Environmental Consultants & Contractors

December 22, 2023 File No. 01204123.21

Via E-Mail
Mr. Steve Cassulo
District Manager
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, California 91384
Steven.Cassulo@wasteconnections.com

Subject: Dimethyl Sulfide and Volatile Organic Compound Continuous Monitoring Feasibility

and Availability Report, Chiquita Canyon Landfill, Castaic, California

Dear Steve:

This report has been prepared by **SCS Engineers (SCS)** on behalf of Chiquita Canyon, LLC (Chiquita) to document the investigation of the feasibility of conducting continuous monitoring of total reduced sulfur (TRS) as a potential surrogate for continuous dimethyl sulfide (DMS) monitoring, and the feasibility of continuous monitoring of benzene, toluene, ethylbenzene, and total xylenes (BTEX) in the community surrounding the Chiquita Canyon Landfill (Landfill).

This report was prepared in compliance with our August 25, 2023 Workplan for Enhanced Air Monitoring Plan (EAMP or Workplan), in which we recommended the temporary installation of both continuous total reduced sulfur (TRS) and BTEX monitors to evaluate their overall efficacy.

SCS has completed the required investigation of the feasibility and availability of implementing a continuous community emission monitoring system by conducting a review of both sensor availability and surrogate monitoring capability reflected in this report. The results of both TRS and BTEX monitoring evaluations are discussed separately below.

DMS/TRS MONITORING EVALUATION

Based on SCS's investigation and experience, real-time monitoring for the estimation of DMS concentrations in the community and along the property fenceline is not feasible, as there are no real-time DMS ambient air monitoring sensors currently available commercially. In addition, our trial of surrogate monitoring proved unsuccessful. A summary of the data reviews completed to support this conclusion are provided below.

Sensor Availability Review

SCS performed online searches for potential sensor availability and reviewed the United States Environmental Protection Agency (EPA) Air Sensor Toolbox and the South Coast Air Quality Management District (SCAQMD) Air Quality Sensor Performance Evaluation center (AQ-SPEC) for potential monitoring methods and sensors. A summary of these reviews is presented below.



EPA Air Sensor Toolbox

The <u>EPA Air Sensor Toolbox</u> (Toolbox) website is a compendium of information on the latest science on the performance, operation, and use of air sensor monitoring systems. The Toolbox is community-focused and emphasizes criteria pollutant monitoring. Review of the data on the Toolbox website did not identify any DMS-specific sensors. Several sensor manufacturers listed on the website were contacted by SCS for further inquiry.

SCAQMD AQ-SPEC

The SCAQMD AQ-SPEC website provides a continuously updated listing of, "widely commercially available low-cost air quality sensors," that have been evaluated by the SCAQMD. The AQ-SPEC website is focused primarily on volatile organic compound (VOC) sensors and criteria pollutant sensors. Of these, only Hydrogen Sulfide (H₂S) and Sulfur Dioxide (SO₂) were listed. Similar to the Toolbox website, several sensor manufacturers listed on the AQ-SPEC website were contacted by SCS for further inquiry.

Vendor, Contractor, and Consultant Review

As a result of the review of the Toolbox and AQ-SPEC, as well as our industry knowledge of landfill air sampling and ambient air sampling in general, SCS contacted the following vendors, contractors, and consultants for air monitoring equipment for advice on the direct measurement of DMS.

- 1. **Teledyne API.** Teledyne specializes in air quality and process gas monitoring instrumentation. Sulfur compound instrumentation available includes H₂S, SO₂, Total Reduced Sulfur (TRS), and Total Sulfur (TS).
- 2. Thermo Fisher Scientific. Thermo Fisher Scientific is a provider of laboratory-grade analytical instrumentation and field instrumentation. Ambient air monitoring capabilities for sulfur compounds include only SO₂.
- 3. **Aeroqual LTD.** Aeroqual provides real-time air monitoring solutions for multiple constituents. Ambient air monitoring capabilities for sulfur compounds are limited to H₂S and SO₂.
- 4. **Specto Technology.** Specto Technology provides hardware and software solutions for the geotechnical, structural, and environmental industries. Ambient air monitoring capabilities are limited to SO₂.
- 5. **Met One Instruments.** Met One Instruments is a provider of ambient air quality monitoring equipment. Ambient air monitoring capabilities for sulfur compounds include H₂S, SO₂, and TRS.
- 6. **Applied Analytics.** Applied Analytics specializes in industrial process analysis instrumentation. Air monitoring capabilities for sulfur compounds include carbon disulfide (CS₂), H₂S, carbonyl sulfide (COS), SO₂, and ethanethiol (CH₃CH₂SH), or ethyl mercaptan. In addition, detection limits are only down to the part per million (ppm) level and significantly lower detection limits are needed to assess odor impacts.

Of the vendors, contractors, and consultants contacted, none had an ambient air monitor that could be used specifically for continuous DMS detection. Most were focused on either H₂S, SO₂, or TRS analysis in ambient air. Applied Analytics had sensors capable of detecting the most diverse range of sulfur compounds, but none had DMS detection capabilities.

SURROGATE MONITORING

Because we were unable to identify any instruments that were capable of directly monitoring for DMS on a continuous basis, we considered whether it would be feasible to conduct continuous monitoring for a surrogate compound and, using that surrogate, estimate the quantity of DMS in the air (if any) on a continuous basis. TRS is used to detect any sulfur compounds, such as DMS, and can therefore be a surrogate for monitoring DMS. Absence of TRS detections suggests there is no DMS in the environment above the detection limit. However, detectable levels of TRS are not always indicative of DMS, since other reduced sulfur compounds could be causing those detections.

In September 2023, SCS initiated weekly sampling for DMS and TRS at the twelve ambient air monitoring stations located around the perimeter of the Landfill and in the community around the Landfill. SCS also co-located continuous TRS sensors at two of the existing air monitoring stations; one at the Landfill perimeter (MS-04, located on the northwestern area of the Landfill), and one in the Val Verde community (MS-12). These stations were selected for co-location of TRS monitors since they have exhibited the highest H_2S concentrations historically as part of the Community Air Monitoring Program (CAMP), which is implemented pursuant to Chiquita's Conditional Use Permit (CUP), which would be indicative of potential landfill gas impacts. These TRS monitors are located within the same enclosure as the two existing air monitoring stations used for the CAMP.

The goal of the installation was to attempt to determine if a correlation factor could be identified for DMS laboratory analytical from the weekly sampling at MS-04 and MS-12 as compared to TRS continuous monitoring data at MS-04 and MS-12. To this end, SCS has collected a total of 26 grab samples (13 samples from each monitoring station each week) between September 1, 2023 and December 12, 2023. In addition, a total of 14, 24-hour composited samples were collected from monitoring station MS-12, for a total of 40 samples collected. Samples collected were analyzed for TRS and sulfur compounds via SCAQMD Method 307.91.

Out of the 40 samples analyzed, DMS was not detected in any sample. Therefore, given the absence of detectable DMS in air samples, a correlation analysis between DMS and TRS could not be conducted. Copies of the analytical data are included in **Attachment A**.

In addition, it should be noted that there is only a limited dataset of continuous TRS monitoring data due to low power conditions at both MS-04 and MS-12. The continuous TRS monitor requires a climate-controlled enclosure in addition to having significant power requirements for the unit itself. While the existing solar power configuration was expanded to attempt to provide additional power, even with additional solar, there is not enough consistent power to make continuous TRS monitoring reliable.

BTEX MONITORING EVALUATION

Similar to the TRS/DMS evaluation, in September 2023, SCS initiated weekly sampling for BTEX at the twelve ambient air monitoring stations located around the perimeter of the Landfill and in the community around the Landfill. SCS also co-located continuous BTEX sensors at two of the existing air monitoring stations: MS-04 and MS-12. These stations were selected for co-location of BTEX sensors since they have exhibited the highest H₂S concentrations historically as part of the CAMP. These BTEX sensors are located within the same enclosure as the two existing air monitoring stations used for the CAMP.

Mr. Steve Cassulo December 22, 2023 Page 4 of 6

The goal of the installation was to attempt to evaluate the accuracy of real-time BTEX measurements compared to both grab and time-composited BTEX laboratory analysis. To this end, SCS has collected a total of 26 weekly grab samples (13 samples from each monitoring station) between September 1, 2023 and December 12, 2023. In addition, a total of 14, 24-hour composited samples were collected from off-site monitoring station MS-12, for a total of 40 samples collected. Samples collected were analyzed for VOCs, including BTEX, using EPA Method TO-15.

24-Hour Composite Sample Results

As part of the EAMP, 24-hour composite samples are collected on a weekly basis at MS-12. Between September 1, 2023 and December 12, 2023, a total of 14 weekly composite samples were collected. Out of the 14 samples, Toluene was the only BTEX constituent detected. Comparative continuous data for these detections were all reported below the continuous monitoring instrument detection limit, making a comparison impossible.

Grab Sample Results

As part of the EAMP, discrete grab samples are collected on a weekly basis at MS-04 and MS-12. Between September 1, 2023 and December 12, 2023, a total of 13 weekly grab samples were collected at each location, for a total of 26 samples. Out of the 26 samples analyzed, the BTEX sensor was non-operational for several of the sampling events, due to power issues. **Table 1** provides a comparative summary of continuous and analytical data during instances where samples were collected and the BTEX sensor was online. Copies of the analytical data are included in **Attachment A**.

Table 1. Laboratory and Continuous BTEX Data Comparison

Monitoring	Cample	Benzene		Tolu	iene	Ethylbo	enzene	Xyle	nes
Station	Sample Date	Lab	Sensor	Lab	Sensor	Lab	Sensor	Lab	Sensor
Station	Date			(pa	rts per bil	lion, by volu	me)		
	09/26/23	<0.50	4.11	52.0	4.47	<0.50	0.35	<1.00	3.61
	10/03/23	<0.50	0.72	45.3	0.27	0.52	0.05	<1.00	0.82
	10/10/23	5.17	1.60	50.8	0.53	<0.50	0.14	<1.00	1.85
	10/17/23	0.66	2.04	26	1.16	0.76	0.11	1.05	0.58
MS-04	10/24/23	<0.50	8.99	35.6	1.08	<0.50	0.27	<1.00	1.11
1013-04	11/07/23	<0.50	3.60	27.9	0.78	<0.50	0.14	<1.00	0.51
	11/14/23	2.54	5.21	19.0	7.10	0.58	0.63	2.14	1.12
	11/28/23	<0.50	3.76	0.75	4.86	<0.50	0.57	<1.00	0.24
	12/5/23	<0.50	0.15	18.6	<0.10	<0.50	<0.10	<1.00	0.20
	12/12/23	7.05	5.17	2.95	1.10	<0.50	0.19	<1.00	0.72
	09/05/23	0.97	0.12	13.6	<0.10	<0.50	<0.10	2.11	<0.10
	09/19/23	<0.50	<0.10	14.8	< 0.10	<0.50	<0.10	<1.00	0.18
	10/10/23	<0.50	<0.10	19.4	< 0.10	0.56	<0.10	<1.00	0.20
	10/17/23	6.49	<0.10	29.4	<0.10	1.04	<0.10	2.59	0.21
MS-12	10/24/23	0.83	< 0.10	13	<0.10	0.69	<0.10	<1.00	0.20
1012-12	11/14/23	0.54	< 0.10	11.7	<0.10	<0.50	<0.10	<1.00	<0.10
	11/21/23	<0.50	<0.10	11.4	<0.10	<0.50	<0.10	<1.00	0.16
	11/28/23	<0.50	<0.10	11.4	<0.10	<0.50	<0.10	<1.00	0.11
	12/05/23	<0.50	<0.10	7.92	<0.10	<0.50	<0.10	<1.00	0.21
	12/12/23	<0.50	<0.10	<0.69	<0.10	<0.50	<0.10	<1.00	0.22

Readings with the symbol "<" indicate sample was below the detection limit listed.

As shown in **Table 1**, there are no direct comparisons between the continuous monitoring data and BTEX grab samples collected. By way of example, in MS-04, Benzene and Xylene levels were generally higher in continuous data, but generally lower for Toluene and Ethylbenzene. For MS-12, there were not enough sensor detections to provide commentary on reliability.

CONCLUSIONS

Continuous TRS Monitoring

Based upon SCS's evaluation of continuous TRS monitoring as a surrogate for DMS monitoring, we cannot establish a correlation between TRS and DMS. This is due to both the lack of TRS detections in laboratory samples and due to the power requirements of the TRS continuous sampling. Therefore, continuous TRS monitoring is not considered a feasible surrogate for continuous DMS monitoring. SCS recommends removal of the TRS continuous monitoring stations. We will continue to collect 24-hour composite and grab samples for laboratory analysis of TRS and DMS as part of the EAMP.

Continuous BTEX Monitoring

Based upon SCS's evaluation of continuous BTEX monitoring, there is no correlation of data in regard to laboratory versus continuous data, and we are concerned that future collection of continuous

Mr. Steve Cassulo December 22, 2023 Page 6 of 6

BTEX data will only serve to confuse the data review process. Since the laboratory is state-certified and provides quality assurance and quality control (QA/QC) data along with its reports, the laboratory data is much more reliable than the continuous monitoring data. Therefore, we recommend removal of the BTEX continuous monitoring stations. We will continue to collect 24-hour composite and grab samples for laboratory analysis of BTEX as part of the EAMP.

If you have any questions in regard to this submittal, please contact either of the undersigned at (562) 426-9544.

Sincerely,

Raymond H. Huff, R.E.P.A. Vice President/Project Director

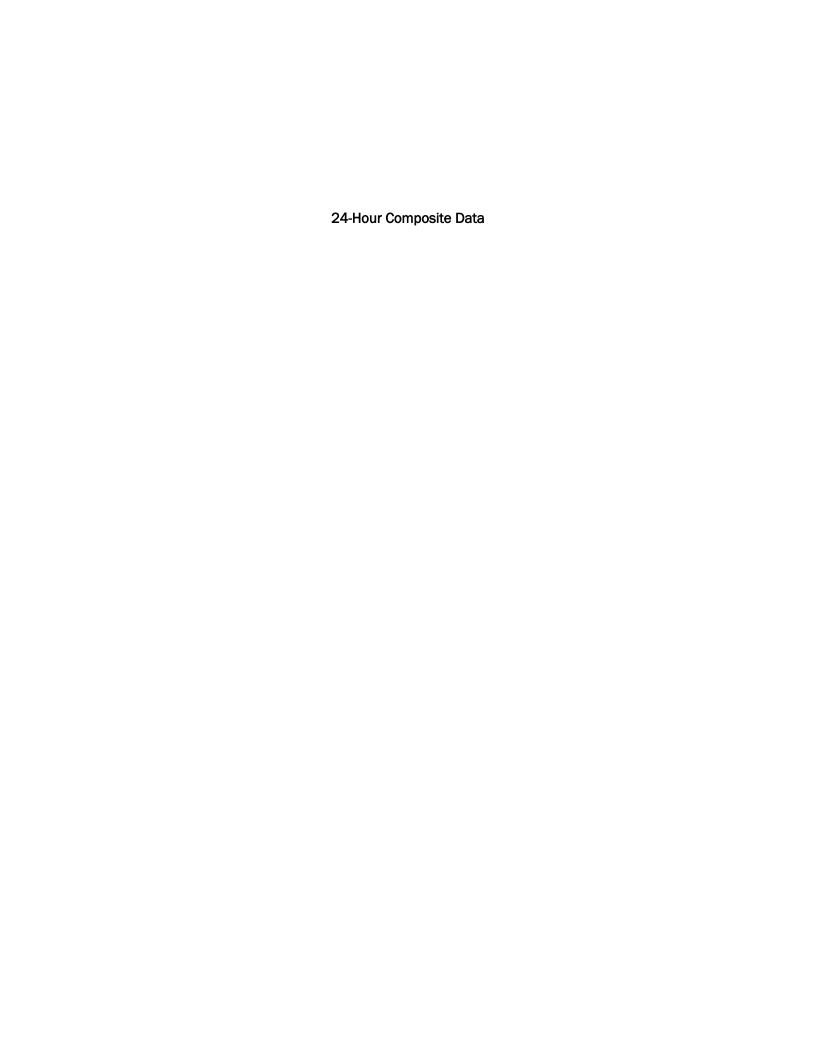
SCS Engineers

Paul SchaferE.C.

Vice President/Project Director

SCS Engineers

ATTACHMENT A LABORATORY ANALYTICAL DATA





23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277

LABORATORY ANALYSIS REPORT

specialized air assessment laboratory atmaa.com

TO-15 Component Analysis in Tedlar Bag Sample, by GC/MS

Report Date: September 18, 2023
Client: SCS Engineers
Project Location: Chiquita Canyon Air / Odor Sampling

Project No.: Not Given Date Received: September 7, 2023 Date Analyzed: September 8-9, 2023

AtmAA Lab No.: Sample ID:	22503-6 MS-06	22503-7 MS-07	22503-8 MS-08	22503-9 MS-09
Components			ons in ppbv)	1 110 00
Freon 12	0.34	0.38	0.50	0.33
Chloromethane	0.40	0.42	0.58	0.40
Freon 114	< 0.15	< 0.15	<0.15	<0.15
Vinyl Chloride	<0.20	<0.20	<0.20	<0.20
1,3-Butadiene	< 0.30	<0.30	<0.30	<0.30
Bromomethane	< 0.30	<0.30	<0.30	<0.30
Chloroethane	<0.25	<0.25	<0.25	<0.25
Acetone	5.79	4.86	5.34	7.12
Freon 11	<0.20	<0.20	0.21	
Isopropyl Alcohol	< 0.85	<0.85	<0.85	<0.20
1,1-Dichloroethene	< 0.30	<0.30	<0.30	<0.85
Methylene Chloride	< 0.30	<0.30		<0.30
Carbon Disulfide	<0.20	<0.20	<0.30	< 0.30
Freon 113	<0.15		<0.20	<0.20
trans-1,2-Dichloroethene		<0.15	< 0.15	< 0.15
1,1-Dichloroethane	< 0.30	<0.30	<0.30	< 0.30
	< 0.30	< 0.30	< 0.30	< 0.30
MTBE	< 0.30	<0.30	< 0.30	< 0.30
Vinyl Acetate	< 0.30	<0.30	< 0.30	< 0.30
2-Butanone	0.46	0.41	0.54	0.48
cis-1,2-Dichloroethene	< 0.30	< 0.30	< 0.30	< 0.30
n-Hexane	0.24	< 0.30	< 0.30	< 0.30
Chloroform	< 0.20	< 0.20	< 0.20	< 0.20
Ethyl Acetate	1.37	1.43	1.48	0.62
Tetrahydrofuran	< 0.20	< 0.20	< 0.20	< 0.20
1,2-Dichloroethane	< 0.30	< 0.30	< 0.30	< 0.30
1,1,1-Trichloroethane	< 0.20	< 0.20	< 0.20	< 0.20
Benzene	0.25	0.22	0.26	0.23
Carbon Tetrachloride	< 0.20	< 0.20	< 0.20	< 0.20
Cyclohexane	< 0.30	< 0.30	< 0.30	< 0.30
1,2-Dichloropropane	< 0.30	< 0.30	< 0.30	< 0.30
Bromodichloromethane	< 0.30	< 0.30	< 0.30	< 0.30
Trichloroethene	< 0.20	< 0.20	< 0.20	< 0.20
1,4-Dioxane	< 0.30	< 0.30	< 0.30	< 0.30
n-Heptane	< 0.30	< 0.30	< 0.30	< 0.30
cis-1,3-Dichloropropene	< 0.30	< 0.30	< 0.30	< 0.30
4-Methyl-2-pentanone	< 0.30	< 0.30	< 0.30	< 0.30
trans-1,3-Dichloropropene	< 0.30	< 0.30	< 0.30	< 0.30
1,1-2-Trichloroethane	< 0.30	< 0.30	< 0.30	<0.30
Toluene	0.46	0.73	0.76	0.72
2-Hexanone	< 0.30	< 0.30	< 0.30	< 0.30
Dibromochloromethane	< 0.25	<0.25	< 0.25	<0.25
1,2-Dibromoethane	< 0.15	< 0.15	<0.15	<0.15
Tetrachloroethene	< 0.15	<0.15	<0.15	<0.15
Chlorobenzene	<0.25	<0.25	<0.25	<0.25
Ethylbenzene	<0.20	<0.20	<0.20	<0.20
n,p-Xylene	<0.20	0.29	0.37	
3romoform	<0.15	<0.15		0.22
Styrene			< 0.15	< 0.15
1,1,2,2-Tetrachloroethane	<0.25	<0.25	<0.25	<0.25
o-Xylene	< 0.25	< 0.25	<0.25	< 0.25
Benzyl Chloride	<0.20	<0.20	<0.20	< 0.20
	<0.30	<0.30	<0.30	< 0.30
I-Ethyl Toluene	< 0.30	<0.30	< 0.30	< 0.30
1,3,5-Trimethyl Benzene	< 0.30	< 0.30	<0.30	< 0.30
1,2,4-Trimethyl Benzene	< 0.30	< 0.30	< 0.30	<0.30
,3-Dichlorobenzene	<0.20	<0.20	<0.20	< 0.20
1,4-Dichlorobenzene	<0.20	< 0.20	< 0.20	< 0.20
1,2-Dichlorobenzene	< 0.20	< 0.20	< 0.20	< 0.20
1,2,4-Trichlorobenzene	< 0.60	<0.60	< 0.60	< 0.60
Hexachlorobutadiene	< 0.40	< 0.40	< 0.40	< 0.40





23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277

LABORATORY ANALYSIS REPORT

specialized air assessment laboratory atmaa.com

TO-15 Component Analysis in Tedlar Bag Sample, by GC/MS

Report Date: September 18, 2023 Client: SCS Engineers

Project Location: Chiquita Canyon Air / Odor Sampling
Project No.: Not Given
Date Received: September 7, 2023
Date Analyzed: September 8-9, 2023

AtmAA Lab No.: Sample ID:	22503-10 MS-10	22503-11 MS-11	22503-12 MS-12
Components	(Co	ncentations in p	
Freon 12	0.87	0.36	0.32
Chloromethane	1.18	0.40	0.34
Freon 114	< 0.15	< 0.15	< 0.15
Vinyl Chloride	<0.20	<0.20	< 0.20
1,3-Butadiene	< 0.30	<0.30	< 0.30
Bromomethane	< 0.30	< 0.30	< 0.30
Chloroethane	<0.25	<0.25	< 0.25
Acetone	18.2	5.59	4.62
Freon 11	0.42	<0.20	< 0.20
Isopropyl Alcohol	<0.85	<0.85	< 0.85
1,1-Dichloroethene	< 0.30	< 0.30	< 0.30
Methylene Chloride	< 0.30	< 0.30	< 0.30
Carbon Disulfide	< 0.20	< 0.20	< 0.20
Freon 113	0.21	< 0.15	< 0.15
trans-1,2-Dichloroethene	< 0.30	< 0.30	< 0.30
1,1-Dichloroethane	< 0.30	< 0.30	< 0.30
MTBE	< 0.30	< 0.30	< 0.30
Vinyl Acetate	< 0.30	< 0.30	< 0.30
2-Butanone	1.31	0.41	0.41
cis-1,2-Dichloroethene	< 0.30	< 0.30	< 0.30
n-Hexane	0.32	< 0.30	< 0.30
Chloroform	<0.20	<0.20	<0.20
Ethyl Acetate	1.54	0.94	1.33
Tetrahydrofuran	< 0.20	<0.20	<0.20
1,2-Dichloroethane	< 0.30	<0.30	< 0.30
1,1,1-Trichloroethane	<0.20	<0.20	<0.20
Benzene	0.51	0.16	< 0.15
Carbon Tetrachloride	<0.20	<0.20	<0.20
Cyclohexane	< 0.30	< 0.30	< 0.30
1,2-Dichloropropane	<0.30	< 0.30	< 0.30
Bromodichloromethane	< 0.30	< 0.30	< 0.30
Trichloroethene	<0.20	<0.20	<0.20
1,4-Dioxane	<0.30	< 0.30	< 0.30
n-Heptane	<0.30	<0.30	< 0.30
cis-1,3-Dichloropropene	<0.30	< 0.30	< 0.30
4-Methyl-2-pentanone	<0.30	<0.30	<0.30
trans-1,3-Dichloropropene	<0.30	< 0.30	< 0.30
1,1-2-Trichloroethane	<0.30	< 0.30	< 0.30
Toluene	1.27	0.43	0.41
2-Hexanone	<0.30	< 0.30	< 0.30
Dibromochloromethane	<0.25	<0.25	<0.25
1,2-Dibromoethane			<0.25
	<0.15	<0.15	
Tetrachloroethene	< 0.15	<0.15	< 0.15
Chlorobenzene	< 0.25	< 0.25	< 0.25
Ethylbenzene	<0.20	<0.20	<0.20
m,p-Xylene	0.49	<0.20	<0.20
Bromoform	< 0.15	<0.15	< 0.15
Styrene	< 0.25	< 0.25	< 0.25
1,1,2,2-Tetrachloroethane	< 0.25	<0.25	<0.25
o-Xylene	0.23	<0.20	<0.20
Benzyl Chloride	< 0.30	< 0.30	< 0.30
4-Ethyl Toluene	< 0.30	< 0.30	< 0.30
1,3,5-Trimethyl Benzene	< 0.30	< 0.30	< 0.30
1,2,4-Trimethyl Benzene	< 0.30	< 0.30	< 0.30
1,3-Dichlorobenzene	<0.20	<0.20	<0.20
1,4-Dichlorobenzene	<0.20	<0.20	< 0.20
1,2-Dichlorobenzene	< 0.20	< 0.20	< 0.20
1,2,4-Trichlorobenzene	< 0.60	<0.60	< 0.60
Hexachlorobutadiene	< 0.40	< 0.40	< 0.40

Brian W. Fung Laboratory Director

QUALITY ASSURANCE SUMMARY (Repeat Analyses)

Project Location: Chiquita Canyon Air / Odor Sampling
Date Received: September 7, 2023
Date Analyzed: September 8-9, 2023

	Sample ID	Repeat	Mean Conc.	% RPD	
Components	,0	the second secon	Run #2 entration in		I I
Freon 12	MS-06	0.33	0.34	0.34	3.0
Chloromethane	MS-06	0.38	0.42	0.40	10
Freon 114	MS-06	<0.15	<0.15	-	-
Vinyl Chloride	MS-06	<0.20	<0.20		
1,3-Butadiene	MS-06	<0.30	<0.30	ينتي	-
Bromomethane	MS-06	<0.30	<0.30	440	-
Chloroethane	MS-06	<0.25	<0.25		-
Acetone	MS-06	5.88	5.69	5.79	3.3
Freon 11	MS-06	<0.20	<0.20		-
Isopropyl Alcohol	MS-06	<0.85	<0.85		
1,1-Dichloroethene	MS-06	<0.30	<0.30		-
Methylene Chloride	MS-06	<0.30	<0.30	1-2	
Carbon Disulfide	MS-06	<0.20	<0.20	-	
Freon 113	MS-06	<0.15	<0.15	***	-
trans-1,2-Dichloroethene	MS-06	<0.30	<0.30		
1,1-Dichloroethane	MS-06	<0.30	<0.30		
MTBE	MS-06	<0.30	<0.30		
Vinyl Acetate	MS-06	<0.30	<0.30		
2-Butanone	MS-06	0.48	0.44	0.46	8.7
cis-1,2-Dichloroethene	MS-06	<0.30	<0.30		-
n-Hexane	MS-06	0.24	0.24	0.24	0.00
Chloroform	MS-06	<0.20	<0.20		-
Ethyl Acetate	MS-06	1.36	1.38	1.37	1.5
Tetrahydrofuran	MS-06	<0.20	<0.20		
1,2-Dichloroethane	MS-06	<0.30	<0.30	-	

QUALITY ASSURANCE SUMMARY (Repeat Analyses)

	(0	ontinued)	Analysis	Mean	0/
0	Sample ID	Run #1	Analysis Run #2	Conc.	% RPD
Components	levia elle		entration in	ppbv)	
1,1,1-Trichloroethane	MS-06	<0.20	<0.20	-	-
Benzene	MS-06	0.23	0.26	0.25	12
Carbon Tetrachloride	MS-06	<0.20	<0.20		-
Cyclohexane	MS-06	<0.30	<0.30	- Indiana	
1,2-Dichloropropane	MS-06	<0.30	<0.30		
Bromodichloromethane	MS-06	<0.30	<0.30		
Trichloroethene	MS-06	<0.20	<0.20	****	
1,4-Dioxane	MS-06	<0.30	<0.30	-	4-9-
n-Heptane	MS-06	<0.30	<0.30	-	
cis-1,3-Dichloropropene	MS-06	<0.30	<0.30		-
4-Methyl-2-pentanone	MS-06	<0.30	<0.30		
trans-1,3-Dichloropropene	MS-06	<0.30	<0.30		
1,1-2-Trichloroethane	MS-06	<0.30	<0.30		
Toluene	MS-06	0.44	0.47	0.46	6.6
2-Hexanone	MS-06	<0.30	<0.30		
Dibromochloromethane	MS-06	<0.25	<0.25		-
1,2-Dibromoethane	MS-06	<0.15	<0.15		****
Tetrachloroethene	MS-06	<0.15	<0.15		
Chlorobenzene	MS-06	<0.25	<0.25	-	
Ethylbenzene	MS-06	<0.20	<0.20	1,22	etaster (
m,p-Xylene	MS-06	<0.20	<0.20		
Bromoform	MS-06	<0.15	<0.15		
Styrene	MS-06	<0.25	<0.25		
1,1,2,2-Tetrachloroethane	MS-06	<0.25	<0.25		-
o-Xylene	MS-06	<0.20	<0.20		-
Benzyl Chloride	MS-06	<0.30	<0.30	-	

QUALITY ASSURANCE SUMMARY

(Repeat Analyses) (continued)

	Sample	Repeat	Analysis	Mean	%
2.7.72.	ID	Run #1	Run #2	Conc.	RPD
Components		(Cond	entration in	ppbv)	
4-Ethyl Toluene	MS-06	<0.30	<0.30		
1,3,5-Trimethyl Benzene	MS-06	<0.30	<0.30		22
1,2,4-Trimethyl Benzene	MS-06	<0.30	<0.30	-	
1,3-Dichlorobenzene	MS-06	<0.20	<0.20		
1,4-Dichlorobenzene	MS-06	<0.20	<0.20		
1,2-Dichlorobenzene	MS-06	<0.20	<0.20		
1,2,4-Trichlorobenzene	MS-06	<0.60	<0.60		
Hexachlorobutadiene	MS-06	<0.40	<0.40	-	.263

Seven Tedlar bag samples, laboratory numbers 22503-(6-12), were analyzed for TO-15 components by GC/MS. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 8 repeat measurements from 7 Tedlar bag samples is 5.6%.





specialized air assessment laboratory atmaa.com

LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: September 18, 2023

Client: SCS Engineers

Project Location: Chiquita Canyon Air / Odor Sampling

Project No.: Not Given

Date Received: September 7, 2023 Date Analyzed: September 7, 2023

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: Sample I.D.:	22503-6 MS-06	22503-7 MS-07	22503-8 MS-08	22503-9 MS-09
Components		(Concentrat	ion in ppbv)	
Hydrogen sulfide	<25	<25	<25	<25
Carbonyl sulfide	<30	<30	<30	<30
Methyl mercaptan	<25	<25	<25	<25
Ethyl mercaptan	<25	<25	<25	<25
Dimethyl sulfide	<25	<25	<25	<25
Carbon disulfide	<25	<25	<25	<25
i-Propyl mercaptan	<25	<25	<25	<25
t-Butyl mercaptan	<25	<25	<25	<25
n-Propyl mercaptan	<25	<25	<25	<25
s-Butyl mercaptan	<25	<25	<25	<25
i-Butyl mercaptan	<25	<25	<25	<25
Dimethyl disulfide	<25	<25	<25	<25
Tetrahydrothiophene	<25	<25	<25	<25
Unidentified sulfurs	<25	<25	<25	<25
		(Concentration in	n ppbv, as H ₂ .	S)
Total Sulfur	ND	ND	ND	ND

ND - Not Detected



specialized air assessment laboratory atmaa.com

LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: September 18, 2023

Client: SCS Engineers

Project Location: Chiquita Canyon Air / Odor Sampling

Project No.: Not Given

AtmAA Lab No.:

Date Received: September 7, 2023 Date Analyzed: September 7, 2023

ANALYSIS DESCRIPTION

22503-11

22503-12

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

22503-10

Sample I.D	.: MS-10	MS-11	MS-12
Components	(Cor	ncentration in p	pbv)
Hydrogen sulfide	<25	<25	<25
Carbonyl sulfide	<30	<30	<30
Methyl mercaptan	<25	<25	<25
Ethyl mercaptan	<25	<25	<25
Dimethyl sulfide	<25	<25	<25
Carbon disulfide	<25	<25	<25
i-Propyl mercaptan	<25	<25	<25
t-Butyl mercaptan	<25	<25	<25
n-Propyl mercaptan	<25	<25	<25
s-Butyl mercaptan	<25	<25	<25
i-Butyl mercaptan	<25	<25	<25
Dimethyl disulfide	<25	<25	<25
Tetrahydrothiophene	<25	<25	<25
Unidentified sulfurs	<25	<25	<25
	(Concen	tration in ppbv	as H ₂ S)
Total Sulfur	ND	ND	ND

ND - Not Detected

Brian W. Fung Laboratory Director

QUALITY ASSURANCE SUMMARY (Repeat Analyses)

Project Location: Chiquita Canyon Air / Odor Sampling Date Received: September 7, 2023 Date Analyzed: September 7, 2023

	Sample ID	Repeat Run #1	Analysis Run #2	Mean Conc.	% RPD
Components		(Conc	entration in	ppbv)	
Hydrogen sulfide	MS-06	<25	<25	-	
	MS-07	<25	<25		had been sen!
	MS-08	<25	<25	-	-
	MS-09	<25	<25		-
	MS-10	<25	<25	-	
	MS-11	<25	<25	and.	
	MS-12	<25	<25		22
Carbonyl sulfide	MS-06	<30	<30		
and the second of the second	MS-07	<30	<30		-
	MS-08	<30	<30	-	
	MS-09	<30	<30		
	MS-10	<30	<30	-	54.00
	MS-11	<30	<30		
	MS-12	<30	<30		
Methyl mercaptan	MS-06	<25	<25		
Wetry mercaptan	MS-07	<25	<25		
	MS-08	<25	<25		55
	MS-09	<25	<25		
	MS-10	<25	<25	(
	MS-11	<25	<25	See Steeped.	-
	MS-12	<25	<25		***
Ethyl mercaptan	MS-06	<25	<25	-	No.
	MS-07	<25	<25	544	ere.
	MS-08	<25	<25	-	
	MS-09	<25	<25	-	
	MS-10	<25	<25		
	MS-11	<25	<25		breeze 1
	MS-12	<25	<25		****
Dimethyl sulfide	MS-06	<25	<25	-	
	MS-07	<25	<25		
	MS-08	<25	<25	-	
	MS-09	<25	<25	and a	-
	MS-10	<25	<25		444
	MS-11	<25	<25	-	-
	MS-12	<25	<25	-	
Carbon disulfide	MS-06	<25	<25	and and the	-
	MS-07	<25	<25		200
	MS-08	<25	<25		-
	MS-09	<25	<25		
	MS-10	<25	<25		
	MS-11	<25	<25	-	beautier.
	MS-12	<25	<25		

QUALITY ASSURANCE SUMMARY

(Repeat Analyses) (continued)

	Sample ID	Repeat Run #1	Analysis Run #2	Mean Conc.	% RPD
Components		(Cond	entration in		
i-Propyl mercaptan	MS-06	<25	<25	-	
STATE OF THE STATE	MS-07	<25	<25		-
	MS-08	<25	<25		-
	MS-09	<25	<25	444	
	MS-10	<25	<25	-	-
	MS-11	<25	<25		
	MS-12	<25	<25	-	
t-Butyl mercaptan	MS-06	<25	<25		
· - sig · mereuptur	MS-07	<25	<25		-
	MS-08	<25	<25		
	MS-09	<25	<25		
		<25	<25		
	MS-10				
	MS-11	<25	<25	-	
	MS-12	<25	<25		
n-Propyl mercaptan	MS-06	<25	<25		445
in the second of	MS-07	<25	<25		
	MS-08	<25	<25	-	-
	MS-09	<25	<25	Service.	
	MS-10	<25	<25	-	
	MS-11	<25	<25		222
	MS-12	<25	<25		
s-Butyl mercaptan	MS-06	<25	<25	122	-22
3-Butyl Mercaptan	MS-07	<25	<25	1000	
	MS-08	<25	<25		2.2
	MS-09	<25	<25		
	MS-10	<25	<25		-
		<25	<25		
	MS-11 MS-12	<25	<25		444
A STATE OF THE STATE OF					
i-Butyl mercaptan	MS-06	<25	<25		-
	MS-07	<25	<25		
	MS-08	<25	<25		
	MS-09	<25	<25		
	MS-10	<25	<25	16	
	MS-11	<25	<25	****	
	MS-12	<25	<25	-	
Dimethyl disulfide	MS-06	<25	<25	Leen	
	MS-07	<25	<25	-	-
	MS-08	<25	<25		
	MS-09	<25	<25		
	MS-10	<25	<25		
	MS-11	<25	<25	-	
	MS-12	<25	<25	-	



QUALITY ASSURANCE SUMMARY

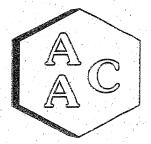
(Repeat Analyses) (continued)

	Sample ID	Repeat	Analysis Run #2	Mean Conc.	% RPD
Components	,iD		entration in		Milb
Tetrahydrothiophene	MS-06	<25	<25		
1. 2 d. 2015 20 C. 4 D. 4	MS-07	<25	<25	-	
	MS-08	<25	<25		
	MS-09	<25	<25		
	MS-10	<25	<25		
	MS-11	<25	<25		
	MS-12	<25	<25		
Unidentified sulfurs	MS-06	<25	<25	-	
	MS-07	<25	<25		
	MS-08	<25	<25		-
	MS-09	<25	<25	-	
	MS-10	<25	<25	4	
	MS-11	<25	<25		400
	MS-12	<25	<25	-	***

Seven Tedlar bag samples, laboratory numbers 22503-(6-12), were analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD".



13.27 Time Time Time Time Remarks ahlzz Date Date Date ANALYSES Rekeiyed for Laboratory: (Signature) Int 51-01 Sulker Received by: (Signature) Received by: (Signature) ATMAR Inc. 302,91 X X X X X X No. Of Containers X X X X CHAIN OF CUSTODY RECORD Air Disposed of by: (Signature) Valencia, CA Type of Sample 1325 Ambient Analytical Laboratory Time Time Time 9-7-23 Date Date Date Field Logbook No. **Project Location** 22503-6 3 01, 17 -0 Lab Sample Number (Signature) Air/Odor Samping Environmental Inc. 865 Via Lata • Colton, California 92324 (909) 422-1001 Fax (909) 422-0707 0260-0260 0000-0000 0000 - 0000 0560-0560 82-6/9-6 0900-0000 0060 - 0060 9-617-23 0900-0900 Time Client/Project Name 565 Engineers Chiguita Canyon Landfill 62-2/9-6 6-6/2-23 9-6/7-23 9-617-23 62-4/9-6 Date Relinquished by: (Signature) Relinquished by: (Signature) Relinquished by: (Signature) Charles Roberts Sample Disposal Method: Sampler: (Print) Sample No./ Identification Sample Collector MS-08 MS-06 MS-07 MS-09 MS-10 MS-12 Project No. -Z



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon Landfill Air/Odor Sampling

AAC PROJECT NO.

: 231800 Rev 1

REPORT DATE

: 11/15/2023

On September 12, 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) Tedlar Bags for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID
MS-06	231800-48641
MS-07	231800-48642
MS-08	231800-48643
MS-09	231800-48644
MS-10	231800-48645
MS-11	231800-48646
MS-12	231800-48647

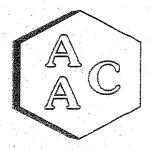
This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. These samples were received in Tedlar Bags, which are considered inappropriate containers by EPA Method TO-15. Per NELAC requirements the analytical results should be considered estimated for these samples. No other problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report. If you have any questions or require further explanation of data results, please contact the undersigned.

echnical Director

Amended Report 231800 Rev 1 supersedes Original Report 231800. The amended report was issued on 11/15/2023. A malfunction in the autosampler for the analytical instrument was discovered, where no sample volume was analyzed, leading to the undetected results observed for each analyte in all samples.



Laboratory Analysis Report

CLIENT: SCS Engineers
PROJECT NO: 231800 Rev 1

MATRIX : AIR
UNITS : PPB (v/v)

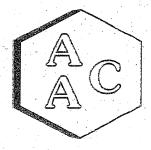
DATE RECEIVED: 09/12/2023

DATE REPORTED: 11/15/2023

ANALYST: MB

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-06	241	Sample					3.6-41
AACID		231800-48641 09/11/2023 09/12/2023				231800-486		Sample Reporting	Method
Date Sampled	<u> </u>					09/11/202	Limit	Reporting	
Date Analyzed						09/12/202	3		Limit
Can Dilution Factor	1.00			(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 -</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1 -</td><td>0.50</td><td>0.50</td></srl<>	U	1 -	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl^< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl^<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 .	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1.</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1.	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td> 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>: U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>: U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	: U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td> 1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td> 1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1 '</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1 '</td><td>1.00</td><td>1.00</td></srl<>	U	1 '	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U.	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	. 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers.

PROJECT NO: 231800 Rev 1

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 09/12/2023

DATE REPORTED: 11/15/2023

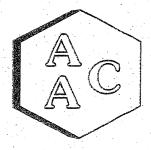
ANALYST: MB

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID	MS-06 231800-48641		Sample	MS-07 231800-48642			Sample	Method	
Date Sampled	<u> </u>	09/11/2023		Reporting		09/11/202		Reporting	
Date Analyzed		09/11/202		Limit	09/12/2023			Limit	Reporting
Can Dilution Factor	· · ·	1.00	<u> </u>	(SRL)	02/12/2025			(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 .	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td><srl.< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl.<></td></srl<>	U	. 1	0.50	<srl.< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl.<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>Ū.</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū.	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>- U -</td><td>1</td><td>0.50</td><td><srl< td=""><td>U .</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	- U -	1	0.50	<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U .	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U ·</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U ·	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0:50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0:50</td><td>0.50</td></srl<>	U	1	0:50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	<srl< td=""><td>Ŭ</td><td>-1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	-1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dibromochloromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl .<="" td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>Ŭ.</td><td>1</td><td>0.50</td><td><srl< td=""><td>U ·</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ.	1	0.50	<srl< td=""><td>U ·</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U ·	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	U	. 1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>Ū</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	. 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U.	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>-1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>-1</td><td>0.50</td><td>0.50</td></srl<>	U	-1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,3-Dichlorobenzene	. <srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	ī	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U .	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>· Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>· Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	· Ü	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexachlorobutadiene	<\$RL	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
BFB-Surrogate Std. % Recovery		112%		,		111%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers
PROJECT NO: 231800 Rev 1

MATRIX : AIR
UNITS : PPB (v/v)

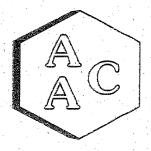
DATE RECEIVED: 09/12/2023

DATE REPORTED: 11/15/2023

ANALYST: MB

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	T	MS-08		l . c	MS-09			l c	
AAC ID		231800-486	543	Sample		231800-486	544	Sample	Method
Date Sampled		09/11/202	3	Reporting		09/11/202		Reporting	Reporting
Date Analyzed		09/12/202	3	Limit	Limit 09/12/2023		Limit	Limit	
Can Dilution Factor		1.00		SRL)		1.00	· · ·	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MIKL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1 -</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1 -	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	· U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0,50</td></srl<>	U	. 1	0.50	0,50
Methanol	<srl< td=""><td>U</td><td>. 1</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	. 1	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
1,3-Butadiene	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U.	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	· <srl< td=""><td>U</td><td>1.</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1.	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1.</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1.	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U·</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U·</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U·	1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U ~</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U ~	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	<srl< td=""><td>U :</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1 .</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U :	1	2.00	<srl< td=""><td>U</td><td>1 .</td><td>2.00</td><td>2.00</td></srl<>	U	1 .	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>.U</td><td>. 1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>.U</td><td>. 1</td><td>2.00</td><td>2.00</td></srl<>	.U	. 1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U.	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>· U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	· U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srł< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srł<>	Ū	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>·U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>·U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	·U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>-1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	-1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U .	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>. 1.</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>. 1.</td><td>0.50</td><td>0.50</td></srl<>	Ü	. 1.	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū.	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>SRL</td><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	SRL	Ū	1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0:50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0:50</td><td>0.50</td></srl<>	Ü	1	0:50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Benzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 09/12/2023

PROJECT NO: 231800 Rev 1

DATE REPORTED: 11/15/2023

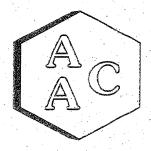
MATRIX : AIR
UNITS : PPB (v/v)

ANALYST: MB

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID		MS-08 231800-486	43	Sample	ng 09/11/2023 09/12/2023			Sample	Method
Date Sampled		09/11/202		Reporting				Reporting	Reporting
Date Analyzed	,	09/12/202	3	Limit				Limit	Limit
Can Dilution Factor	·	1.00		SRL)				(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MIKL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	. 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>, U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	, U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>Ŭ ·</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ŭ ·	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>- 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	- 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	U	. 1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>- 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	- 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1 .</td><td>- 0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 .	- 0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xvlene	<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U .	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	· U	1	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>i i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
BFB-Surrogate Std. % Recovery	7	112%	1			114%		<u> </u>	70-130%

U - Compound was not detected at or above the SRL.



Laboratory Analysis Report

CLIENT: SCS Engineers
PROJECT NO: 231800 Rev 1

MATRIX : AIR
UNITS : PPB (v/v)

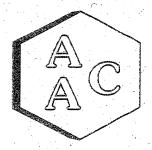
DATE RECEIVED: 09/12/2023

DATE REPORTED: 11/15/2023

ANALYST: MB

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-10		Sample		MS-11		C	
AAC ID		231800-486	645			231800-486	46	Sample	Method
Date Sampled		09/11/202		Reporting		09/11/202	3	Reporting	Reporting
Date Analyzed		09/12/202	3	Limit		09/12/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL) 1.00				(SRL)	
Compound	Result	Qualifier Analysis DF		(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	SRL <	U	1	1.00	<srl< td=""><td>U</td><td>1 .</td><td>1.00</td><td>1.00</td></srl<>	U	1 .	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>·U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	·U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>· <srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	· <srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>. 1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>. 1</td><td>2.00</td><td>2.00</td></srl<>	U	. 1	2.00	2.00
1,3-Butadiene	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	≺SRL	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>Ü</td><td>-1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	-1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U .	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U ·</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U ·	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U ·</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U ·	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ŭ ·</td><td>. 1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ŭ ·	. 1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>Ü.</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü.	1	2.00	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U-</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U-</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U-	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>. U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	. U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U ·</td><td>- 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U ·</td><td>- 1</td><td>0.50</td><td>0.50</td></srl<>	U ·	- 1	0.50	0.50
Hexane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ŭ	1	0.50	0,50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ū.</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū.	1	0.50	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	Ü	ī	0.50	0.50
Benzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers PROJECT NO: 231800 Rev 1

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 09/12/2023

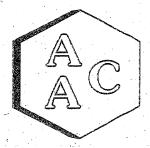
DATE REPORTED: 11/15/2023

ANALYST: MB

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID		MS-10 231800-486	A5	Sample MS-11 231800-48646			Sample	Method	
Date Sampled	09/11/2023 09/12/2023			Reporting		09/11/202		Reporting	
Date Analyzed				Limit	09/11/2023			Limit	Reporting
Can Dilution Factor		1.00	<u> </u>	(SRL)	1.00			(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRL _x DF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U.</td><td>1.</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U.	1.	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ù</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ù</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ù	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>-1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>-1</td><td>0.50</td><td>0.50</td></srl<>	U	-1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>- 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	- 1	0.50	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	U	. 1	0.50	0.50
1,4-Dioxane	<srl -<="" td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Trichloroethene (TCE)	<srl `<="" td=""><td>Ū -</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl>	Ū -	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1.3-Dichloropropene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Toluene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>. Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>. Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	. Ŭ	1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1.</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>Ü</td><td>1.</td><td>1.00</td><td>1.00</td></srl<>	Ü	1.	1.00	1.00
Dibromochloromethane	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ü</td><td>1 .</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1 .	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i	0.50	0.50
m & p-Xylene	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü.</td><td>i</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>Ü.</td><td>i</td><td>1.00</td><td>1.00</td></srl<>	Ü.	i	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū.</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū.</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū.	i	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
o-Xylene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>Ü .</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü .	. 1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i i	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1.</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ü	i i	0.50	<srl< td=""><td>Ü</td><td>1.</td><td>0,50</td><td>0.50</td></srl<>	Ü	1.	0,50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū.	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl '<="" td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl></td></srl<>	Ü	1	0.50	<srl '<="" td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl>	Ŭ	1	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>l î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	ī	0.50	<srl< td=""><td>Ü</td><td>l î</td><td>0.50</td><td>0.50</td></srl<>	Ü	l î	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>l i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>l i</td><td>0.50</td><td>0.50</td></srl<>	Ü	l i	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>l i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>l i</td><td>0.50</td><td>0.50</td></srl<>	Ü	l i	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>l i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>l i</td><td>0.50</td><td>0.50</td></srl<>	Ü	l i	0.50	0.50
BFB-Surrogate Std. % Recovery	- XANL	108%			~~~~	110%		. ,,,,,	70-130%

U - Compound was not detected at or above the SRL.



Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 09/12/2023

PROJECT NO: 231800 Rev 1

DATE REPORTED: 11/15/2023

MATRIX : AIR

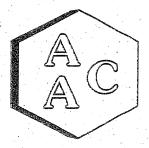
ANALYST: MB

UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-12	Sample		
AAC ID	T	231800-486	47		Method
Date Sampled		09/11/202	3	Reporting	Reporting
Date Analyzed		09/12/202	Limit	Limit	
Can Dilution Factor		1.00	(SRL)	(MRL)	
Ćompound	Result	Qualifier	Analysis DF	(MRLxDF's)	(MIRL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1 ·</td><td>0.50</td><td>0.50</td></srl<>	U	1 ·	0.50	0.50
Vinyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Methanol	<srl< td=""><td>Ü</td><td>1 .</td><td>2.00</td><td>2.00</td></srl<>	Ü	1 .	2.00	2.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>Ü.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü.	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Acetone	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>Ü</td><td>1 . 1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1 . 1	2.00	2.00
Acrylonitrile	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td> U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>· U</td><td>i</td><td>1.00</td><td>1.00</td></srl<>	· U	i	1.00	1.00
Carbon Disulfide	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i i	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ü</td><td>î</td><td>1.00</td><td>1.00</td></srl<>	Ü	î	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>· Ü</td><td>î</td><td>1.00</td><td>1.00</td></srl<>	· Ü	î	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>υ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	υ	i	0.50	0.50
Hexane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroform	<srl< td=""><td>Ŭ</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1 1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>Ŭ</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1 1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>l ü</td><td>l i</td><td>0.50</td><td>0.50</td></srl<>	l ü	l i	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td> ŭ </td><td>t : i</td><td>0.50</td><td>0.50</td></srl<>	 ŭ 	t : i	0.50	0.50
1.1.1-Trichloroethane	SRL <srl< td=""><td>Ü</td><td>t i</td><td>0.50</td><td>0.50</td></srl<>	Ü	t i	0.50	0.50
Benzene	<srl< td=""><td>Ü</td><td> </td><td>0.50</td><td>0.50</td></srl<>	Ü	 	0.50	0.50





Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 09/12/2023

PROJECT NO: 231800 Rev 1

DATE REPORTED: 11/15/2023

MATRIX : AIR

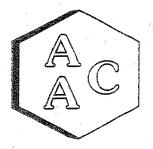
ANALYST: MB

UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-12			Sample		
AAC ID	231800-48647				Method	
Date Sampled	1	09/11/202		Reporting	Reporting	
Date Analyzed		09/12/202	3	Limit	Limit	
Can Dilution Factor		1.00	(SRL)	(MRL)		
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	(WIKIL)	
Carbon Tetrachloride	<srl< td=""><td>U "</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U "	1	0.50	0.50	
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
Bromodichloromethane	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	U	. 1	0.50	0.50	
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00	
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
2,2,4-Trimethylpentane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50	
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
cis-1,3-Dichloropropene	<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U .	1	0.50	0.50	
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50	
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00	
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>C 1 .</td><td>0.50</td><td>0.50</td></srl<>	U	C 1 .	0.50	0.50	
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50	
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00	
Bromoform	<srl:< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl:<>	Ū	1	0.50	0.50	
Styrene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50	
1,1,2,2-Tetrachloroethane	<srl< td=""><td>- U .</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	- U .	1	0.50	0.50	
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
4-Ethyltoluene	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U.	1	0.50	0.50	
1.3.5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50	
1,2,4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50	
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50	
1.3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50	
1,4-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50	
1,2-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1 1	0.50	0.50	
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50	
Hexachlorobutadiene	<srl< td=""><td>Ū</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	Ū	<u> </u>	0.50	0.50	
BFB-Surrogate Std. % Recovery	i.	112%			70-130%	

U - Compound was not detected at or above the SRL.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/12/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity N₂
UNITS: PPB (v/v)

CALIBRATION STD ID: MS1-051623-01

ANALYST: MB

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 07/17/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery 3
4-BFB (surrogate standard)	9.40	10.75	114
Chlorodifluoromethane	5.20	4.55	88
Propene	5.30	4.24	80
Dichlorodifluoromethane	5.20	5.08	98
Dimethyl Ether	5.10	4.04	79
Chloromethane	5,20	4.95	95
Dichlorotetrafluoroethane	5.15	5.20	101
Vinyl Chloride	5.25	4.64	88
Acetaldehyde	10.55	8.62	82
Methanol	9.40	6.69	. 71
1,3-Butadiene	5.30	4.60	87
Bromomethane	5.20	5.83	112
Chloroethane	5.15	4.46	87.
Dichlorofluoromethane	5.10	4.92	96
Ethanol	5.60	4.45	79
Vinyl Bromide	5.05	5.02	99
Acrolein	5,55	4.84	87
Acetone	5.30	4.32	82
Trichlorofluoromethane	5.25	5.37	102
2-Propanol (IPA)	5.50	4.12	75
Acrylonitrile	5.60	4.84	86
1,1-Dichloroethene	5.20	5.14	99
Methylene Chloride (DCM)	5.25	4.88	93
TertButanol (TBA)	5.55	. 4,26	77
Allyl Chloride	5.10	4,40	86 *
Carbon Disulfide	5.25	5.01	95
Trichlorotrifluoroethane	5.20	5.19	100
trans-1,2-Dichloroethene	5.30	5.19	98
1,1-Dichloroethane	5.25	4.79	91
Methyl Tert Butyl Ether (MTBE)	5.25	4.44	85
Vinyl Acetate	5.50	4.92	89
2-Butanone (MEK)	5.30	4.61	87
cis-1,2-Dichloroethene	5.25	5.02	96
Hexane	5.35	4.97	93
Chloroform	5.30	5.21	98
Ethyl Acetate	5.30	4.44	84
Tetrahydrofuran	5.10	4.47	88
1,2-Dichloroethane	5.25	5.13	98
1,1,1-Trichloroethane	5.20	5.12	98
Benzene	5.30	5.11	96
Carbon Tetrachloride	5.10	5.92	116
Cyclohexane	5.25	5.01	- 95

Analyte Compounds (Continued)	Source 1	CCV ²	% Recovery 3
1,2-Dichloropropane	5.25	4.68	89
Bromodichloromethane	5.20	5.48	105
1,4-Dioxane	5.20	5.51	106
Trichloroethene (TCE)	5.20	5.47	.105
2,2,4-Trimethylpentane	5.00	4.69	94
Methyl Methacrylate	5.50	4.98	91
Heptane	5.25	5.08	97
cis-1,3-Dichloropropene	5.20	5.01	96
4-Methyl-2-pentanone (MiBK)	5.20	5.62	108
trans-1,3-Dichloropropene	5.25	5.03	96
1,1,2-Trichloroethane	5.25	5.27	100
Toluene	5.30	5.23	99
2-Hexanone (MBK)	5.25	5.43	103
Dibromochloromethane	5.15	5.76	112
1,2-Dibromoethane	5.30	5.48	103
Tetrachloroethene (PCE)	5.20	5.78	111
Chlorobenzene	5.30	5.06	95
Ethylbenzene	5.25	5.07	97
m & p-Xylene	10.50	10.49	100
Bromoform	5.25	5.65	108
Styrene	5.25	5.11	97
1,1,2,2-Tetrachloroethane	5.25	5.05	96
o-Xylene	5.25	5.06	96
1,2,3-Trichloropropane	5.50	5.47	99
Isopropylbenzene (Cumene)	5.15	5.18	.101
α-Pinene	5.35	5.32	99
2-Chlorotoluene	5.15	4.80	93
n-Propylbenzene	5.05	4.99	99
4-Ethyltoluene	5.15	5.03	98
1,3,5-Trimethylbenzene	5.15	5.07	98
β-Pinene	5.50	5.98	109
1,2,4-Trimethylbenzene	5.15	4.95	96
Benzyl Chloride (a-Chlorotoluene)	5.20	4.49	86
1,3-Dichlorobenzene	5.20	5.28	102
1,4-Dichlorobenzene	5.15	5.11	99
Sec-ButylBenzene	5.05	4.98	99
1,2-Dichlorobenzene	5.30	5.41	102
n-ButylBenzene	5.10	4.92	96
1,2-Dibromo-3-Chloropropane	5.05	4.77	94
1,2,4-Trichlorobenzene	5.50	5.55	101
Naphthalene	5.75	5.85	102
Hexachlorobutadiene	5.50	5.78	- 105

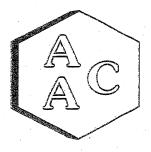
Page 10



¹ Concentration of analyte compound in certified source standard.

² Measured result from daily Continuing Calibration Verification (CCV).

 $^{^3}$ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/12/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity N₂
UNITS: PPB (v/v)

CALIBRATION STD ID: MS1-051623-01

ANALYST: MB

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

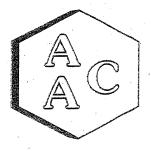
Laboratory Control Spike Analysis

System Monitoring Compounds	Sample Concentration	Spike Added	LCS TRecovery	LCSD ¹ Recovery	LCS ¹ % Recovery ²	LCSD 1 % Recovery 2	RPD ³
4-BFB (surrogate standard)	0.0	9.40	10.75	10.82	114	115	0.6
1,1-Dichloroethene	0.0	5.20	5.14	5.04	99	97	2.0
Methylene Chloride (DCM)	0.0	5.25	4.88	4.74	93	90	2.9
Benzene	0.0	5.30	5.11	5.19	96	98	1.6
Trichloroethene (TCE)	0.0	5.20	5.47	5.61	105	108	2.5
Toluene	0.0	5.30	5.23	5.45	99	103	4.1
Tetrachloroethene (PCE)	0.0	5.20	5.78	5.81	111	112	0.5
Chlorobenzene	0.0	5.30	5.06	5.19	95	98	2.5
Ethylbenzene	0.0	5.25	5.07	5.14	97	98	1.4
m & p-Xylene	0.0	10.50	10.49	10.51	100	100	0.2
o-Xylene	0.0	5.25	5.06	5.15	96	98	1.8

¹ Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/12/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity He or N2

ANALYST: MB

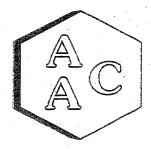
UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 091223	Reporting Limit (RL)
4-BFB (surrogate standard)	112%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0,5</td></rl<>	0,5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>. 0.5</td></rl<>	. 0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5
Allyl Chloride	<rl< td=""><td>1.0</td></rl<>	1.0
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	. <rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>1.0</td></rl<>	1.0
2-Butanone (MEK)	<rl< td=""><td>1.0</td></rl<>	1.0
cis-1,2-Dichloroethene	<rl< td=""><td>0,5</td></rl<>	0,5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichloroethane	<rl< td=""><td>. 0,5</td></rl<>	. 0,5
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	· <rl< td=""><td>0.5</td></rl<>	0.5
Cyclohexane	<rl< td=""><td>0.5</td></rl<>	0.5

Analyte Compounds (Continued)	MB 091223	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>2.0</td></rl<>	2.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>1.0</td></rl<>	1.0
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>2.0</td></rl<>	2.0
Dibromochloromethane	<rl .<="" td=""><td>0,5</td></rl>	0,5
1,2-Dibromoethane	- <rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>. 0.5</td></rl<>	. 0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	· <rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>. 0,5</td></rl<>	. 0,5
1,3-Dichlorobenzene	- <rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>1.0</td></rl<>	1.0
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/12/2023

INSTRUMENT ID: GC/MS-03

MATRIX : Air

ANALYST: MB

UNITS: PPB (v/v)

DILUTION FACTOR¹: x1

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: CCV/LCSD

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	10.8	10.8	0.6
Chlorodifluoromethane	4.55	4.60	1.1
Propene	4.24	4.14	2.4
Dichlorodifluoromethane	5.08	5.11	0.6
Dimethyl Ether	4.04	4.01	0.7
Chloromethane	4.95	4.63	6.7
Dichlorotetrafluoroethane	5.20	5.20	0.0
Vinyl Chloride	4.64	4.74	2.1
Acetaldehyde	8.62	8.94	3.6
Methanol	6.69	6.67	0.3
1,3-Butadiene	4.60	4.69	1.9
Bromomethane	5.83	5.48	6.2
Chloroethane	4.46	4.14	7.4
Dichlorofluoromethane	4.92	5.09	3.4
Ethanol	4.45	4.40	1.1
Vinyl Bromide	5.02	4.95	1.4
Acrolein	4.84	4.47	7.9
Acetone	4.32	4.56	5.4
Trichlorofluoromethane	5.37	5.29	1.5
2-Propanol (IPA)	4.12	4.14	0.5
Acrylonitrile	4.84	4.97	2.7
1,1-Dichloroethene	5.14	5.04	2.0
Methylene Chloride (DCM)	4.88	4.74	2.9
TertButanol (TBA)	4.26	4.18	1.9
Allyl Chloride	4.40	4.47	1.6
Carbon Disulfide	. 5.01	4.95	1.2
Trichlorotrifluoroethane	5.19	5.03	- 3.1
trans-1,2-Dichloroethene	5.19	5.05	2.7
1,1-Dichloroethane	4.79	4.75	0.8
Methyl Tert Butyl Ether (MTBE)	4.44	4.52	1.8
Vinyl Acetate	4.92	4.86	1.2
2-Butanone (MEK)	4.61	4.59	0.4
cis-1,2-Dichloroethene	5.02	4.85	· 3.4
Hexane	4.97	4.56	8.6
Chloroform	5.21	5,06	2.9
Ethyl Acetate	4.44	4.23	4.8
Tetrahydrofuran	4.47	4.27	4.6
1,2-Dichloroethane	5.13	4.95	3.6
1,1,1-Trichloroethane	5.12	5.17	1.0
Benzene	5.11	5.19	1.6
Carbon Tetrachloride	5.92	6.22	4.9
Cyclohexane	5.01	5.29	5.4

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	4.68	4.88	4.2
Bromodichloromethane	5.48	5.80	5.7
1,4-Dioxane	5.51	5.56	0.9
Trichloroethene (TCE)	5.47	5,61	2.5
2,2,4-Trimethylpentane	4.69	4.59	2.2
Methyl Methacrylate	4.98	5.03	1.0
Heptane	5.08	4.81	5.5
cis-1,3-Dichloropropene	5.01	5.19	3.5
4-Methyl-2-pentanone (MiBK)	5.62	5.65	0.5
trans-1,3-Dichloropropene	5.03	5.30	5.2
1,1,2-Trichloroethane	5.27	5.49	4.1
Toluene	5.23	5.45	4.1
2-Hexanone (MBK)	5.43	5.50	1.3
Dibromochloromethane	5.76	5.74	0.3
1,2-Dibromoethane	5.48	5.71	4.1
Tetrachloroethene (PCE)	5.78	5.81	0.5
Chlorobenzene	5.06	5.19	2.5
Ethylbenzene	5.07	5.14	1.4
m & p-Xylene	10.5	10.5	0.2
Bromoform	5.65	5.90	4.3
Styrene	5.11	5.24	2.5
1,1,2,2-Tetrachloroethane	5.05	5.23	3.5
o-Xylene	5.06	5.15	1.8
1,2,3-Trichloropropane	5.47	5,93	8.1
Isopropylbenzene (Cumene)	5.18	5.22	0.8
α-Pinene	5.32	5.45	2.4
2-Chlorotoluene	4.80	5.18	7.6
n-Propylbenzene	4.99	4.97	0.4
4-Ethyltoluene	5.03	5.11	1.6
1,3,5-Trimethylbenzene	5.07	5.13	1.2
β-Pinene	5.98	6.01	0.5
1,2,4-Trimethylbenzene	4.95	5.20	4.9
Benzyl Chloride (a-Chlorotoluene)	4.49	4.77	6.0
1,3-Dichlorobenzene	5.28	5.35	1.3
1,4-Dichlorobenzene	5.11	5.38	5,1
Sec-ButylBenzene	4.98	5.13	3.0
1,2-Dichlorobenzene	5.41	5.43	0.4
n-ButylBenzene	4.92	4.98	1.2
1,2-Dibromo-3-Chloropropane	4.77	4.90	2.7
1,2,4-Trichlorobenzene	5.55	5.87	5.6
Naphthalene	5.85	5.97	2.0
Hexachlorobutadiene	5.78	5.78	0.0

¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

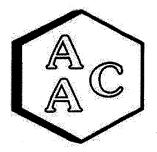
Page 13



² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

 $SRL\ \hbox{-}\ Sample\ Reporting\ Limit\ (minimum)$

		F CUS			00	0			
Client/Project Name SCS Engineus/	Project Location								
Chiquita Canyon Landfill Air/odor Sampling		Vale	Valencia, CA	D			ANALYSES	ES	
	Field Logbook No.					7			
					/(Lis,	\	_	
Sampler: (Print)	(Signature)	:	Z	No. Of Containers	ر ا ا	(2)	\	\	
Charles Roberts	Call	\	1	7	91	5 /	<u></u>	\	
Sample No./ Identification Date Time	Lab Sample Number		Type of Sample		307	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		Rem	Remarks
145-06 9-11/1-23 0900-0900	12984	Ambient		AIV	\forall	_	\rightarrow		
M5-67 9-1/12-23 0900-0900	7498h			X	X				
MS-08 9-11/2-23 0900-0900	64384			×	×				
M5-09 9-11/11-23 0900-0900	48644			×	×				
M5-10 9-1/2-23 0900-0900	4864×			X	×				
M5-11 9-1/2-23 0940-0940	3498r			×	X				
M5-12 9-1/n-23 0900-0900	Ch98 h	<u> </u>		X	X				
Relinguished by: (Signature)			Time	Possinod Lu.		<u> </u>		Data	Timo
	-6 1	q-11-23	1350	Į.			,	CVCV b	0351 50011
Relinquished by: (Signature)		Date	Time	Received by:	ved by: (Signature)	9		Date	Time
Relinquished by: (Signature)		Date	Time	Received for Laboratory: (Signature)	Laboratory	:(Signature)		Date	Time
Sample Disposal Method:		Disposed of by:(Signature)	by: (Signatu	re)		,		Date	Time
Sample Collector		Analytical Laboratory	boratory		-				-
865 Via Lata • Colton, California 92324 (909) 422-1001 Fax (909) 422-0707			7	+40	Ventural	٤			



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon Landfill Air/Odor Sampling

AAC PROJECT NO.

: 231856

REPORT DATE

: 09/21/2023

On September 19, 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) Tedlar Bags for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID
MS-06	231856-48888
MS-07	231856-48889
MS-08	231856-48890
MS-09	231856-48891
MS-10	231856-48892
MS-11	231856-48893
MS-12	231856-48894

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

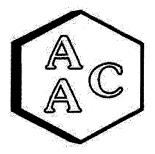
I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. These samples were received in Tedlar Bags, which are considered inappropriate containers by EPA Method TO-15. Per NELAC requirements the analytical results should be considered estimated for these samples. No other problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

ugna Parmar, yn. echnical Director

This report consists of 14 pages.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231856

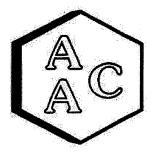
MATRIX : AIR UNITS : PPB (v/v) **DATE RECEIVED: 09/19/2023**

DATE REPORTED: 09/21/2023

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

AAC ID Date Sampled Date Analyzed Can Dilution Factor Compound Chlorodifluoromethane Propene Dichlorodifluoromethane Chloromethane	Result <srl 0.54="" <srl="" <srl<="" th=""><th>231856-488 09/19/202: 09/20/202: 1.00 Qualifier U</th><th>3</th><th>Sample Reporting Limit (SRL) (MRLxDF's)</th><th>Result</th><th>231856-488 09/19/202 09/20/202 1.00</th><th>3 3</th><th>Sample Reporting Limit (SRL)</th><th>Method Reporting Limit (MRL)</th></srl>	231856-488 09/19/202: 09/20/202: 1.00 Qualifier U	3	Sample Reporting Limit (SRL) (MRLxDF's)	Result	231856-488 09/19/202 09/20/202 1.00	3 3	Sample Reporting Limit (SRL)	Method Reporting Limit (MRL)
Date Analyzed Can Dilution Factor Compound Chlorodifluoromethane Propene Dichlorodifluoromethane	<srl <srl 0.54</srl </srl 	09/20/2023 1.00 Qualifier U	3	Limit (SRL)	Result	09/20/2023 1.00	3	Limit (SRL)	Limit
Can Dilution Factor Compound Chlorodifluoromethane Propene Dichlorodifluoromethane	<srl <srl 0.54</srl </srl 	1.00 Qualifier U		(SRL)	Result	1.00		(SRL)	Limit
Compound Chlorodifluoromethane Propene Dichlorodifluoromethane	<srl <srl 0.54</srl </srl 	Qualifier U	Analysis DF		Result				, ,
Chlorodifluoromethane Propene Dichlorodifluoromethane	<srl <srl 0.54</srl </srl 	U	Analysis DF	(MRLxDF's)	Result				
Propene Dichlorodifluoromethane	<srl 0.54</srl 		1		MOUIL	Qualifier	Analysis DF	(MRLxDF's)	(MICE)
Dichlorodifluoromethane	0.54	U		0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
			1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Chloromethane	TODE		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
		U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	12.0		1	5.00	14.7		1	5.00	5.00
	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	ŭ	1	0.50	0.50
Ethanol	7.21		1	2.00	9.02		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Acetone	6.13		1	2.00	4.99		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>2,00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ü</td><td>1</td><td>2,00</td><td>2.00</td></srl<>	Ü	1	2,00	2.00
	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>1.42</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	1.42		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 09/19/2023

PROJECT NO: 231856

MATRIX: AIR

DATE REPORTED: 09/21/2023

ANALYST: DL

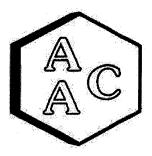
ATRIX : AIR ANALYST : DL
UNITS : PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-06		Sample		MS-07		Sample	
AAC ID		231856-488				231856-488			Method
Date Sampled		09/19/202		Reporting		09/19/202		Reporting	Reporting
Date Analyzed		09/20/202	3 .	Limit		09/20/202	3	Limit	Limit
Can Dilution Factor		1.00		SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(WIKL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Bromodichloromethane	<srl< td=""><td>Ŭ</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<>	U	1	2,00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1,00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1,00</td></srl<>	U	1	1.00	1,00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.55</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.55		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū ·</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ū ·</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū ·	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>ט</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	ט	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>ŭ</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	ŭ	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0,50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0,50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ù</td><td>11</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ù</td><td>11</td><td>0.50</td><td>0,50</td></srl<>	Ù	11	0.50	0,50
1,2,4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
BFB-Surrogate Std. % Recovery		114%				111%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231856

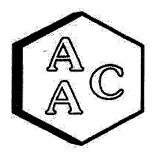
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 09/19/2023

DATE REPORTED: 09/21/2023

ANALYST: DL

Client ID		MS-08		Sample		MS-09		Sample	
AAC ID		231856-48890 09/19/2023			231856-48891			Reporting	Method
Date Sampled				Reporting 09/19/2023 Limit 09/20/2023			Limit	Reporting	
Date Analyzed		09/20/202	.3			09/20/202	3		Limit
Can Dilution Factor		1.00		(SRL)		1.00	r	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	0.52		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	13.2		1	5.00	12.8		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Ethanol	7.66		1	2.00	8.24		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Acetone	5.38		1	2.00	7.40		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ŭ	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>.U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	.U	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ü	1	0.50	0,50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethyl Acetate	1.20		1	0.50	1.37		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	U	ī	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 09/19/2023

PROJECT NO: 231856

DATE REPORTED: 09/21/2023

MATRIX : AIR
UNITS : PPB (v/v)

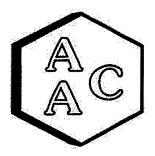
ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID	T T	MS-08 231856-488	390	Sample	231830-48891			Sample		
Date Sampled		09/19/202		Reporting	09/19/2023			Reporting	Reporting	
Date Analyzed		09/20/202	3	Limit		09/20/202	3	Limit	Limit	
Can Dilution Factor		1.00		SRL)		1.00		(SRL)	(MRL)	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MIKL)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	. 1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50	
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50	
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00	
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50	
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50	
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>i</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	i	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00	
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
Toluene	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>i</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ü</td><td>i</td><td>2.00</td><td>2.00</td></srl<>	Ü	i	2.00	2.00	
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i i	0.50	0.50	
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50	
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
Chlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>i</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>i</td><td>0,50</td><td>0.50</td></srl<>	U	i	0,50	0.50	
Ethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50	
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00	
Bromoform	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50	
Styrene	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	î	0.50	0.50	
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>Î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>Ü</td><td>Î</td><td>0.50</td><td>0.50</td></srl<>	Ü	Î	0.50	0.50	
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50	
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50	
1,3,5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50	
1,2,4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50	
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50	
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50	
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>ì</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	ì	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50	
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>Ī</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	Ī	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50	
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i i	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50	
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>î</td><td>0,50</td><td><srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	î	0,50	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	î	0.50	0.50	
BFB-Surrogate Std. % Recovery		116%		' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '		112%		1	70-130%	

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231856

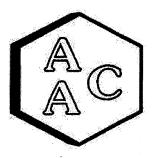
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 09/19/2023

DATE REPORTED: 09/21/2023

ANALYST: DL

Client ID		MS-10		Sample		MS-11		Sample	
AAC ID		231856-488				231856-488			Method
Date Sampled		09/19/202		Reporting	0/11/2023		Reporting Reporting		
Date Analyzed		09/20/202	3	Limit		09/20/202	3	Limit Limit	
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MICL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.51</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.51		1	0.50	0.50
Chloromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	14.7		1	5.00	13.7		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>i</td><td>0,50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0,50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethanol	9.22		1	2.00	7.01	T	1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
Acetone	6.52		1	2.00	5.63		<u> </u>	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>l 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>l 1</td><td>0.50</td><td>0.50</td></srl<>	U	l 1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Acrylonitrile	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U.	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>Ū</td><td>i</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>i</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū	i	2.00	<srl< td=""><td>Ü</td><td>i</td><td>2.00</td><td>2.00</td></srl<>	Ü	i	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>Ū</td><td>i</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>i i</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	i	1.00	<srl< td=""><td>Ü</td><td>i i</td><td>1.00</td><td>1.00</td></srl<>	Ü	i i	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Hexane	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Chloroform	<srl< td=""><td>Ŭ</td><td>l i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	l i	0.50	<srl< td=""><td>Ŭ</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i i	0.50	0.50
Ethyl Acetate	1.20	<u>_</u>	i	0.50	1.43	Ť	l i	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>IJ</td><td> </td><td>0.50</td><td><srl< td=""><td>Ū</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	IJ	 	0.50	<srl< td=""><td>Ū</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i i	0.50	0.50
1.2-Dichloroethane	SRL	Ü	l i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.50	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	î	0.50	0.50
Benzene	<srl< td=""><td>Ŭ</td><td> </td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	 	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231856

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 09/19/2023

DATE REPORTED: 09/21/2023

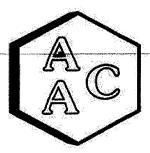
ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID	MS-10 231856-48892		02	Sample		MS-11 231856-488	203	Sample	Method
Date Sampled	09/19/2023			Reporting	09/19/2023			Reporting	
Date Analyzed	09/19/2023			Limit	09/19/2023			Limit	Reporting
Can Dilution Factor	 	1.00	<u></u>	(SRL)		1.00	<u> </u>	(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Toluene	0.51		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ü	1	0,50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
o-Xvlene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ū</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	Ū	ī	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	ī	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
BFB-Surrogate Std. % Recovery		113%				116%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 09/19/2023

PROJECT NO: 231856

DATE REPORTED: 09/21/2023

MATRIX : AIR

ANALYST: DL

UNITS: PPB (v/v)

Client ID		MS-12	Sample			
AAC ID		231856-488		Method		
Date Sampled		09/19/202	Reporting	Reporting		
Date Analyzed		09/20/202	Limit	Limit		
Can Dilution Factor		1,00		(SRL)	(MRL)	
Compound	Result	Qualifier Analysis DF		(MRLxDF's)	(MRL)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00	
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
Dichlorotetrafluoroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50	
Vinyl Chloride	<srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ū	1	0,50	0.50	
Methanol	13.3		1	5.00	5.00	
1.3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
Dichlorofluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50	
Ethanol	8.11		i	2.00	2.00	
Vinvl Bromide	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	i	0.50	0.50	
Acetone	4.64		ī	2.00	2.00	
Trichlorofluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50	
2-Propanol (IPA)	<srl< td=""><td>Ū</td><td>i</td><td>2.00</td><td>2.00</td></srl<>	Ū	i	2.00	2.00	
Acrylonitrile	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50	
1.1-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50	
Methylene Chloride (DCM)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00	
Allyl Chloride	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00	
Carbon Disulfide	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00	
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
trans-1.2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50	
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
Vinyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00	
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00	
cis-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50	
Hexane	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i	0.50	0.50	
Chloroform	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50	
Ethyl Acetate	1.65		i i	0.50	0.50	
Tetrahydrofuran	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i	0.50	0.50	
1,2-Dichloroethane	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50	
1.1.1-Trichloroethane	<srl< td=""><td>Ŭ</td><td>ii</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	ii	0.50	0.50	
Benzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50	
III String III	1010		<u> </u>	<u> </u>	0.50	

Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 09/19/2023

PROJECT NO: 231856

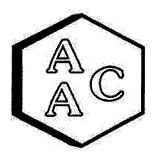
DATE REPORTED: 09/21/2023

MATRIX : AIR

ANALYST: DL

UNITS: PPB (v/v)

Client ID		MS-12	Sample	1	
AAC ID		231856-488		Method	
Date Sampled		09/19/202	Reporting	Reporting	
Date Analyzed		09/20/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	(MIKL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ū	1	0.50	0,50
Chlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ū	1	0.50	0,50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Styrene	<srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ū	1	0,50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xvlene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
BFB-Surrogate Std. % Recovery		118%		7.5.	70-130%



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/20/2023

MATRIX: High Purity N₂

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-03

CALIBRATION STD ID: MS1-051623-01

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 07/17/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery
4-BFB (surrogate standard)	9.40	10.37	110
Chlorodifluoromethane	5.20	4.58	88
Propene	5.30	4.15	78
Dichlorodifluoromethane	5.20	5.22	100
Dimethyl Ether	5.10	4.07	80
Chloromethane	5,20	5.07	98
Dichlorotetrafluoroethane	5,15	5.17	100
Vinyl Chloride	5.25	4.97	95
Acetaldehyde	10.55	8.15	77
Methanol	9.40	6.64	71
1,3-Butadiene	5.30	4.73	89
Bromomethane	5.20	5.84	112
Chloroethane	5.15	4.44	86
Dichlorofluoromethane	5.10	5.04	99
Ethanol	5.60	4.60	82
Vinyl Bromide	5.05	5.01	99
Acrolein	5.55	4.46	80
Acetone	5.30	4.55	86
Trichlorofluoromethane	5,25	5.39	103
2-Propanol (IPA)	5,50	4.25	77
Acrylonitrile	5.60	4.58	82
1,1-Dichloroethene	75,20	5.06	97
Methylene Chloride (DCM)	5.25	4.95	94
TertButanol (TBA)	5.55	4.84	87
Allyl Chloride	5.10	4.44	87
Carbon Disulfide	5.25	4.95	94
Trichlorotrifluoroethane	5.20	5.00	96
trans-1,2-Dichloroethene	5.30	5.24	99
1,1-Dichloroethane	5.25	4.82	92
Methyl Tert Butyl Ether (MTBE)	5,25	4.48	85
Vinyl Acetate	5.50	4.78	87
2-Butanone (MEK)	5.30	4.71	89
cis-1,2-Dichloroethene	5.25	5.02	96
Hexane	5.35	5.27	99
Chloroform	5,30	5.16	97
Ethyl Acetate	5.30	4.31	81
Tetrahydrofuran	5.10	4.16	82
1,2-Dichloroethane	5.25	5.09	97
1,1,1-Trichloroethane	5.20	5.13	99
Benzene	5.30	5.13	97
Carbon Tetrachloride	5.10	6.40	125
Cyclohexane	5.25	5.34	102

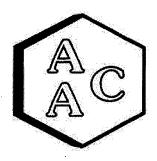
Analyte Compounds (Continued)	Source 1	CCV ²	% Recovery 3
1,2-Dichloropropane	5.25	4.94	94
Bromodichloromethane	5.20	5.60	108
1,4-Dioxane	5.20	5.71	110
Trichloroethene (TCE)	5.20	5.37	103
2,2,4-Trimethylpentane	5,00	4.72	94
Methyl Methacrylate	5.50	4.88	89
Heptane	5.25	5.14	98
cis-1,3-Dichloropropene	5.20	5.02	97
4-Methyl-2-pentanone (MiBK)	5.20	5.77	111
trans-1,3-Dichloropropene	5.25	5.14	98
1,1,2-Trichloroethane	5.25	5.45	104
Toluene	5.30	5.34	101
2-Hexanone (MBK)	5.25	5.66	108
Dibromochloromethane	5.15	5.64	110
1,2-Dibromoethane	5.30	5.28	100
Tetrachloroethene (PCE)	5.20	5.65	109
Chlorobenzene	5.30	5.06	95
Ethylbenzene	5,25	5.16	98
m & p-Xylene	10.50	10.47	100
Bromoform	5.25	5.89	112
Styrene	5.25	5.06	96
1,1,2,2-Tetrachloroethane	5.25	5.24	100
o-Xylene	5,25	5.13	98
1,2,3-Trichloropropane	5.50	5.30	96
Isopropylbenzene (Cumene)	5.15	5.26	102
α-Pinene	5.35	5.47	102
2-Chlorotoluene	5.15	4.89	95
n-Propylbenzene	5.05	4.93	98
4-Ethyltoluene	5.15	5.22	101
1,3,5-Trimethylbenzene	5.15	5.20	101
β-Pinene	5.50	5.94	108
1,2,4-Trimethylbenzene	5.15	5.05	98
Benzyl Chloride (a-Chlorotoluene)	5.20	4.66	90
1,3-Dichlorobenzene	5.20	5.30	102
1,4-Dichlorobenzene	5.15	5.20	101
Sec-ButylBenzene	5.05	5.02	99
1,2-Dichlorobenzene	5.30	5.32	100
n-ButylBenzene	5.10	4.81	94
1,2-Dibromo-3-Chloropropane	5,05	4.83	96
1,2,4-Trichlorobenzene	5.50	5.71	104
Naphthalene	5.75	6.00	104
Hexachlorobutadiene	5.50	5.89	107



¹ Concentration of analyte compound in certified source standard.

² Measured result from daily Continuing Calibration Verification (CCV).

³ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/20/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity N2

CALIBRATION STD ID: MS1-051623-01

UNITS: PPB (v/v)

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

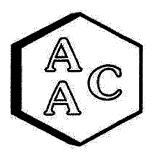
System Monitoring Compounds	Sample	Spike	LCS ¹	LCSD 1	LCS ¹	LCSD 1	RPD ³
System Monitoring Compounds	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	KPD
4-BFB (surrogate standard)	0.0	9.40	10.37	10.01	110	106	3.5
1,1-Dichloroethene	0.0	5.20	5.06	4.86	97	93	4.0
Methylene Chloride (DCM)	0.0	5.25	4.95	4.95	94	94	0.0
Benzene	0.0	5.30	5.13	5.08	97	96	1.0
Trichloroethene (TCE)	0.0	5.20	5.37	5.44	103	105	1.3
Toluene	0.0	5.30	5.34	5.42	101	102	1.5
Tetrachloroethene (PCE)	0.0	5.20	5.65	5.81	109	112	2.8
Chlorobenzene	0.0	5.30	5.06	5.01	95	95	1.0
Ethylbenzene	0.0	5.25	5.16	5.06	98	96	2.0
m & p-Xylene	0.0	10.50	10.47	10.12	100	96	3,4
o-Xylene	0.0	5.25	5.13	5.02	98	96	2.2

¹Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)



² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/20/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity He or N2

ANALYST: DL

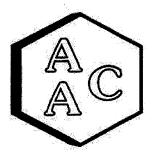
UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 092023	Reporting Limit (RL)
4-BFB (surrogate standard)	108%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0,5</td></rl<>	0,5
Allyl Chloride	<rl< td=""><td>1.0</td></rl<>	1.0
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl.< td=""><td>0.5</td></rl.<>	0.5
Vinyl Acetate	<rl< td=""><td>1.0</td></rl<>	1.0
2-Butanone (MEK)	<rl< td=""><td>1.0</td></rl<>	1.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0,5</td></rl<>	0,5
Cyclohexane	<rl< td=""><td>0.5</td></rl<>	0.5

Analyte Compounds (Continued)	MB 092023	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>2.0</td></rl<>	2.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>1.0</td></rl<>	1.0
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>2.0</td></rl<>	2.0
Dibromochloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propyibenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0,5</td></rl<>	0,5
β-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>1.0</td></rl<>	1.0
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/20/2023

MATRIX : Air

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-03

ANALYST: DL

DILUTION FACTOR¹: x1

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 231856-48893

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	10.9	10.7	1.6
Chlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Propene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorodifluoromethane	0.51	0.51	0.0
Dimethyl Ether	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorotetrafluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Chloride	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Acetaldehyde J	3.86	4.19	8.2
Methanol	13.7	14.6	6.3
1,3-Butadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromomethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethanol	7.01	6.88	1.9
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrolein	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Acetone	5.63	5.45	3.2
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>.NA</td></srl<></td></srl<>	<srl< td=""><td>.NA</td></srl<>	.NA
2-Propanol (IPA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrylonitrile	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methylene Chloride (DCM)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
TertButanol (TBA)	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Allyl Chloride	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Carbon Disulfide	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Trichlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Butanone (MEK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethyl Acetate	I.43	1.45	1.4
Tetrahydrofuran	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Tetrachloride	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Cyclohexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichloroethene (TCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Heptane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
1,1,2-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Toluene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
Tetrachloroethene (PCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
m & p-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromoform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Styrene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
I,1,2,2-Tetrachloroethane	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
o-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Isopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
α-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Ethyltoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3,5-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
β-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
1,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Sec-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
1,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Naphthalene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Hexachlorobutadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon Landfill Air/Odor Sampling

AAC PROJECT NO.

: 231856

REPORT DATE

: 09/20/2023

On September 19TH 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.
MS-06	231856-48888
MS-07	231856-48889
MS-08	231856-48890
MS-09	231856-48891
MS-10	231856-48892
MS-11	231856-48893
MS-12	231856-48894

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D

TechnicalDirector

This report consists of 5 pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 231856

MATRIX : AIR UNITS : ppmv **SAMPLING DATE:** 09/18-19/2023

RECEIVING DATE: 09/19/2023 ANALYSIS DATE: 09/19/2023

REPORT DATE: 09/20/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09
AAC ID	231856-48888	231856-48889	231856-48890	231856-48891
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO. : 231856

MATRIX : AIR UNITS : ppmv

SAMPLING DATE: 09/18-19/2023

RECEIVING DATE: 09/19/2023 ANALYSIS DATE: 09/19/2023

REPORT DATE: 09/20/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-11	MS-12
AAC ID	231856-48892	231856-48893	231856-48894
Analyte	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Quality Control/Quality Assurance Report **SCAQMD 307.91**

Date Analyzed: 9/19/2023

Analyst: Units:

CM/KM

ppmV

Instrument ID: SCD-BTU Calb. Date: : 6/13/2023

Opening Calibration Verification Standard

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
. Initial	873	0.502	100.5	0.0
Duplicate	865	0.497	99.5	0.9
Triplicate	881	0.507	101.4	0.9

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	912	0.554	101.2	2.0
Duplicate	884	0.537	98.1	1.1
Triplicate	886	0.538	98.4	0.9

0.479 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	868	0.478	99.9	0.3
Duplicate	844	0.466	97.2	2.4
Triplicate	884	0.487	101.7	2.2

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< th=""></pql<>

Duplicate Analysis	Sample ID	220521-28939

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0

220521-28939 x2 Matrix Spike & Duplicate

Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
Analyte	Conc.	Added	Result	Result	% Rec **	% Rec **	70 KFD
H ₂ S	<pql< td=""><td>0.250</td><td>0.260</td><td>0.252</td><td>104.1</td><td>100.9</td><td>3.1</td></pql<>	0.250	0.260	0.252	104.1	100.9	3.1
MeSH	<pql< td=""><td>0.274</td><td>0.275</td><td>0.272</td><td>100.5</td><td>99.4</td><td>1.1</td></pql<>	0.274	0.275	0.272	100.5	99.4	1.1
DMS	<pql< td=""><td>0.240</td><td>0.253</td><td>0.258</td><td>105.6</td><td>107.7</td><td>2.0</td></pql<>	0.240	0.253	0.258	105.6	107.7	2.0

Closing Calibration Verification Standard

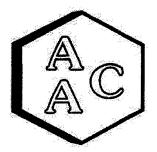
Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.500	0.543	108.7
MeSH	0.548	0.570	104.1
DMS	0.479	0.498	104.0

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.

PQL = 50.0 ppbV

MDL = 1.1 ppbV

Relinquished by: (Signature) Sample Collector Sample Disposal Method: Relinquished by: (Signature) Project No. Client/Project Name SCS Engineers/ Relinquished by; (Signature) Charles Roberts Sampler: (Print) M5-06 MS-09 MJ - 07 M5-1 W-10 MJ-08 10 - T Sample No./ Identification 231856 9-18/9-23 9-18/19-23 19-18/19-23 9-18/19-27 0900-0900 9-18/19-23 q-19/9-23 (1-11/811-b) 865 Via Lata • Colton, California 92324 (909) 422-1001 Fax (909) 422-0707 Environmental Inc. Date 2000 - 0000 0900-0900 0900-0900 0900-0900 0930-0930 3900 - 090U Air/odor sumpling Time he83h 188d 2 (Signature) 18831 8 8820 h 1688h 18887 0288 h Field Logbook No. Project Location Lab Sample Number CHAIN OF CUSTODY RECORD Date Date 9-19-23 Disposed of by: (Signature) **Analytical Laboratory** Valencia, CA Amb ant Time Time Time 1740 Type of Sample Din No. Of Containers AAC Ventura Received for Laboratory: (Signature) Received by: (Signature) Received by: (Signature) X X X X 302.91 × X X Ju/fu Fall List ANALYSES Sings Date Date Date Date Remarks Time ime Time フェン



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon Landfill Air/Odor Sampling

AAC PROJECT NO.

: 231922

REPORT DATE

: 09/27/2023

On September 26, 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) Tedlar Bags for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID
MS-06	231922-49154
MS-07	231922-49155
MS-08	231922-49156
MS-09	231922-49157
MS-10	231922-49158
MS-11	231922-49159
MS-12	231922-49160

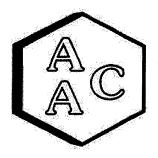
This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. These samples were received in Tedlar Bags, which are considered inappropriate containers by EPA Method TO-15. Per NELAC requirements the analytical results should be considered estimated for these samples. No other problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

This report consists of 14 pages.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231922 MATRIX: AIR

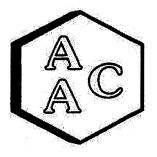
UNITS: PPB (v/v)

DATE RECEIVED: 09/26/2023

DATE REPORTED: 09/27/2023

ANALYST: DL

Client ID		MS-06		61-		MS-07		C1-	
AAC ID		231922-491	54	Sample		231922-491	55	Sample	Method
Date Sampled		09/26/202	3	Reporting		09/26/202	3	Reporting	Reporting
Date Analyzed		09/26/202	3	Limit		09/26/202	3	Limit	Limit
Can Dilution Factor		1,00		(SRL)	L) 1.00			(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MKL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>: 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	: 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	9,69		1	5.00	13.5		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Bromomethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	i	0.50	0.50
Ethanol	7.12		1	2.00	12.9		i	2.00	2.00
Vinyl Bromide	<srl< td=""><td>IJ</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>Î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	IJ	i	0.50	<srl< td=""><td>U</td><td>Î</td><td>0.50</td><td>0.50</td></srl<>	U	Î	0.50	0.50
Acetone	4.88		i i	2.00	5.43		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ū	î	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.64</td><td></td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.64		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>i</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	i	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>Ú</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ú	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroform	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	Ü	ī	0.50	0.50
Ethyl Acetate	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	ī	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Benzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231922

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 09/26/2023

DATE REPORTED: 09/27/2023

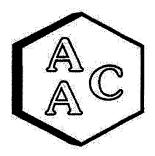
ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-06		Sample		MS-07		Sample	
AAC ID	<u> </u>	231922-491		Reporting		231922-491		Reporting	Method
Date Sampled	ļ. <u></u>	09/26/202		Limit		09/26/202			Reporting
Date Analyzed		09/26/202	3	J 1		09/26/202	3	Limit	Limit
Can Dilution Factor	<u> </u>	1.00	·	(SRL)		1.00	γ	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	()
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ü	1	0.50	0,50
BFB-Surrogate Std. % Recovery		115%				116%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231922

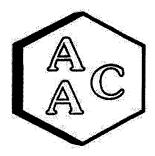
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 09/26/2023

DATE REPORTED: 09/27/2023

ANALYST: DL

Client ID		MS-08		C1-	MS-09			G	
AAC ID		231922-491		Sample		231922-491	57	Sample	Method
Date Sampled		09/26/202	3	Reporting		09/26/202	3	Reporting	Reporting
Date Analyzed		09/26/202	3	Limit		09/26/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MKL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	0.52		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	10.6		1	5.00	16.6		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	6,72	}	1	2.00	7.34		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ŭ	1	0,50	0.50
Acetone	4.20		1	2.00	9.69		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ŭ	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ŭ	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ū</td><td>- 1</td><td>1,00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	- 1	1,00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Hexane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Chloroform	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Tetrahydrofuran	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 09/26/2023

PROJECT NO: 231922

DATE REPORTED: 09/27/2023

MATRIX : AIR
UNITS : PPB (v/v)

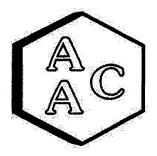
ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-08			Sample		MS-09		Comple	
AAC ID	1	231922-491				231922-491		Sample	Method
Date Sampled		09/26/202		Reporting		09/26/202		Reporting	Reporting
Date Analyzed		09/26/202	3	Limit		09/26/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)	1.00			(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MKL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1,00</td></srl<></td></srl<>	Ŭ	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1,00</td></srl<>	Ū	1	1.00	1,00
trans-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>2,00</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>Ŭ</td><td>1</td><td>2,00</td><td>2.00</td></srl<>	Ŭ	1	2,00	2.00
Dibromochloromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>ם</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	ם	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
1,2,4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>_0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>_0.50</td></srl<>	U	1	0.50	_0.50
BFB-Surrogate Std. % Recovery		117%				119%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231922 MATRIX: AIR

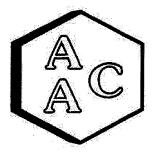
UNITS: PPB (v/v)

DATE RECEIVED: 09/26/2023

DATE REPORTED: 09/27/2023

ANALYST: DL

Client ID		MS-10		Sample MS-11				Sample	
AAC ID		231922-491				231922-491			Method
Date Sampled		09/26/202		Reporting		09/26/202	3	Reporting	Reporting
Date Analyzed		09/26/202	3	Limit		09/26/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Dichlorodifluoromethane	0.53		1	0.50	0.52		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	15.0		1	5.00	12.4		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	7.92		1	2.00	9,77		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Acetone	6.02		1	2.00	5.70		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2,00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2,00</td></srl<>	Ū	1	2.00	2,00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ú</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ú</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ú	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethyl Acetate	1.19		1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzene	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231922

MATRIX : AIR UNITS : PPB (v/v) DATE RECEIVED: 09/26/2023

DATE REPORTED: 09/27/2023

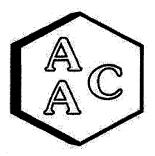
ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID		MS-10 231922-491	58	Sample		MS-11 231922-491	59	Sample	Method
Date Sampled		09/26/202		Reporting		09/26/202		Reporting	Reporting
Date Analyzed	 	09/26/202		Limit	09/26/2023			Limit	
Can Dilution Factor		1.00	-	(SRL) 1.00			(SRL)	Limit	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result Qualifier Analysis DF		(MRLxDF's)		
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<>	U	1	2,00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Heptane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1,00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1,00</td></srl<>	Ū	1	1.00	1,00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	<srl< td=""><td>U</td><td>1.</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1.	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0,50</td></srl<>	Ü	i	0.50	0,50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0,50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0,50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
BFB-Surrogate Std. % Recovery		114%				118%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 09/26/2023

PROJECT NO: 231922

DATE REPORTED: 09/27/2023

MATRIX : AIR
UNITS : PPB (v/v)

ANALYST: DL

1	MS-12	C1-		
1.	231922-491	60		Method
	09/26/202	3		Reporting
	09/26/202	3	Limit	Limit
	1.00		(SRL)	
Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
	U	1	0.50	0.50
	U	1		1.00
		11		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
14.8		1	5.00	5.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
12.4		1	2.00	2.00
<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
7.36		1		2.00
<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
2.81		1		2,00
<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
		1		0.50
		i		1.00
<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
	Ū	1		0.50
<srl< td=""><td>Ū</td><td>1</td><td></td><td>0.50</td></srl<>	Ū	1		0.50
<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
0.80		1		0.50
<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
	Ü	î		0.50
		1		0.50
	Ü	1		0.50
	SRL	231922-491 09/26/202 1.00	231922-49160 09/26/2023 1.00 Result Qualifier Analysis DF SRL U I 1.05 U U 1.05 U U 1.05 U 1.0	Sample Reporting Company Com



Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 09/26/2023

PROJECT NO: 231922

DATE REPORTED: 09/27/2023

MATRIX : AIR
UNITS : PPB (v/v)

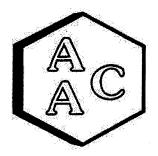
ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-12	Sample		
AAC ID		231922-491			Method
Date Sampled		09/26/202		Reporting	Reporting
Date Analyzed		09/26/202	3	Limit	Limit
Can Dilution Factor		1,00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	(WIKL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	U	. 1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>.U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	.U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Toluene	0.52		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Bromoform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	U	. 1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
o-Xylene	<srl< td=""><td>Ü</td><td><u>1</u></td><td>0.50</td><td>0.50</td></srl<>	Ü	<u>1</u>	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ü	1	0,50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
1,4-Dichlorobenzene	SRL	Ŭ	î	0.50	0.50
1,2-Dichlorobenzene	SRL	Ŭ	1	0.50	0.50
1,2,4-Trichlorobenzene	SRL	Ŭ	1	0.50	0.50
Hexachlorobutadiene	SRL SRL	ij	1	0.50	0.50
BFB-Surrogate Std. % Recovery	-51(1/	111%		0,50	70-130%
II - Compound was not detected at or above	d one	111/0			10-130/0

U - Compound was not detected at or above the SRL.





QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/26/2023

MATRIX: High Purity N2

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-03

CALIBRATION STD ID: MS1-051623-01 ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 07/17/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery
4-BFB (surrogate standard)	9.40	10.91	116
Chlorodifluoromethane	5.20	4.54	87
Propene	5.30	4.10	77
Dichlorodifluoromethane	5,20	5.07	98
Dimethyl Ether	5.10	3.98	78
Chloromethane	5.20	4.57	88
Dichlorotetrafluoroethane	5.15	4.95	96
Vinyl Chloride	5.25	4.41	84
Acetaldehyde	10.55	8.04	76
Methanol	9.40	6.58	70
1,3-Butadiene	5.30	4.18	79
Bromomethane	5.20	5.47	105
Chloroethane	5.15	4.40	85
Dichlorofluoromethane	5,10	4.62	91
Ethanol	5.60	4.28	76
Vinyl Bromide	5.05	4.53	90
Acrolein	5.55	4.36	79
Acetone	5.30	4.21	79
Trichlorofluoromethane	5.25	5.36	102
2-Propanol (IPA)	5.50	4.00	73
Acrylonitrile	5.60	4.10	73
1,1-Dichloroethene	5.20	4.51	87
Methylene Chloride (DCM)	5.25	4.43	84
TertButanol (TBA)	5.55	4.59	83
Allyl Chloride	5.10	4.06	80
Carbon Disulfide	5,25	4.47	85
Trichlorotrifluoroethane	5.20	5.22	100
trans-1,2-Dichloroethene	5,30	4.67	88
1,1-Dichloroethane	5.25	4.46	85
Methyl Tert Butyl Ether (MTBE)	5.25	4.44	85
Vinyl Acetate	5.50	4.51	82
2-Butanone (MEK)	5.30	4.21	79
cis-1,2-Dichloroethene	5.25	4.69	89
Hexane	5.35	5.03	94
Chloroform	5.30	5.04	95
Ethyl Acetate	5.30	4.08	77
Tetrahydrofuran	5.10	4.19	82
1,2-Dichloroethane	5.25	4.98	95
1,1,1-Trichloroethane	5.20	5.08	98
Benzene	5.30	4.77	90
Carbon Tetrachloride	5.10	6.16	121
Cyclohexane	5.25	4.91	94

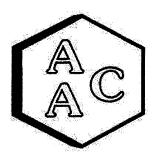
Analyte Compounds (Continued)	Source 1	CCV ²	% Recovery 3
1,2-Dichloropropane	5.25	4.49	86
Bromodichloromethane	5.20	5.38	103
1,4-Dioxane	5,20	5.69	109
Trichloroethene (TCE)	5.20	4.84	93
2,2,4-Trimethylpentane	5.00	4.19	84
Methyl Methacrylate	5.50	4.86	88
Heptane	5.25	4.82	92
cis-1,3-Dichloropropene	5,20	4.63	89
4-Methyl-2-pentanone (MiBK)	5.20	5.85	113
trans-1,3-Dichloropropene	5,25	4.73	90
1,1,2-Trichloroethane	5.25	5.05	96
Toluene	5.30	5.02	95
2-Hexanone (MBK)	5,25	5.41	103
Dibromochloromethane	5.15	5,53	107
1,2-Dibromoethane	5,30	5,13	97
Tetrachloroethene (PCE)	5.20	5.58	107
Chlorobenzene	5.30	5.03	95
Ethylbenzene	5.25	4.92	94
m & p-Xylene	10.50	10.23	97
Bromoform	5.25	5.70	109
Styrene	5.25	5.06	96
1,1,2,2-Tetrachloroethane	5.25	5.02	96
o-Xylene	5.25	4.93	94
1,2,3-Trichloropropane	5.50	5.63	102
Isopropylbenzene (Cumene)	5.15	5.06	98
α-Pinene	5.35	4.94	92
2-Chlorotoluene	5.15	4.84	94
n-Propylbenzene	5.05	4.81	95
4-Ethyltoluene	5.15	5.00	97
1,3,5-Trimethylbenzene	5.15	4.97	97
β-Pinene	5.50	5.53	101
1,2,4-Trimethylbenzene	5.15	4.95	96
Benzyl Chloride (a-Chlorotoluene)	5.20	4.74	91
1,3-Dichlorobenzene	5.20	5.16	99
1,4-Dichlorobenzene	5.15	5.15	100
Sec-ButylBenzene	5.05	4.93	98
1,2-Dichlorobenzene	5.30	5.36	101
n-ButylBenzene	5.10	4.72	93
1,2-Dibromo-3-Chloropropane	5.05	4.80	95
1,2,4-Trichlorobenzene	5.50	5.75	105
Naphthalene	5.75	5.90	103
Hexachlorobutadiene	5.50	5.82	106



¹ Concentration of analyte compound in certified source standard.

² Measured result from daily Continuing Calibration Verification (CCV).

 $^{^3}$ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/26/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity N₂
UNITS: PPB (v/v)

CALIBRATION STD ID: MS1-051623-01

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

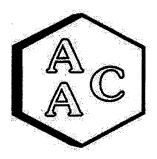
System Monitoring Compounds	Sample	Spike	LCS ¹	LCSD 1	LCS ¹	LCSD ¹	RPD³
	Concentration	Added	Recovery	Recovery	% Recovery ²	% Recovery 2	
4-BFB (surrogate standard)	0.0	9.40	10.91	10.87	116	116	0.4
1,1-Dichloroethene	0.0	5.20	4.51	4.61	87	89	2.2
Methylene Chloride (DCM)	0.0	5.25	4.43	4.50	84	86	1.6
Benzene	0.0	5.30	4.77	4.89	90	92	2.5
Trichloroethene (TCE)	0.0	5.20	4.84	5.18	93	100	6.8
Toluene	0.0	5.30	5.02	5.14	95	97	2.4
Tetrachloroethene (PCE)	0.0	5.20	5.58	5.62	107	108	0.7
Chlorobenzene	0.0	5.30	5.03	4.98	95	94	1.0
Ethylbenzene	0.0	5.25	4.92	4.96	94	94	0.8
m & p-Xylene	0.0	10.50	10.23	10.03	97	96	2.0
o-Xylene	0.0	5.25	4.93	4.85	94	92	1.6

¹ Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)



² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/26/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity He or N2

ANALYST: DL

UNITS: PPB (v/v)

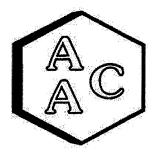
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 092623	Reporting Limit (RL)
4-BFB (surrogate standard)	113%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	·- <rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5
Allyl Chloride	<rl< td=""><td>1.0</td></rl<>	1.0
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>1.0</td></rl<>	1.0
2-Butanone (MEK)	<rl< td=""><td>1.0</td></rl<>	1.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0,5</td></rl<>	0,5
Carbon Tetrachloride	<rl< td=""><td>0,5</td></rl<>	0,5
Cyclohexane	<rl< td=""><td>0,5</td></rl<>	0,5

Anaiyte Compounds (Continued)	MB 092623	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0,5</td></rl<>	0,5
Bromodichloromethane	<rl< td=""><td>0,5</td></rl<>	0,5
1,4-Dioxane	<rl< td=""><td>2.0</td></rl<>	2.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>1.0</td></rl<>	1.0
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>2.0</td></rl<>	2.0
Dibromochloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>1.0</td></rl<>	1.0
Hexachlorobutadiene	<rl< td=""><td>0,5</td></rl<>	0,5





QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/26/2023

INSTRUMENT ID: GC/MS-03

MATRIX: Air

ANALYST: DL

UNITS: PPB (v/v)

DILUTION FACTOR¹: x1

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 231922-49154

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	10.8	11.2	3.8
Chlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Propene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Dichlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Dimethyl Ether	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloromethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Dichlorotetrafluoroethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Vinyl Chloride	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Acetaldehyde	<srl< td=""><td>2.53</td><td>NA</td></srl<>	2.53	NA
Methanol	9.69	9.32	3.9
1,3-Butadiene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Bromomethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Ethanol	7,12	6.57	8.0
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Acrolein	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetone	4.88	4.70	3.8
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Propanol (IPA)	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Acrylonitrile	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methylene Chloride (DCM)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
TertButanol (TBA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Allyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Disulfide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Butanone (MEK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrahydrofuran	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Tetrachloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Cyclohexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichloroethene (TCE)	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Heptane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
trans-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2-Trichloroethane	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Toluene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrachloroethene (PCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chlorobenzene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Ethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
m & p-Xylene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Bromoform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Styrene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2,2-Tetrachloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
o-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Isopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
α-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Ethyltoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3,5-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
β-Pinene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Sec-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
n-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
1,2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Naphthalene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Hexachlorobutadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.



² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon Landfill Air/Odor Sampling

AAC PROJECT NO.

: 231922

REPORT DATE

: 09/27/2023

On September 26th 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.
MS-06	231922-49154
MS-07	231922-49155
MS-08	231922-49156
MS-09	231922-49157
MS-10	231922-49158
MS-11	231922-49159
MS-12	231922-49160

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.

Technical Director

This report consists of 6 pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 231922

MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 09/25-26/2023

RECEIVING DATE: 09/26/2023

ANALYSIS DATE: 09/26/2023 REPORT DATE: 09/27/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09
AAC ID	231922-49154	231922-49155	231922-49156	231922-49157
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 231922

MATRIX : AIR UNITS: ppmv

SAMPLING DATE: 09/25-26/2023 RECEIVING DATE: 09/26/2023

ANALYSIS DATE: 09/26/2023 REPORT DATE: 09/27/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-11	MS-12
AAC ID	231922-49158	231922-49159	231922-49160
Analyte	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 9/26/2023

Analyst: KM Units: ppbV Instrument ID: SCD#10 Calb. Date: : 07/11/2022

Opening Calibration Verification Standard

499.8 ppbV H2S (SS1289)

499.8 ppov HZS (SS128	7			
H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1893	514	102.8	2.0
Duplicate	1838	499	99.8	0.9
Triplicate	1835	498	99.6	1.1

547.5 ppbV H2S (SS1289)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2320	538	98.3	1.4
Duplicate	2429	563	102.9	3.2
Triplicate	2310	536	97.8	1.8

479.0 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2561	484	101.1	1.1
Duplicate	2,487	470	98.2	1.9
Triplicate	2554	483	100.8	0.8

Method Blank

Analyte	Result
H ₂ S	<pql< td=""></pql<>
MeSH	<pql< td=""></pql<>
DMS	<pql< td=""></pql<>

Duplicate Analysis	Sample ID	231187-45761

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
DMS -	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0

Matrix Spike & Duplicate Sample ID 231438-46986 x2

Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
Analyte	Conc.	Added	Result	Result	% Rec **	% Rec **	70 KI D
H ₂ S	<pql< td=""><td>249.9</td><td>253.2</td><td>249.8</td><td>101.3</td><td>100.0</td><td>1.3</td></pql<>	249.9	253.2	249.8	101.3	100.0	1.3
MeSH	<pql< td=""><td>273.8</td><td>291.3</td><td>294.1</td><td>106.4</td><td>107.4</td><td>0.9</td></pql<>	273.8	291.3	294.1	106.4	107.4	0.9
DMS	<pql< td=""><td>239.5</td><td>248.3</td><td>244.5</td><td>103.7</td><td>102.1</td><td>1.6</td></pql<>	239.5	248.3	244.5	103.7	102.1	1.6

www.aaclab.com

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	499.8	486.8	97.4
MeSH	547.5	535.5	97.8
DMS	479.0	511.1	106.7

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD fro ssAS

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbVDMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV



Quality Control/Quality Assurance Report **SCAQMD 307.91**

Date Analyzed: 9/26/2023 Analyst: CM/KM

Units: ppmV

Instrument ID: SCD-BTU Calb. Date: : 6/13/23

Opening Calibration Verification Standard

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	856	0.493	98.6	0.9
Duplicate	873	0.502	100.5	1.1
Triplicate	861	0.496	99.2	0.3

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	918	0.558	101.9	1.6
Duplicate	886	0.538	98.4	2.0
Triplicate	907	0.551	100.7	0.4

0.479 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	883	0.487	101.6	1.2
Duplicate	873	0.481	100.5	0.1
Triplicate	861	0.475	99.1	1.3

Method Blank

Analyte	Result
H ₂ S	<pql< td=""></pql<>
MeSH	<pql< td=""></pql<>
DMS	<pql< td=""></pql<>

Duplicate Anal	ysis		Sample ID	231187-45761
Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0

Matrix Spike & Duplicate 231187-45761 x2

TIAMET IN COPIATO OF 20	- P						
Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
Analyte	Conc.	Added	Result	Résult	% Rec **	% Rec **	70 KG D
H ₂ S	<pql< td=""><td>0.250</td><td>0.269</td><td>0.257</td><td>107.7</td><td>102.9</td><td>4.6</td></pql<>	0.250	0.269	0.257	107.7	102.9	4.6
MeSH	<pql< td=""><td>0.274</td><td>0.278</td><td>0.276</td><td>101.6</td><td>100.8</td><td>0.7</td></pql<>	0.274	0.278	0.276	101.6	100.8	0.7
DMS	<pql< td=""><td>0.240</td><td>0.263</td><td>0.249</td><td>109.8</td><td>104.0</td><td>5.5</td></pql<>	0.240	0.263	0.249	109.8	104.0	5.5

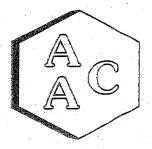
Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.500	0.469	93.8
MeSH	0.548	0.523	95.5
DMS	0.479	0.470	98.1

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.

PQL = 50.0 ppbV MDL = 1.1 ppbV

Chiquita Canyon Project No. Relinquished by: (Signature) Sample Collector Sample Disposal Method: Relinquished by: (Signature) Relinquished by: (Signature) Client/Project Name SCS Engineers Charles Sampler: (Print) NS-17 Ms-09 75- I MS - 08 10-CM 10 - 5W M5-06 Sample No./ Identification Pober to 9-18/26.23 9-15/26-2) 0900 -0900 9-15/26-13 0900-0900 9-15/26-23 0900-0900 9-25/26-23 9-25/26-23/0915-0915 9-25/26-23 0900-0900 865 Via Lata • Colton, California 92324 (909) 422-1001 Fax (909) 422-0707 Environmental Inc. Date Landfill 0900 - 0900 0900 - 0900 Air/odor Sampling Time 19160 (Signature) 2012 25.00 タンして 55166 10151 12 2 Field Logbook No. **Project Location** Lab Sample Number CHAIN OF CUSTODY RECORD Date Date Date 61-01-13 Analytical Laboratory Disposed of by: (Signature) Ambient Valencia, CA Time 1207 Time Time Type of Sample AAO Ventura BIY No. Of Containers Received for Laboratory: (Signature) Received by: (Signature) Received by: (Signature) X X X X X 307.91 Sulfan X X X × といっていた 70-ts Ref List ANALYSES Date Date Date Remarks Time Time Time Time ことの



CLIENT

SCS Engineers

PROJECT NAME

: Chiquita Canyon Landfill Air/Odor Sampling

AAC PROJECT NO.

232011

REPORT DATE

10/04/2023

On October 3, 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) Tedlar Bags for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID
MS-06	232011-49481
MS-07	232011-49482
MS-08	232011-49483
MS-09	232011-49484
MS-10	232011-49485
MS-11	232011-49486
MS-12	232011-49487

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

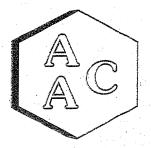
I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. These samples were received in Tedlar Bags, which are considered inappropriate containers by EPA Method TO-15. Per NELAC requirements the analytical results should be considered estimated for these samples. No other problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Yucha Parmar, Ph/II Technical Director

This report consists of 14 pages.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232011 MATRIX: AIR

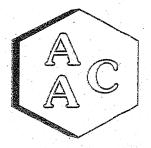
UNITS: PPB (v/v)

DATE RECEIVED: 10/03/2023

DATE REPORTED: 10/04/2023

ANALYST: DL

Client ID		MS-06		6-1		MS-07			
AAC ID		232011-494	481	Sample		232011-494	82	Sample	Method
Date Sampled		10/02/202	3	Reporting		10/02/202		Reporting	Reporting
Date Analyzed	10/03/2023		Limit		10/03/202	Limit	Limit		
Can Dilution Factor	1.00			(SRL)	. 1. 11	1.00		(SRL)	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>l U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>l U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	l U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>. 1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>. 1.00</td><td>1.00</td></srl<>	U	1	. 1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td>0.55</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U .	1	0.50	0.55		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Methanol	5.59		1	5.00	8.40		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1.</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1.	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Sthanol	3.55	1.5	1	2.00	6.05		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	2.62		1	2.00	4.07		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū -</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.00	<srl< td=""><td>Ū -</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū -	1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>- 1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	- 1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
rans-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U.	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinvl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>i</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>i</td><td>1.00</td><td>1.00</td></srl<>	U	i	1.00	1.00
eis-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Iexane	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>- i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	ī	0.50	<srl< td=""><td>Ü</td><td>- i</td><td>0.50</td><td>0.50</td></srl<>	Ü	- i	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>IJ</td><td>i s</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>IJ</td><td>i s</td><td>0.50</td><td>0.50</td></srl<>	IJ	i s	0.50	0.50
Sthyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td><u>i</u> .</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td><u>i</u> .</td><td>0.50</td><td>0.50</td></srl<>	Ü	<u>i</u> .	0.50	0.50
Cetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
.2-Dichloroethane	<srl< td=""><td>. Ŭ .</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>- i - l</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	. Ŭ .	1	0.50	<srl< td=""><td>Ü</td><td>- i - l</td><td>0.50</td><td>0.50</td></srl<>	Ü	- i - l	0.50	0.50
.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>1.</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1.	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Benzene	SRL	IJ	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232011 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 10/03/2023

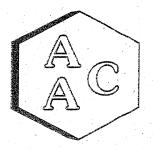
DATE REPORTED: 10/04/2023

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-06		G1-	MS-07				
AAC ID		232011-494	181	Sample		232011-494	182	Sample	Method
Date Sampled		10/02/202	3	Reporting		10/02/202	3	Reporting	Reporting
Date Analyzed		10/03/202	3	Limit		10/03/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)	1.00			(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1.</td><td>0.50</td><td>0:50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1.</td><td>0.50</td><td>0:50</td></srl<>	U	1.	0.50	0:50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	· U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü.	1	0.50	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	i	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U[,]</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U [,]	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U -</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U -</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U -	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	. 1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td><u>î</u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	î	0.50	<srl< td=""><td>Ŭ</td><td><u>î</u></td><td>0.50</td><td>0.50</td></srl<>	Ŭ	<u>î</u>	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>- î</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td> i l</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	- î	0.50	<srl< td=""><td>Ŭ</td><td> i l</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i l	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>IJ</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>IJ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	IJ	î	0.50	0.50
BFB-Surrogate Std. % Recovery	2,015	121%				125%			70-130%

U - Compound was not detected at or above the SRL.



Laboratory Analysis Report

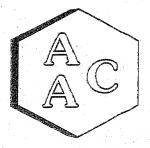
CLIENT: SCS Engineers

PROJECT NO: 232011 MATRIX: AIR UNITS: PPB (v/v) DATE RECEIVED: 10/03/2023

DATE REPORTED: 10/04/2023

ANALYST: DL

Client ID AAC ID		MS-08 232011-494	102	Sample		MS-09	10.4	Sample	34.43
Date Sampled		10/02/202		Reporting		232011-494		Reporting	Method
Date Sumplea Date Analyzed				Limit		10/02/202		Limit	Reporting
Can Dilution Factor		10/03/2023				10/03/202	3		Limit
		1.00		(SRL)	1.00			(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	()
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.53</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.53		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	9.50		1	5.00	13.8		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>- 0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>- 0.50</td></srl<>	U	1	0.50	- 0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	4.58	A1	1	2.00	5.72		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	2.78		1	2.00	12.9		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>U -</td><td>i</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>U -</td><td>i</td><td>2.00</td><td>2.00</td></srl<>	U -	i	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ū</td><td>1</td><td>- 1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	- 1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1.</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1.</td><td>1.00</td><td>1.00</td></srl<>	U	1.	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i i	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1.</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1.</td><td>0.50</td><td>0.50</td></srl<>	Ü	1.	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>. 1</td><td>1,00</td><td><srl< td=""><td>, U</td><td>. 1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	. 1	1,00	<srl< td=""><td>, U</td><td>. 1</td><td>1.00</td><td>1.00</td></srl<>	, U	. 1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>i</td><td>1.00</td><td><srl< td=""><td>Ŭ</td><td>î</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	i	1.00	<srl< td=""><td>Ŭ</td><td>î</td><td>1.00</td><td>1.00</td></srl<>	Ŭ	î	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
Chloroform	<srl< td=""><td>Ü .</td><td>1</td><td>0,50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü .	1	0,50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>1 .</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1 .	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
Benzene	<srl< td=""><td>Ŭ</td><td></td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ		0.50	<srl< td=""><td>Ŭ</td><td></td><td>0.50</td><td>0.50</td></srl<>	Ŭ		0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers PROJECT NO: 232011

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/03/2023

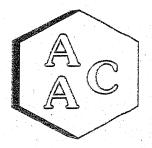
DATE REPORTED: 10/04/2023

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-08	(02	Sample		MS-09	10.1	Sample	
AAC ID		232011-494		Reporting		232011-494		Reporting	Method
Date Sampled		10/02/202		Limit		10/02/202			Reporting
Date Analyzed		10/03/2023				10/03/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MIKL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>Ú</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>. , 1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ú	1	2.00	<srl< td=""><td>U</td><td>. , 1</td><td>2.00</td><td>2.00</td></srl<>	U	. , 1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>, 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>, 1</td><td>0.50</td><td>0.50</td></srl<>	U	, 1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>. 1</td><td>2.00</td><td><srl< td=""><td>Ü.</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	. 1	2.00	<srl< td=""><td>Ü.</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü.	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>· U</td><td>: 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	: 1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<>	Ū	1 .	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U .</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U .</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U .	1	1.00	1.00
Bromoform	<srl< td=""><td>Ū.</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū.	1	0.50	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i	0.50	0.50
Styrene	<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U .	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U.	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
3FB-Surrogate Std. % Recovery		121%	***************************************			122%		T	70-130%

Page 5



Laboratory Analysis Report

CLIENT: SCS Engineers PROJECT NO: 232011

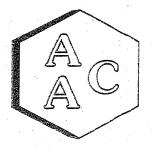
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/03/2023

DATE REPORTED : 10/04/2023

ANALYST: DL

Client ID		MS-10		Sample		MS-11		C1	
AAC ID	4.4	232011-494	185			232011-494	186	Sample	Method
Date Sampled		10/02/202	:3	Reporting		10/02/202		Reporting	Reporting
Date Analyzed	10/03/2023		Limit		10/03/202	Limit	Limit		
Can Dilution Factor	4.1	1.00				1.00		(SRL)	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Dichlorodifluoromethane	0.52		1	0.50	0.50		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>I</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	I	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>.<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	. <srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Methanol	13.8		l i	5,00	7.90		i i	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 1	0.50	<srl< td=""><td>U</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	U	i i	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Ethanol	5.89		i	2.00	3.36		i	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>ĺ</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	ĺ	0.50	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i	0.50	0.50
Acetone	5.48	,	1	2.00	4.00 ·		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>î</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	î	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>Î</td><td>2.00</td><td><srl< td=""><td>Ŭ -</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	Î	2.00	<srl< td=""><td>Ŭ -</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ŭ -	1	2.00	2.00
Acrylonitrile	<srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1 1</td><td>0.50</td><td>0:50</td></srl<></td></srl<>	Ü	i i	0.50	<srl< td=""><td>Ū</td><td>1 1</td><td>0.50</td><td>0:50</td></srl<>	Ū	1 1	0.50	0:50
1.1-Dichloroethene	<srl< td=""><td>Ü</td><td>î i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	î i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>. Ü .</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	. Ü .	1	1.00	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ŭ	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>î</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>Ü</td><td>î</td><td>1.00</td><td>1.00</td></srl<>	Ü	î	1.00	1.00
Carbon Disulfide	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.00	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>· 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	· 1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Vinvl Acetate	<srl< td=""><td>Ü</td><td>î</td><td>1.00</td><td><srl< td=""><td>Ü</td><td></td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	î	1.00	<srl< td=""><td>Ü</td><td></td><td>1.00</td><td>1.00</td></srl<>	Ü		1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>Ŭ</td><td>i</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>i</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ŭ	i	1.00	<srl< td=""><td>Ü</td><td>i</td><td>1.00</td><td>1.00</td></srl<>	Ü	i	1.00	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>-</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>-</td><td>0.50</td><td>0.50</td></srl<>	Ü	-	0.50	0.50
Hexane	<srl< td=""><td>Ŭ</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1 1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>Î</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	Î	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethyl Acetate	0.51		1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Tetrahydrofuran	SRL SRL	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2-Dichloroethane	SRL SRL	Ti.	i	0.50	<srl< td=""><td>Ü</td><td>- i - l</td><td>0.50</td><td>0.50</td></srl<>	Ü	- i - l	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>SRL SRL</td><td>- ii</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	SRL SRL	- ii	1	0.50	0.50
Benzene	SRL SRL	Ü	1	0.50	SRL SRL	U U	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers
PROJECT NO: 232011

MATRIX : AIR UNITS : PPB (v/v) DATE RECEIVED: 10/03/2023

DATE REPORTED: 10/04/2023

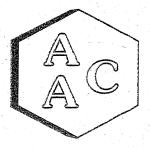
ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID	MS-10 232011-49485			Sample		MS-11 232011-494	186	Sample	Method
Date Sampled		10/02/202		Reporting		10/02/202		Reporting	Reporting
Date Analyzed		10/03/202	3	Limit		10/03/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	
Compound	Result	Qualifier			Qualifier	Qualifier Analysis DF		(MRL)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>. 0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>. 0.50</td></srl<>	U	. 1	0.50	. 0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U.	1	0.50	0.50
Heptane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>. 1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>. 1</td><td>1.00</td><td>1.00</td></srl<>	U	. 1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2,00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2,00</td><td>2.00</td></srl<>	Ū	1	2,00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>· U -</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>· U -</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	· U -	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U:</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U:</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U:	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>i</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>i</td><td>1.00</td><td>1.00</td></srl<>	Ü	i	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	U	î	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>IJ</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>IJ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	IJ	î	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	î	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i i	0.50	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	î	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	î	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>TI I</td><td>i</td><td>0.50</td><td><srl< td=""><td>II</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	TI I	i	0.50	<srl< td=""><td>II</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	II	i	0.50	0.50
BFB-Surrogate Std. % Recovery		121%		- 0.50	יטייה.	122%		<u> </u>	70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

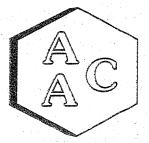
DATE RECEIVED: 10/03/2023

PROJECT NO: 232011

DATE REPORTED: 10/04/2023

MATRIX : AIR UNITS : PPB (v/v) ANALYST: DL

Client ID		MS-12		Commit	
AAC ID		232011-494	87	Sample	Method
Date Sampled		10/02/202	3	Reporting	Reporting
Date Analyzed	1.	10/03/202		Limit	Limit
Can Dilution Factor		1.00		(SRL)	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	0.50		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Methanol	12.7		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethanol	7.16		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i	0.50	0.50
Acetone	4.11		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U -</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U -	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>. U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	. U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	î	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ŭ.</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ŭ.	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>Ü</td><td>i</td><td>1.00</td><td>1.00</td></srl<>	Ü	i	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Hexane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Ethyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	î	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	î	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
Benzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232011 MATRIX: AIR

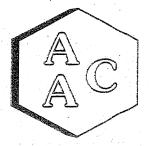
UNITS: PPB (v/v)

DATE RECEIVED: 10/03/2023

DATE REPORTED: 10/04/2023

ANALYST: DL

Client ID AAC ID		MS-12 232011-494	Sample	Method		
Date Sampled		10/02/202		Reporting	Reporting	
Date Analyzed		10/03/202		Limit		
Can Dilution Factor		1.00		(SRL)	Limit	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00	
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
cis-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50	
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00	
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
Toluene	0.70		1	0.50	0.50	
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00	
Dibromochloromethane	<srl< td=""><td>. U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	. U	1	0.50	0.50	
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
Tetrachloroethene (PCE)	<srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i i	0.50	0.50	
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00	
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
1,3,5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50	
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50	
1,3-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50	
1,4-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50	
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50	
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50	
Hexachlorobutadiene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50	
BFB-Surrogate Std. % Recovery	1	122%			70-130%	



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/03/2023

MATRIX: High Purity N₂
UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-03

CALIBRATION STD ID: MS1-051623-01

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 07/17/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery
4-BFB (surrogate standard)	9.40	11.28	120
Chlorodifluoromethane	5.20	4.50	87
Propene	5.30	4.20	79
Dichlorodifluoromethane	5.20	5.05	97
Dimethyl Ether	5.10	3,92	77
Chloromethane	5.20	4.85	93
Dichlorotetrafluoroethane	5.15	5.25	102
Vinyl Chloride	5.25	4.52	86
Acetaldehyde	10.55	8.09	77
Methanol	9.40	6.77	72
1,3-Butadiene	5.30	4.24	80
Bromomethane	5.20	5.63	108
Chloroethane	5.15	3.91	76
Dichlorofluoromethane	5.10	4.65	91
Ethanol	5.60	4.81	86
Vinyl Bromide	5.05	4.84	96
Acrolein	5.55	4.36	79
Acetone	5.30	4.04	76
Trichlorofluoromethane	5.25	5.54	106
2-Propanol (IPA)	5.50	4.45	81
Acrylonitrile	5.60	4.28	76
1,1-Dichloroethene	5.20	4.59	88
Methylene Chloride (DCM)	5.25	4.53	86
TertButanol (TBA)	5.55	5.10	92
Allyl Chloride	5.10	4.44	87
Carbon Disulfide	5.25	4.65	89
richlorotrifluoroethane	5.20	4.94	95
rans-1,2-Dichloroethene	5.30	4.76	90
,1-Dichloroethane	5.25	4,66	89
Methyl Tert Butyl Ether (MTBE)	5,25	4.54	86
/inyl Acetate	5.50	4.60	84
-Butanone (MEK)	5.30	4.15	78
is-1,2-Dichloroethene	5.25	4.59	87
Iexane	5,35	5.07	95
Chloroform	5.30	5.08	96
thyl Acetate	5.30	4.22	80
etrahydrofuran	5.10	4.20	82
,2-Dichloroethane	5.25	5.04	96
,1,1-Trichloroethane	5.20	5.28	102
Benzene	5.30	4.75	90
Carbon Tetrachloride	5.10	6.01	118
cyclohexane	5.25	4.85	92

¹Concentration of analyte compound in certified source standard.

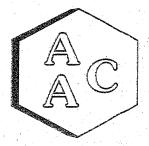
	<u> </u>		
Analyte Compounds (Continued)	Source 1	CCV ²	% Recovery
1,2-Dichloropropane	5.25	4.58	87
Bromodichloromethane	5.20	5.13	99
1,4-Dioxane	5.20	5.96	115
Trichloroethene (TCE)	5.20	5.10	98
2,2,4-Trimethylpentane	5.00	4.03	81
Methyl Methacrylate	- 5.50	4.82	88
Heptane	5.25	4.49	86
cis-1,3-Dichloropropene	5.20	4.68	90
4-Methyl-2-pentanone (MiBK)	5.20	5.47	105
trans-1,3-Dichloropropene	5.25	4.64	88
1,1,2-Trichloroethane	5.25	5.06	- 96
Toluene	5.30	5.04	95
2-Hexanone (MBK)	5.25	5.61	107
Dibromochloromethane	5.15	5.43	105
1,2-Dibromoethane	5.30	4.98	94
Tetrachloroethene (PCE)	5.20	5.33	103
Chlorobenzene	5.30	4.84	91
Ethylbenzene	5.25	4.70	90
m & p-Xylene	10.50	9.63	92
Bromoform	5.25	5.55	106
Styrene	5.25	4.84	92
1,1,2,2-Tetrachloroethane	5.25	4.87	93
o-Xylene	5.25	4.83	92
1,2,3-Trichloropropane	5.50	5:37	98
Isopropylbenzene (Cumene)	5.15	4.93	96
α-Pinene	5.35	4.93	92
2-Chlorotoluene	5.15	5.04	98
n-Propylbenzene	5.05	4.74	94 .
4-Ethyltoluene	5.15	4.88	95
1,3,5-Trimethylbenzene	5.15	4.87	95
β-Pinene	5.50	5.49	100
1,2,4-Trimethylbenzene	5.15	4.76	92
Benzyl Chloride (a-Chlorotoluene)	5.20	4.50	87
1,3-Dichlorobenzene	5.20	5.14	99
1,4-Dichlorobenzene	5.15	4.98	97
Sec-ButylBenzene	5,05	4,73	94
1,2-Dichlorobenzene	5.30	5.32	100
n-ButylBenzene	5.10	4.78	94
1,2-Dibromo-3-Chloropropane	5.05	4.69	93
1,2,4-Trichlorobenzene	5,50	5.44	99
Naphthalene	5.75	5.72	99
Hexachlorobutadiene	5.50	5.61	102

Page 10



² Measured result from daily Continuing Calibration Verification (CCV).

³ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/03/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity N2

CALIBRATION STD ID: MS1-051623-01

UNITS: PPB (v/v)

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

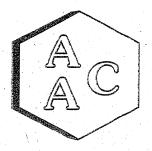
Laboratory Control Spike Analysis

System Monitoring Compounds	Sample Concentration	Spike Added	LCS ¹ Recovery	LCSD ¹ Recovery	LCS ¹ % Recovery ²	LCSD ¹ % Recovery ²	RPD ³
4-BFB (surrogate standard)	0.0	9.40	11.28	11.13	120	118	1.3
1,1-Dichloroethene	0.0	5.20	4.59	4.47	88	86	2.6
Methylene Chloride (DCM)	0.0	5.25	4.53	4.48	86	85	1.1
Benzene	0.0	5.30	4.75	4.64	90	88	2.3
Trichloroethene (TCE)	0.0	5.20	5.10	5.00	98	96	2.0
Toluene	0.0	5.30	5.04	4.95	95	93	1.8
Tetrachloroethene (PCE)	0.0	5.20	5.33	5.58	103	107	4.6
Chlorobenzene	0.0	5.30	4.84	4.84	91	91	0.0
Ethylbenzene	0.0	5.25	4.70	4.77	90	91	1.5
m & p-Xylene	0.0	10.50	9.63	9.91	92	94	2.9
o-Xylene	0.0	5.25	4.83	4.76	92	91	1.5

¹ Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/03/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity He or N2

ANALYST: DL

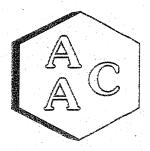
UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 100323	Reporting Limit (RL)
4-BFB (surrogate standard)	118%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl`< td=""><td>2.0</td></rl`<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5
Allyl Chloride	<rl< td=""><td>1.0</td></rl<>	1.0
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
rans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
,1-Dichloroethane	<rl :<="" td=""><td>0.5</td></rl>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>1.0</td></rl<>	1.0
-Butanone (MEK)	<rl< td=""><td>1.0</td></rl<>	1.0
is-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
lexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
etrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0.5</td></rl<>	0.5
Cyclohexane	<rl td="" ·<=""><td>0.5</td></rl>	0.5

Analyte Compounds (Continued)	MB 100323	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>2.0</td></rl<>	2.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>1.0</td></rl<>	1.0
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>2.0</td></rl<>	2.0
Dibromochloromethane	- <rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0,5</td></rl<>	0,5
β-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene		0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>1.0</td></rl<>	1.0
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/03/2023

INSTRUMENT ID: GC/MS-03

MATRIX: Air

ANALYST: DL

UNITS: PPB (v/v)

DILUTION FACTOR 1 : x1

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 232011-49481

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	11.4	11.4	0.2
Chlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Propene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Dichlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA ·</td></srl<></td></srl<>	<srl< td=""><td>NA ·</td></srl<>	NA ·
Dimethyl Ether	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Chloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorotetrafluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetaldehyde	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Methanol	5.59	5.92	5.7
1,3-Butadiene	<srl< td=""><td><srl< td=""><td>NA ·</td></srl<></td></srl<>	<srl< td=""><td>NA ·</td></srl<>	NA ·
Bromomethane	<srl< td=""><td><srl< td=""><td>NA ·</td></srl<></td></srl<>	<srl< td=""><td>NA ·</td></srl<>	NA ·
Chloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethanol	3.55	3.69	3.9
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrolein	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetone	2.62	2.80	6.6
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Propanol (IPA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrylonitrile	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methylene Chloride (DCM)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
FertButanol (TBA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Allyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Disulfide	<srl< td=""><td><srl< td=""><td>· NA</td></srl<></td></srl<>	<srl< td=""><td>· NA</td></srl<>	· NA
Frichlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
rans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NÄ</td></srl<></td></srl<>	<srl< td=""><td>NÄ</td></srl<>	NÄ
1,1-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Acetate	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
2-Butanone (MEK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
is-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>· NA</td></srl<></td></srl<>	<srl< td=""><td>· NA</td></srl<>	· NA
lexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethyl Acetate	<srl< td=""><td><srl< td=""><td>NA NA</td></srl<></td></srl<>	<srl< td=""><td>NA NA</td></srl<>	NA NA
Tetrahydrofuran	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,2-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
,1,1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Carbon Tetrachloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Cyclohexane	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>· NA</td></srl<></td></srl<>	<srl< td=""><td>· NA</td></srl<>	· NA
Trichloroethene (TCE)	<srl< td=""><td>SRL</td><td>NA</td></srl<>	SRL	NA
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Heptane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,1,2-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Toluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrachloroethene (PCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n & p-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromoform	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Styrene	<srl< td=""><td><srl< td=""><td>NA ·</td></srl<></td></srl<>	<srl< td=""><td>NA ·</td></srl<>	NA ·
1,1,2,2-Tetrachloroethane	<srl< td=""><td><srl< td=""><td>. NA</td></srl<></td></srl<>	<srl< td=""><td>. NA</td></srl<>	. NA
o-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
sopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
x-Pinene	<srl< td=""><td><srl< td=""><td>NA NA</td></srl<></td></srl<>	<srl< td=""><td>NA NA</td></srl<>	NA NA
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
-Ethyltoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,3,5-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>· NA</td></srl<></td></srl<>	<srl< td=""><td>· NA</td></srl<>	· NA
3-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
ec-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA ·</td></srl<></td></srl<>	<srl< td=""><td>NA ·</td></srl<>	NA ·
,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA ·</td></srl<></td></srl<>	<srl< td=""><td>NA ·</td></srl<>	NA ·
,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
Japhthalene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Iexachlorobutadiene	<srl< td=""><td><srl< td=""><td>NA NA</td></srl<></td></srl<>	<srl< td=""><td>NA NA</td></srl<>	NA NA

¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

SRL - Sample Reporting Limit (minimum)



² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon Landfill Air/Odor Sampling

AAC PROJECT NO. REPORT DATE

: 232011: 10/04/2023

On October 3rd 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.
MS-06	232011-49481
MS-07	232011-49482
MS-08	232011-49483
MS-09	232011-49484
MS-10	232011-49485
MS-11	232011-49486
MS-12	232011-49487

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.

Technical Director

This report consists of 5 pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232011

MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 10/02-03/2023

RECEIVING DATE: 10/03/2023

ANALYSIS DATE: 10/03/2023

REPORT DATE: 10/04/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09
AAC ID	232011-49481	232011-49482	232011-49483	232011-49484
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232011 MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 10/02-03/2023 RECEIVING DATE: 10/03/2023

ANALYSIS DATE: 10/03/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-11	MS-12
AAC ID	232011-49485	232011-49486	232011-49487
Analyte	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H_2S Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 10/3/2023

Analyst: CM/KM Units: ppmV Instrument ID: SCD-BTU

Calb. Date: : 6/13/23

Opening Calibration Verification Standard

0.500 ppbV H2S (SS1289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	863	0.497	99.4	1.0
Duplicate	842	0.485	97.0	1.5
Triplicate	860	0.495	99.0	0.6

0.548 ppov H28 (88128	7			
MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	904	0.550	100.4	0.6
Duplicate	901	0.547	100.0	1.1
Triplicate	926	0.563	102.8	1.7

0.479 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	841	0.464	96.8	1.0
Duplicate	862	0.475	99.2	1.5
Triplicate	846	0.466	97.3	0.5

Method Blank

Analyte	Result
H ₂ S	<pql< td=""></pql<>
MeSH	<pql< td=""></pql<>
DMS	<pql< td=""></pql<>

Duplicate Analysis			Sample ID	231187-45761
Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
DMS	<poi.< td=""><td><poi< td=""><td>0.000</td><td>0.0</td></poi<></td></poi.<>	<poi< td=""><td>0.000</td><td>0.0</td></poi<>	0.000	0.0

Matrix Spike & Duplicate 231187-45761 x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H ₂ S	<pql< td=""><td>0.250</td><td>0.244</td><td>0.241</td><td>97.6</td><td>96.4</td><td>1.2</td></pql<>	0.250	0.244	0.241	97.6	96.4	1.2
MeSH	<pql< td=""><td>0.274</td><td>0.262</td><td>0.254</td><td>95.7</td><td>92.8</td><td>3.1</td></pql<>	0.274	0.262	0.254	95.7	92.8	3.1
DMS	<pql< td=""><td>0.240</td><td>0.240</td><td>0.234</td><td>100,2</td><td>97.7</td><td>2.5</td></pql<>	0.240	0.240	0.234	100,2	97.7	2.5

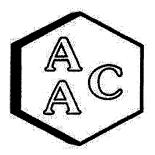
Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.500	0.534	106.9
MeSH	0.548	0.589	107.6
DMS	0.479	0.523	109.2

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD from Mean result.

PQ1. - 50.0 pphV

 $\widehat{MDL} = 1.1 \ ppbV$



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon Landfill Air Odor Sampling

AAC PROJECT NO.

: 232060

REPORT DATE

: 10/12/2023

On October 10, 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Return Pressure (mmHga)
MS-07	232060-49810	753.0
MS-12	232060-49811	760.5
MS-08	232060-49812	715.9
MS-09	232060-49813	757.5
MS-10	232060-49814	752.7
MS-06	232060-49815	741.2
MS-11	232060-49816	10.2

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. Sample "MS-11" (49816) was received with low sample volume. No other problems were encountered during receiving, preparation, and/or analysis of these samples.

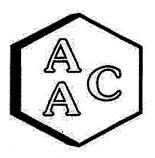
The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, In.L. Technical Director

This report consists of 14 pages.





Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 10/10/2023

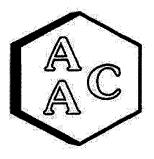
PROJECT NO: 232060

DATE REPORTED: 10/12/2023

MATRIX : AIR
UNITS : PPB (v/v)

ANALYST: DL/CH

Client ID		MS-07		Sample		MS-12		Sample	
AAC ID		232060-498				232060-498			Method
Date Sampled		10/09/202		Reporting		10/09/202		Reporting	Reporting
Date Analyzed		10/10/202	3	Limit		10/10/202	3	Limit	Limit
Can Dilution Factor		1.36		(SRL)		1.34		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.36</td><td>1.48</td><td></td><td>1</td><td>1.34</td><td>1.00</td></srl<>	U	1	1.36	1.48		1	1.34	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Methanol	27.6		1	6,79	<srl< td=""><td>Ŭ</td><td>1</td><td>6.68</td><td>5.00</td></srl<>	Ŭ	1	6.68	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>11</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	11	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Ethanol	36.0		1	2.71	4.09		1	2.67	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Acetone	9.68		1	2.71	5.12		1	2.67	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
2-Propanol (IPA)	3.57		1	2.71	<srl< td=""><td>Ŭ</td><td>1</td><td>2.67</td><td>2.00</td></srl<>	Ŭ	1	2.67	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>. 1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>. 1</td><td>0.67</td><td>0.50</td></srl<>	U	. 1	0.67	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>Ū</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	Ū	1	0.67	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ū</td><td>1</td><td>1.36</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.36	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>1.00</td></srl<>	U	1	1.34	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.36</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.34</td><td>1.00</td></srl<></td></srl<>	U	1	1.36	<srl< td=""><td>Ū</td><td>1</td><td>1.34</td><td>1.00</td></srl<>	Ū	1	1.34	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.67</td><td>2.00</td></srl<></td></srl<>	U	1	2.71	<srl< td=""><td>Ū</td><td>1</td><td>2.67</td><td>2.00</td></srl<>	Ū	1	2.67	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>.0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>.0.67</td><td>0.50</td></srl<>	U	1	.0.67	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.36</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.34</td><td>1.00</td></srl<></td></srl<>	U	1	1.36	<srl< td=""><td>Ü</td><td>1</td><td>1.34</td><td>1.00</td></srl<>	Ü	1	1.34	1.00
2-Butanone (MEK)	4.47		1	1.36	<srl< td=""><td>Ŭ</td><td>1</td><td>1.34</td><td>1.00</td></srl<>	Ŭ	1	1.34	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>Ū</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	Ū	1	0.67	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>Ū</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	Ū	1	0.67	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Ethyl Acetate	1.26		1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Benzene	1.03		1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232060 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 10/10/2023

DATE REPORTED: 10/12/2023

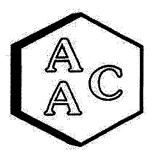
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-07	10	Sample		MS-12 232060-498		Sample	36.41.3
AAC ID		232060-498		Reporting				Reporting	Method
Date Sampled		10/09/202		Limit		10/09/202		Limit	Reporting
Date Analyzed		10/10/202 1.36	3		10/10/2023 1,34				Limit
Can Dilution Factor				(SRL)		1	T	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>ַ</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	ַ	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>0.68</td><td><srl< td=""><td>U</td><td>11</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	11	0.68	<srl< td=""><td>U</td><td>11</td><td>0.67</td><td>0.50</td></srl<>	U	11	0.67	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>0.68</td><td><srl< td=""><td>U</td><td>11</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	11	0.68	<srl< td=""><td>U</td><td>11</td><td>0.67</td><td>0.50</td></srl<>	U	11	0.67	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>11</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>11</td><td>0.67</td><td>0.50</td></srl<>	U	11	0.67	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.36</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>1.00</td></srl<></td></srl<>	U	1	1.36	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>1.00</td></srl<>	U	1	1.34	1.00
Trichloroethene (TCE)	<srl< td=""><td>. U</td><td>11</td><td>0,68</td><td><srl< td=""><td>U</td><td>1</td><td>0,67</td><td>0.50</td></srl<></td></srl<>	. U	11	0,68	<srl< td=""><td>U</td><td>1</td><td>0,67</td><td>0.50</td></srl<>	U	1	0,67	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0,68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0,68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>Ŭ</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	Ŭ	1	0.67	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>Ŭ</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	Ŭ	1	0.67	0.50
Toluene	1.66		1	0.68	<srl< td=""><td>Ŭ</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	Ŭ	1	0.67	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ū</td><td>1</td><td>1.36</td><td><srl< td=""><td>Ū</td><td>1</td><td>1,34</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.36	<srl< td=""><td>Ū</td><td>1</td><td>1,34</td><td>1.00</td></srl<>	Ū	1	1,34	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0,68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0,67</td><td>0.50</td></srl<></td></srl<>	U	1	0,68	<srl< td=""><td>Ü</td><td>1</td><td>0,67</td><td>0.50</td></srl<>	Ü	1	0,67	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0,67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0,67</td><td>0.50</td></srl<>	U	1	0,67	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Chlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0,68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	Ū	1	0,68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Ethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0,67</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0,67</td><td>0.50</td></srl<>	U	1	0,67	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.36</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>1.00</td></srl<></td></srl<>	U	1	1.36	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>1.00</td></srl<>	U	1	1.34	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Styrene	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	Ü	1	0.67	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0,67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0,67</td><td>0.50</td></srl<>	U	1	0,67	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
4-Ethyltoluene	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.68	<srl< td=""><td>Ū</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	Ū	1	0.67	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	Ü	1	0.67	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	Ü	1	0.67	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0,68</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	Ü	1	0,68	<srl< td=""><td>Ū</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	Ū	1	0.67	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.36</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.34</td><td>1.00</td></srl<></td></srl<>	U	1	1.36	<srl< td=""><td>Ü</td><td>1</td><td>1.34</td><td>1.00</td></srl<>	Ü	1	1.34	1.00
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>Î</td><td>2.71</td><td><srl< td=""><td>Ü</td><td>Î</td><td>2.67</td><td>2.00</td></srl<></td></srl<>	Ü	Î	2.71	<srl< td=""><td>Ü</td><td>Î</td><td>2.67</td><td>2.00</td></srl<>	Ü	Î	2.67	2.00
BFB-Surrogate Std. % Recovery		96%		71/-2		94%		7127	70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232060 MATRIX: AIR

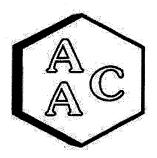
UNITS: PPB (v/v)

DATE RECEIVED: 10/10/2023

DATE REPORTED: 10/12/2023

ANALYST: DL/CH

Client ID		MS-08		Sample		MS-09		Sample	
AAC ID		232060-498	312	, - ,		232060-498	313		Method
Date Sampled		10/09/202	3	Reporting	10/09/2023		Reporting Reporting		
Date Analyzed		10/10/202	3	Limit		10/10/202	3	Limit	Limit
Can Dilution Factor		1.43		(SRL)		1.35		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MIKL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	U	1	0.68	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.43</td><td><srl< td=""><td>U</td><td>1</td><td>1.35</td><td>1.00</td></srl<></td></srl<>	U	1	1.43	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>1.00</td></srl<>	U	1	1.35	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	U	1	0.68	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	U	1	0.68	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	Ū	1	0.68	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	Ū	1	0.68	0.50
Methanol	25.1		1	7.15	25.4		1	6.75	5.00
1.3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0,68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0,68</td><td>0.50</td></srl<>	U	1	0,68	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0,50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0,50</td></srl<>	U	1	0.68	0,50
Chloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.71	<srl< td=""><td>Ŭ</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	Ŭ	1	0.68	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	U	1	0.68	0.50
Ethanol	3.27		1	2.86	12.0		1	2.70	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	U	1	0.68	0.50
Acetone	4.23		1	2.86	15.4		1	2.70	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	Ü	1	0.68	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>i</td><td>2.86</td><td><srl< td=""><td>U</td><td>1</td><td>2.70</td><td>2,00</td></srl<></td></srl<>	U	i	2.86	<srl< td=""><td>U</td><td>1</td><td>2.70</td><td>2,00</td></srl<>	U	1	2.70	2,00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0,71</td><td><srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0,71	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	U	1	0.68	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1 ,</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1 ,</td><td>0.68</td><td>0.50</td></srl<>	U	1 ,	0.68	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.43</td><td><srl< td=""><td>U</td><td>1</td><td>1.35</td><td>1.00</td></srl<></td></srl<>	U	1	1.43	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>1.00</td></srl<>	U	1	1.35	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.43</td><td><srl< td=""><td>U</td><td>1</td><td>1.35</td><td>1.00</td></srl<></td></srl<>	U	1	1.43	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>1.00</td></srl<>	U	1	1.35	1.00
Carbon Disulfide	<srl< td=""><td>Ū</td><td>1</td><td>2.86</td><td><srl< td=""><td>U</td><td>1</td><td>2.70</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.86	<srl< td=""><td>U</td><td>1</td><td>2.70</td><td>2.00</td></srl<>	U	1	2.70	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	U	1	0.68	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	Ū	1	0.68	0.50
1,1-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0,68</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0,68</td><td>0.50</td></srl<>	U	1	0,68	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	U	1	0.68	0.50
Vinyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>1.43</td><td><srl< td=""><td>U</td><td>1</td><td>1.35</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.43	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>1.00</td></srl<>	U	1	1.35	1.00
2-Butanone (MEK)	<srl< td=""><td>Ü</td><td>1</td><td>1.43</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.35</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.43	<srl< td=""><td>Ū</td><td>1</td><td>1.35</td><td>1.00</td></srl<>	Ū	1	1.35	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0,71</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0,71	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	Ū	1	0.68	0.50
Hexane	0.81	1	1	0.71	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	Ū	1	0.68	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	Ü	1	0.68	0.50
Ethyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.71	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	Ü	1	0.68	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.71	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	Ū	1	0.68	0.50
1,2-Dichloroethane	<srl< td=""><td>Ū</td><td>l i</td><td>0.71</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	Ū	l i	0.71	<srl< td=""><td>Ŭ</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	Ŭ	1	0.68	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>l i</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	Ü	l i	0.71	<srl< td=""><td>Ü</td><td>i</td><td>0.68</td><td>0.50</td></srl<>	Ü	i	0.68	0.50
Benzene	<srl< td=""><td>Ū</td><td>l i</td><td>0.71</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	Ū	l i	0.71	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	Ū	1	0.68	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232060

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/10/2023

DATE REPORTED: 10/12/2023

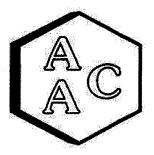
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

		MS-08		Sample MS-09		Camula			
AAC ID		232060-498				232060-498		Sample	Method
Date Sampled		10/09/202		Reporting		10/09/202		Reporting	Reporting
Date Analyzed		10/10/202	3	Limit		10/10/202	3	Limit	Limit
Can Dilution Factor		1.43		SRL)	1,35			(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MKL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>Ŭ</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	Ŭ	1	0.68	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	U	1	0.68	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	Ū	1	0.68	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	Ū	1	0.68	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.43</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.35</td><td>1.00</td></srl<></td></srl<>	U	1	1.43	<srl< td=""><td>Ü</td><td>1</td><td>1.35</td><td>1.00</td></srl<>	Ü	1	1.35	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0,68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0,68</td><td>0.50</td></srl<>	U	1	0,68	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	U	1	0.68	0.50
Heptane	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	U	1	0.68	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	U	1	0.68	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	Ü	1	0.68	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	U	1	0.68	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.71	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	Ū	1	0.68	0.50
Toluene	1.26		1	0.71	0.88		1	0.68	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.43</td><td><srl< td=""><td>U</td><td>1</td><td>1.35</td><td>1.00</td></srl<></td></srl<>	U	1	1.43	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>1.00</td></srl<>	U	1	1.35	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	U	1	0.68	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	U	1	0.68	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	U	1	0.68	0.50
Chlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0,50</td></srl<></td></srl<>	Ū	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0,50</td></srl<>	U	1	0.68	0,50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	Ü	1	0.68	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.43</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.35</td><td>1.00</td></srl<></td></srl<>	U	1	1.43	<srl< td=""><td>Ü</td><td>1</td><td>1.35</td><td>1.00</td></srl<>	Ü	1	1.35	1.00
Bromoform	<srl< td=""><td>Ŭ</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	U	1	0.68	0.50
Styrene	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	U	1	0.68	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	Ü	1	0.68	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	U	1	0.68	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	U	1	0.68	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	U	1	0.68	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	Ü	1	0.68	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>Ŭ</td><td>i</td><td>0.68</td><td>0.50</td></srl<>	Ŭ	i	0.68	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.71	<srl< td=""><td>Ŭ</td><td>1</td><td>0.68</td><td>0.50</td></srl<>	Ŭ	1	0.68	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ū</td><td>i</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.71	<srl< td=""><td>Ū</td><td>i</td><td>0.68</td><td>0.50</td></srl<>	Ū	i	0.68	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.68</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.71	<srl< td=""><td>Ü</td><td>î</td><td>0.68</td><td>0.50</td></srl<>	Ü	î	0.68	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>1.43</td><td><srl< td=""><td>Ü</td><td>i</td><td>1.35</td><td>1.00</td></srl<></td></srl<>	Ŭ	i	1.43	<srl< td=""><td>Ü</td><td>i</td><td>1.35</td><td>1.00</td></srl<>	Ü	i	1.35	1.00
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>2.86</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>2.70</td><td>2.00</td></srl<></td></srl<>	U	1	2.86	<srl< td=""><td>Ŭ</td><td>i</td><td>2.70</td><td>2.00</td></srl<>	Ŭ	i	2.70	2.00
BFB-Surrogate Std. % Recovery		95%				95%		=1	70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232060

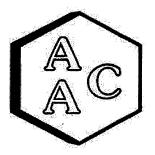
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/10/2023

DATE REPORTED: 10/12/2023

ANALYST: DL/CH

Client ID		MS-10		Sample		MS-06		G1-	
AAC ID		232060-498	314			232060-498	315	Sample	Method
Date Sampled		10/09/202	3	Reporting	10/09/2023		3	Reporting Reporting	
Date Analyzed		10/10/202	3	Limit		10/10/202	3	Limit Limit	
Can Dilution Factor		1.36		(SRL)	1.38		(SRL)	(MRL)	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Propene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.36</td><td><srl< td=""><td>U</td><td>1</td><td>1.38</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	1.36	<srl< td=""><td>U</td><td>1</td><td>1.38</td><td>1.00</td></srl<>	U	1	1.38	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Vinyl Chloride	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Methanol	22.6		1	6.78	9.46		1	6.88	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0,68</td><td><srl< td=""><td>U</td><td>1</td><td>0,69</td><td>0.50</td></srl<></td></srl<>	U	1	0,68	<srl< td=""><td>U</td><td>1</td><td>0,69</td><td>0.50</td></srl<>	U	1	0,69	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>ī</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>ī</td><td>0.69</td><td>0.50</td></srl<>	U	ī	0.69	0.50
Ethanol	5.35		ī	2.71	4.60		1	2.75	2.00
Vinyl Bromide	<srl< td=""><td>IJ</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	IJ	1	0.68	<srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ū	1	0.69	0.50
Acetone	4.85		1	2.71	6.10		i	2,75	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>ī</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	ī	0.68	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td><srl< td=""><td>U</td><td>ī</td><td>2.75</td><td>2.00</td></srl<></td></srl<>	U	1	2.71	<srl< td=""><td>U</td><td>ī</td><td>2.75</td><td>2.00</td></srl<>	U	ī	2.75	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ū	1	0.69	0.50
1.1-Dichloroethene	<srl< td=""><td>Ū</td><td>ī</td><td>0,68</td><td><srl< td=""><td>Ū</td><td>Î.</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ū	ī	0,68	<srl< td=""><td>Ū</td><td>Î.</td><td>0.69</td><td>0.50</td></srl<>	Ū	Î.	0.69	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ü</td><td>i</td><td>1.36</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.38</td><td>1.00</td></srl<></td></srl<>	Ü	i	1.36	<srl< td=""><td>Ū</td><td>1</td><td>1.38</td><td>1.00</td></srl<>	Ū	1	1.38	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>.1</td><td>1.36</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.38</td><td>1.00</td></srl<></td></srl<>	U	.1	1.36	<srl< td=""><td>Ü</td><td>1</td><td>1.38</td><td>1.00</td></srl<>	Ü	1	1.38	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td><srl< td=""><td>U</td><td>1</td><td>2.75</td><td>2.00</td></srl<></td></srl<>	U	1	2.71	<srl< td=""><td>U</td><td>1</td><td>2.75</td><td>2.00</td></srl<>	U	1	2.75	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ū</td><td>i</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.68	<srl< td=""><td>Ū</td><td>i</td><td>0.69</td><td>0.50</td></srl<>	Ū	i	0.69	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Vinvl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>1.36</td><td><srl< td=""><td>U</td><td>i</td><td>1.38</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.36	<srl< td=""><td>U</td><td>i</td><td>1.38</td><td>1.00</td></srl<>	U	i	1.38	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.36</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.38</td><td>1.00</td></srl<></td></srl<>	U	1	1.36	<srl< td=""><td>Ü</td><td>1</td><td>1.38</td><td>1.00</td></srl<>	Ü	1	1.38	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>ī</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>Ü</td><td>ī</td><td>0.69</td><td>0.50</td></srl<>	Ü	ī	0.69	0.50
Hexane	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>Î</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.68	<srl< td=""><td>Ü</td><td>Î</td><td>0.69</td><td>0.50</td></srl<>	Ü	Î	0.69	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ŭ</td><td>î</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.68	<srl< td=""><td>Ŭ</td><td>î</td><td>0.69</td><td>0.50</td></srl<>	Ŭ	î	0.69	0.50
Ethyl Acetate	<srl< td=""><td>Ü</td><td>i</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.68	<srl< td=""><td>Ü</td><td>i</td><td>0.69</td><td>0.50</td></srl<>	Ü	i	0.69	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>i</td><td>0.68</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.68	<srl< td=""><td>Ŭ</td><td>i</td><td>0.69</td><td>0.50</td></srl<>	Ŭ	i	0.69	0.50
1,2-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.68	<srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ŭ	1	0.69	0.50
1.1.1-Trichloroethane	SRL	Ū	1	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
Benzene	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td>0.85</td><td></td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ū	1	0.68	0.85		1	0.69	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232060

MATRIX : AIR UNITS : PPB (v/v) **DATE RECEIVED: 10/10/2023**

DATE REPORTED: 10/12/2023

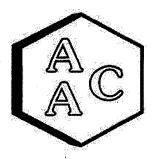
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-10		Sample		MS-06		Sample	
AAC ID_		232060-498		Reporting		232060-498		Reporting	Method
Date Sampled		10/09/202		Limit		10/09/202			Reporting
Date Analyzed		10/10/202	3	1		10/10/202	3	Limit	Limit
Can Dilution Factor		1.36		(SRL)		1.38		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(111112)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>11_</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>11_</td><td>0.69</td><td>0.50</td></srl<>	U	11_	0.69	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.36</td><td><srl< td=""><td>U</td><td>1</td><td>1.38</td><td>1.00</td></srl<></td></srl<>	U	1	1.36	<srl< td=""><td>U</td><td>1</td><td>1.38</td><td>1.00</td></srl<>	U	1	1.38	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>. 1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>. 1</td><td>0.69</td><td>0.50</td></srl<>	U	. 1	0.69	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ū	1	0.69	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ū	1	0.69	0.50
Toluene	1.18		1	0.68	<srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ū	1	0.69	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.36</td><td><srl< td=""><td>U</td><td>1</td><td>1.38</td><td>1.00</td></srl<></td></srl<>	U	1	1.36	<srl< td=""><td>U</td><td>1</td><td>1.38</td><td>1.00</td></srl<>	U	1	1.38	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ŭ	1	0.69	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0,68</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0,68	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.36</td><td><srl< td=""><td>U</td><td>1</td><td>1.38</td><td>1.00</td></srl<></td></srl<>	U	1	1.36	<srl< td=""><td>U</td><td>1</td><td>1.38</td><td>1.00</td></srl<>	U	1	1.38	1.00
Bromoform	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0,69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0,69</td><td>0.50</td></srl<>	Ü	1	0,69	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.68	<srl< td=""><td>Ü</td><td>i</td><td>0.69</td><td>0.50</td></srl<>	Ü	i	0.69	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ŭ	1	0.69	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.36</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.38</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.36	<srl< td=""><td>Ŭ</td><td>1</td><td>1.38</td><td>1.00</td></srl<>	Ŭ	1	1.38	1.00
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>2,71</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>2.75</td><td>2.00</td></srl<></td></srl<>	Ü	1	2,71	<srl< td=""><td>Ŭ</td><td>i</td><td>2.75</td><td>2.00</td></srl<>	Ŭ	i	2.75	2.00
BFB-Surrogate Std. % Recovery		96%			7.7.7.	96%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 10/10/2023

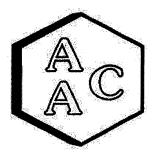
PROJECT NO: 232060

DATE REPORTED: 10/12/2023

MATRIX : AIR
UNITS : PPB (v/v)

ANALYST: DL/CH

Client ID		MS-11	Sample			
AAC ID		232060-498		Reporting	Method	
Date Sampled		10/09/202			Reporting	
Date Analyzed		10/10/202	3	Limit	Limit	
Can Dilution Factor	ļ	101.04		(SRL)	(MRL)	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)		
Chlorodifluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	Ü	1	50.5	0.50	
Propene	<srl< td=""><td>U</td><td>1</td><td>101</td><td>1.00</td></srl<>	U	1	101	1.00	
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50	
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50	
Dichlorotetrafluoroethane	<srl< td=""><td>Ū</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	Ū	1	50.5	0.50	
Vinyl Chloride	<srl< td=""><td>Ŭ</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	Ŭ	1	50.5	0.50	
Methanol	<srl< td=""><td>U</td><td>1</td><td>505</td><td>5.00</td></srl<>	U	1	505	5.00	
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50	
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50	
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50	
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50	
Ethanol	<srl< td=""><td>U</td><td>1</td><td>202</td><td>2.00</td></srl<>	U	1	202	2.00	
Vinyl Bromide	<srl< td=""><td>Ū</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	Ū	1	50.5	0.50	
Acetone	<srl< td=""><td>U</td><td>1</td><td>202</td><td>2.00</td></srl<>	U	1	202	2.00	
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50	
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>202</td><td>2.00</td></srl<>	U	1	202	2.00	
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50	
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50	
Methylene Chloride (DCM)	<srl-< td=""><td>U.</td><td></td><td>101</td><td>1.00</td></srl-<>	U.		101	1.00	
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>101</td><td>1.00</td></srl<>	U	1	101	1.00	
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>202</td><td>2.00</td></srl<>	U	1	202	2.00	
Trichlorotrifluoroethane	<srl< td=""><td>Ū</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	Ū	1	50.5	0.50	
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50	
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50	
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50	
Vinyl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>101</td><td>1.00</td></srl<>	Ū	1	101	1.00	
2-Butanone (MEK)	<srl< td=""><td>Ū</td><td>1</td><td>101</td><td>1.00</td></srl<>	Ū	1	101	1.00	
cis-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	Ü	1	50.5	0.50	
Hexane	<srl< td=""><td>Ü</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	Ü	1	50.5	0.50	
Chloroform	<srl< td=""><td>Ũ</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	Ũ	1	50.5	0.50	
Ethyl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>50,5</td><td>0.50</td></srl<>	Ū	1	50,5	0.50	
Tetrahydrofuran	<srl< td=""><td>Ū</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	Ū	1	50.5	0.50	
1,2-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	Ū	1	50.5	0.50	
1,1,1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	Ü	1	50.5	0.50	
Benzene	<srl< td=""><td>Ū</td><td>i</td><td>50.5</td><td>0.50</td></srl<>	Ū	i	50.5	0.50	



Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 10/10/2023

PROJECT NO: 232060

DATE REPORTED: 10/12/2023

MATRIX : AIR
UNITS : PPB (v/v)

ANALYST: DL/CH

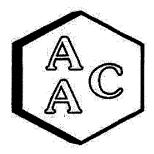
v)

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-11	Sample		
AAC ID	1	232060-498			Method
Date Sampled		10/09/202		Reporting	Reporting
Date Analyzed		10/10/202	3	Limit	Limit
Can Dilution Factor		101.04		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	(WIKL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>101</td><td>1.00</td></srl<>	U	1	101	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>50,5</td><td>0.50</td></srl<>	U	1	50,5	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50
1.1.2-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	Ü	1	50.5	0.50
Toluene	<srl< td=""><td>Ü</td><td>i</td><td>50.5</td><td>0.50</td></srl<>	Ü	i	50.5	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>101</td><td>1.00</td></srl<>	U	1	101	1.00
Dibromochloromethane	<srl< td=""><td>Ū</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	Ū	1	50.5	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>50,5</td><td>0,50</td></srl<>	U	1	50,5	0,50
Ethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>50,5</td><td>0.50</td></srl<>	Ü	1	50,5	0.50
m & p-Xylene	<srl< td=""><td>Ŭ</td><td>1</td><td>101</td><td>1.00</td></srl<>	Ŭ	1	101	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>50,5</td><td>0.50</td></srl<>	U	1	50,5	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>50.5</td><td>0.50</td></srl<>	U	1	50.5	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>50.5</td><td>0.50</td></srl<>	Ŭ	i	50.5	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>i</td><td>50.5</td><td>0.50</td></srl<>	Ü	i	50.5	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>Ī</td><td>50.5</td><td>0.50</td></srl<>	Ü	Ī	50.5	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>50.5</td><td>0.50</td></srl<>	Ü	i	50.5	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>50.5</td><td>0.50</td></srl<>	Ŭ	i	50.5	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>101</td><td>1.00</td></srl<>	Ŭ	i	101	1.00
Hexachlorobutadiene	<srl< td=""><td>Ŭ</td><td>1</td><td>202</td><td>2.00</td></srl<>	Ŭ	1	202	2.00
BFB-Surrogate Std. % Recovery	1	94%			70-130%

U - Compound was not detected at or above the SRL.





Analyte Compounds (Continued)

1,2-Dichloropropane

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/10/2023

MATRIX: High Purity N₂

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-04

CALIBRATION STD ID: MS1-051523-01

ANALYST: DL

Source 1

10.50

 CCV^2

11.41

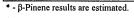
% Recovery 3

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 09/26/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery 3
4-BFB (surrogate standard)	9.40	9.32	99
Chlorodifluoromethane	10.40	11.60	112
Propene	10.60	11.54	109
Dichlorodifluoromethane	10.40	11.27	108
Dimethyl Ether	10.20	10.38	102
Chloromethane	10.40	10.83	104
Dichlorotetrafluoroethane	10.30	10.44	101
Vinyl Chloride	10.50	11.54	110
Acetaldehyde	21.10	20.51	97
Methanol	18.80	18.49	98
1,3-Butadiene	10.60	12.96	122
Bromomethane	10.40	10.72	103
Chloroethane	10.30	10.78	105
Dichlorofluoromethane	10.20	10.92	107
Ethanol	11.20	11.52	103
Vinyl Bromide	10.10	10,01	. 99
Acrolein	11.10	12.41	112
Acetone	10.60	10.36	98
Trichlorofluoromethane	10.50	10.46	100
2-Propanol (IPA)	11.00	12.42	113
Acrylonitrile	11.20	12.58	112
1,1-Dichloroethene	10.40	10.55	101
Methylene Chloride (DCM)	10.50	10.28	98
TertButanol (TBA)	11.10	12.84	116
Allyl Chloride	10.20	10.36	102
Carbon Disulfide	10.50	11.21	107
Trichlorotrifluoroethane	10.40	10.34	99
trans-1,2-Dichloroethene	10.60	11.53	109
1,1-Dichloroethane	10.50	11.56	110
Methyl Tert Butyl Ether (MTBE)	10.50	11.30	108
Vinyl Acetate	11.00	13.16	120
2-Butanone (MEK)	10.60	11.49	108
cis-1,2-Dichloroethene	10.50	10.95	104
Hexane	10,70	11.37	106
Chloroform	10.60	11.15	105
Ethyl Acetate	10.60	12.34	116
Tetrahydrofuran	10.20	10,67	105
1,2-Dichloroethane	10.50	11.32	108
1,1,1-Trichloroethane	10.40	10.95	105
Benzene	10.60	10.86	102
Carbon Tetrachloride	10.20	10.44	102
Cyclohexane	10,50	10.08	96

1,2-Diemoropropane	10.50	11,71	107
Bromodichloromethane	10.40	11.04	106
1,4-Dioxane	10.40	10.56	102
Trichloroethene (TCE)	10.40	10.29	99
2,2,4-Trimethylpentane	10.00	10.92	109
Methyl Methacrylate	11.00	12.47	113
Heptane	10.50	10.94	104
cis-1,3-Dichloropropene	10.40	11.36	109
4-Methyl-2-pentanone (MiBK)	10.40	11.56	111
trans-1,3-Dichloropropene	10.50	11.18	106
1,1,2-Trichloroethane	10.50	10.88	104
Toluene	10.60	10.77	102
2-Hexanone (MBK)	10.50	12.11	115
Dibromochloromethane	10.30	10.95	106
1,2-Dibromoethane	10.60	10.83	102
Tetrachloroethene (PCE)	10.40	10.27	99
Chlorobenzene	10.60	10.22	96
Ethylbenzene	10.50	10.86	103
m & p-Xylene	21.00	21.26	101
Bromoform	10.50	11.18	106
Styrene	10.50	11.17	106
1,1,2,2-Tetrachloroethane	10.50	10.96	104
o-Xylene	10.50	10.56	101
1,2,3-Trichloropropane	11.00	11.49	104
Isopropylbenzene (Cumene)	10.30	10.19	99
α-Pinene	10.70	11.13	104
2-Chlorotoluene	10.30	10.43	101
n-Propylbenzene	10.10	10.12	100
4-Ethyltoluene	10.30	10.31	100
1,3,5-Trimethylbenzene	10.30	10.57	103
β-Pinene	11.00	11.94	109
1,2,4-Trimethylbenzene	10.30	10.30	100
Benzyl Chloride (a-Chlorotoluene)	10.40	9.53	92
1,3-Dichlorobenzene	10.40	10.45	100
1,4-Dichlorobenzene	10.30	10.32	100
Sec-ButylBenzene	10.10	10.27	102
1,2-Dichlorobenzene	10.60	10.33	97
n-ButylBenzene	10.20	10.15	100
1,2-Dibromo-3-Chloropropane	10.10	10.15	100
1,2,4-Trichlorobenzene	11.00	10.75	98
Naphthalene	11.50	10.41	91
Hexachlorobutadiene	11.00	10.58	96

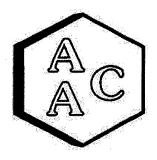




Concentration of analyte compound in certified source standard.

² Measured result from daily Continuing Calibration Verification (CCV).

³ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/10/2023

INSTRUMENT ID: GC/MS-04

MATRIX: High Purity N2

CALIBRATION STD ID: MS1-051523-01

UNITS: PPB (v/v)

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

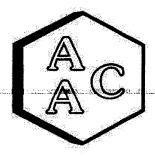
Laboratory Control Spike Analysis

System Monitoring Compounds	Sample	Spike	LCS ¹	LCSD ¹	LCS ¹	LCSD 1	RPD³
System Mondoring Compounds	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	KPD
4-BFB (surrogate standard)	0.0	9.40	9.32	9.31	99	99	0.1
1,1-Dichloroethene	0.0	10.40	10.55	10.25	101	99	2.9
Methylene Chloride (DCM)	0.0	10.50	10.28	9.96	98	95	3.2
Benzene	0.0	10.60	10.86	10.92	102	103	0.6
Trichloroethene (TCE)	0.0	10.40	10.29	10.42	99	100	1.3
Toluene	0.0	10.60	10.77	10.80	102	102	0.3
Tetrachloroethene (PCE)	0.0	10.40	10.27	10.38	99	100	1.1
Chlorobenzene	0.0	10.60	10.22	10.05	96	95	1.7
Ethylbenzene	0.0	10.50	10.86	10.94	103	104	0.7
m & p-Xylene	0.0	21.00	21.26	21.13	101	101	0.6
o-Xylene	0.0	10.50	10.56	10.60	101	101	0.4

¹ Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/10/2023

INSTRUMENT ID: GC/MS-04

MATRIX: High Purity He or N_2

ANALYST: DL

UNITS: PPB (v/v)

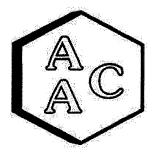
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 101023	Reporting Limit (RL)
4-BFB (surrogate standard)	95%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0,5</td></rl<>	0,5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5
Allyl Chloride	<rl< td=""><td>1.0</td></rl<>	1.0
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>1.0</td></rl<>	1.0
2-Butanone (MEK)	<rl< td=""><td>1.0</td></rl<>	1.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0.5</td></rl<>	0.5
Cyclohexane	<rl< td=""><td>0.5</td></rl<>	0.5

Analyte Compounds (Continued)	MB 101023	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>1.0</td></rl<>	1.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>1.0</td></rl<>	1.0
Dibromochloromethane	<rl< td=""><td>0,5</td></rl<>	0,5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	≪RL	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	- <rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5





QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/10/2023

INSTRUMENT ID: GC/MS-04

MATRIX : Air

ANALYST: DL

UNITS: PPB (v/v)

DILUTION FACTOR¹: x1.36

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 232060-49810

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	9.06	8.84	2.5 .
Chlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Propene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dimethyl Ether	0.84	0.76	10.2
Chloromethane	<srl< td=""><td>0.73</td><td>NA.</td></srl<>	0.73	NA.
Dichlorotetrafluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Chloride	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Acetaldehyde J	4.04	3.52	14.0
Methanol	27.6	26.6	3.6
1,3-Butadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromomethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Ethanol	36.0	36.1	0.2
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrolein	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetone	9.68	9.57	1.1
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
2-Propanol (IPA)	3.57	3,45	3.5
Acrylonitrile	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methylene Chloride (DCM)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
TertButanol (TBA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Allyl Chloride	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Carbon Disulfide	1.38	<srl< td=""><td>NA</td></srl<>	NA
Trichlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Butanone (MEK)	4.47	4.40	1.5
cis-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethyl Acetate	1.26	1.32	4.2
Tetrahydrofuran	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzene	1,03	1.06	2.6
Carbon Tetrachloride	<srl< td=""><td><\$RL</td><td>NA.</td></srl<>	<\$RL	NA.
Cyclohexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichloroethene (TCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Heptane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Toluene	1.66	1.64	0.8
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrachloroethene (PCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
m & p-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromoform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Styrene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
1,1,2,2-Tetrachloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
o-Xylene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Isopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
α-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Ethyltoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3,5-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
β-Ріпепе	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Sec-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
1,2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Naphthalene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexachlorobutadiene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.

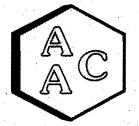
¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

J - Estimated value between the detection limit and the minimum reporting limit, shown for duplication purposes only.



² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%). SRL - Sample Reporting Limit (minimum)

Client/Project Name Sc. Chiquida Canyo Project No. Sampler: (Print) Charles Roberts Sample No./ Identification MS-07 MS-07 MS-09 MS-09	Date Date Date 10-13 4/	Time Time (Si O707-0726 O712-079 O732-075 O747-0804 0801-0819 0848-0909	gnature Field L Proje	Vale Vale	No. Of Con Type of Sample Summa Canister Time Receive Time Receive	RECORD RECORD Received by: (Signature) Received for Laboratory:	G		ANALYSES Caniste Oco8 Oco8 Oco123 Oco123 Oco1328 Oco132		Remarks Controller Controll
	Date	Time	Lab Sample Number	·	Type of Sample		70.15		Cani	l&	atro
MS-07		226-1016	~1981o	<u> </u>	nuna Canis		X		3000	K K	12
71-12	: 5	140-111	11864		mma Cani		×		2100		0
W-08	72	132-0751	71812				X		2100		کا
M>-09		4080 - 1410	79813				X		11100		الإا
Ms-10		١ ـ	48814	-	mma Cani		X		2100	\	Ŏ
MS - 06		1 1	49815	_	mma Cap	5	X		0013	\	3
MS-11		0909 - 6909	79816	1	mma Can	+	X		0013		1%
Relinquished by: (S)ignature)					ceived by: (Signature)	-			₽Ì
C Roll					1037						
Relinquished by: (Signature)	ignature)					ceived by: (S	ignature)				#
Relinquished by: (Signature)	ignature)			Date Ti	me Re	ceived for La	boratory: (Si	gnature)	-	lotio by	<u>,</u> ∏
Sample Disposal Method:	ethod:			Disposed of by:(Signature)	(Signature)					Date	Time
Sample Collector				Analytical Laboratory	ratory DAG	1000					[
·	865 Via Lata • Colton, Californii (909) 422-1001 Fax (909) 42	865 Via Lata • Colton, California 92324 (909) 422-1001 Fax (909) 422-0707		7,	•	7	5 6 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	The sector	~	·	



CLIENT

: SCS Engineers

PROJECT NAME

Chiquita Canyon Landfill Air/Odor Sampling

AAC PROJECT NO.

: 232060

REPORT DATE

: 10/12/2023

On October 10th 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) Six-Liter Silonite canisters for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Return Pressure (mmHg)
MS-07	232060-49810	753.0
MS-12	232060-49811	760.5
MS-08	232060-49812	715.9
MS-09	232060-49813	757.5
MS-10	232060-49814	752.7
MS-06	232060-49815	741.2
MS-11	232060-49816	10.2

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. Sample "MS-11" (AAC ID 232060-49816) was received with low return pressure and as a result, calculated dilution factor was high for this sample. No other problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.I

l'échnical Diréctor

This report consists of 5 pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232060 MATRIX: AIR UNITS: ppmv

SAMPLING DATE: 10/09-10/2023

RECEIVING DATE: 10/10/2023

ANALYSIS DATE: 10/10/2023 **REPORT DATE: 10/12/2023**

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-09
AAC ID	232060-49810	232060-49811	232060-49812	232060-49813
Canister Dil. Fac.	1.4	1.3	1.4	1.4
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.014	< 0.013	< 0.014	< 0.014
COS / SO2	< 0.014	< 0.013	< 0.014	< 0.014
Methyl Mercaptan	< 0.014	< 0.013	< 0.014	< 0.014
Ethyl Mercaptan	< 0.014	< 0.013	< 0.014	< 0.014
Dimethyl Sulfide	< 0.014	< 0.013	< 0.014	< 0.014
Carbon Disulfide	< 0.014	< 0.013	< 0.014	< 0.014
Isopropyl Mercaptan	< 0.014	< 0.013	< 0.014	< 0.014
tert-Butyl Mercaptan	< 0.014	< 0.013	< 0.014	< 0.014
n-Propyl Mercaptan	< 0.014	< 0.013	< 0.014	< 0.014
Methylethylsulfide	< 0.014	< 0.013	< 0.014	< 0.014
sec-Butyl Mercaptan / Thiophene	< 0.014	< 0.013	< 0.014	< 0.014
iso-Butyl Mercaptan	< 0.014	< 0.013	< 0.014	< 0.014
Diethyl Sulfide	< 0.014	< 0.013	< 0.014	< 0.014
n-Butyl Mercaptan	< 0.014	< 0.013	< 0.014	< 0.014
Dimethyl Disulfide	< 0.014	< 0.013	< 0.014	< 0.014
2-Methylthiophene	< 0.014	< 0.013	< 0.014	< 0.014
3-Methylthiophene	< 0.014	< 0.013	< 0.014	< 0.014
Tetrahydrothiophene	< 0.014	< 0.013	< 0.014	< 0.014
Bromothiophene	< 0.014	< 0.013	< 0.014	< 0.014
Thiophenol	< 0.014	< 0.013	< 0.014	< 0.014
Diethyl Disulfide	< 0.014	< 0.013	< 0.014	< 0.014
Total Unidentified Sulfur	< 0.014	< 0.013	< 0.014	< 0.014
Total Reduced Sulfurs	< 0.014	< 0.013	< 0.014	< 0.014

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232060 MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 10/09-10/2023

RECEIVING DATE: 10/10/2023

ANALYSIS DATE: 10/10/2023

REPORT DATE: 10/12/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-06	MS-11
AAC ID	232060-49814	232060-49815	232060-49816
Canister Dil. Fac.	1.4	1.4	101
Analyte	Result	Result	Result
Hydrogen Sulfide	< 0.014	< 0,014	< 1.010
COS / SO2	< 0.014	< 0.014	< 1.010
Methyl Mercaptan	< 0.014	< 0.014	< 1.010
Ethyl Mercaptan	< 0.014	< 0.014	< 1.010
Dimethyl Sulfide	< 0.014	< 0.014	< 1.010
Carbon Disulfide	< 0.014	< 0.014	< 1.010
Isopropyl Mercaptan	< 0.014	< 0.014	< 1.010
tert-Butyl Mercaptan	< 0.014	< 0.014	< 1.010
n-Propyl Mercaptan	< 0.014	< 0.014	< 1.010
Methylethylsulfide	< 0.014	< 0.014	< 1.010
sec-Butyl Mercaptan / Thiophene	< 0.014	< 0.014	< 1.010
iso-Butyl Mercaptan	< 0.014	< 0.014	< 1.010
Diethyl Sulfide	< 0.014	< 0.014	< 1.010
n-Butyl Mercaptan	< 0.014	< 0.014	< 1.010
Dimethyl Disulfide	< 0.014	< 0.014	< 1.010
2-Methylthiophene	< 0.014	< 0.014	< 1.010
3-Methylthiophene	< 0.014	< 0.014	< 1.010
Tetrahydrothiophene	< 0.014	< 0.014	< 1.010
Bromothiophene	< 0.014	< 0.014	< 1.010
Thiophenol	< 0.014	< 0.014	< 1.010
Diethyl Disulfide	< 0.014	< 0.014	< 1.010
Total Unidentified Sulfur	< 0.014	< 0.014	< 1.010
Total Reduced Sulfurs	< 0.014	< 0.014	< 1.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.

^{**}Sample "MS-11"(232060-49816) received with low return pressure**



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 10/10/2023

Analyst: KM Units: ppbV Instrument ID: SCD#10 Calb. Date: : 07/11/2022

Opening Calibration Verification Standard

499.8 ppbV H2S (SS1289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1818	493	98.7	1.1
Duplicate	1858	504	100.9	1.1
Triplicate	1840	499	99.9	0.1

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2381	552	100.9	0.7
Duplicate	2368	549	100.3	0.1
Triplicate	2347	544	99.4	0.8

479.0 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2496	472	98.5	1.3
Duplicate	2521	477	99.5	0.3
Triplicate	2567	485	101.3	1.5

Method Blank

Analyte	Result		
H ₂ S	<pql< th=""></pql<>		
MeSH	<pql< th=""></pql<>		
DMS	<pql< th=""></pql<>		

Duplicate Analysis			Sample ID	231187-45761
Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0

Matrix Spike & Duplicate Sample ID 231438-46986 x2

THE PARTY OF THE PARTY OF THE	- apiroute		DHAMPIC AD	201 100 10700			
Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
	Conc.	Added	Result	Result	% Rec **	% Rec **	
H ₂ S	<pql< td=""><td>249.9</td><td>269.6</td><td>253.8</td><td>107.9</td><td>101.6</td><td>6.0</td></pql<>	249.9	269.6	253.8	107.9	101.6	6.0
MeSH	<pql< td=""><td>273.8</td><td>284.1</td><td>282.9</td><td>103.8</td><td>103.4</td><td>0.4</td></pql<>	273.8	284.1	282.9	103.8	103.4	0.4
DMS	<pql< td=""><td>239.5</td><td>262,4</td><td>262.1</td><td>109.5</td><td>109.4</td><td>0.1</td></pql<>	239.5	262,4	262.1	109.5	109.4	0.1

Closing Calibration Verification Standard

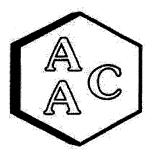
Analyte	Std. Conc.	Result	% Rec **	
H ₂ S	499.8	475.4	95.1	
MeSH	547.5	579.2	105.8	
DMS	DMS 479.0		102,4	

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD fro. ssAS

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbV DMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV

CHAIN OF CUSTODY RECORD 232060

Client/Project Name S	SCS Engineers	2053/	Project Location				1					
Chiamita Canvon		ill Pir/Odor Sampling	_	Volencia.	Liq. CA							
Proječt No.			Field Logbook No.						54			
								/Fun		\		
Sampler: (Frint)			(Signature)			No. Of Containers	ers	Fa//				
Churks Roberts			O Roll	The state of the s	Autoritischen der erweit ibereit der der erweiten)	291	(S)				
Sample No./ Identification	Date	Time	Lab Sample Number		Type of		30/50/	70.			20	5
	10-4/10-2)	9260-6019	~1981o	6 6	Summic Canister	nister x	c ×			000811		17595
M5-17 10-	10-0/10-2)	(40-1110	118 b h	66	Swmma Co	")	X			00127	Park I	03608
M-08	16-4/10-23	0732-0751	41812	613	1		X			152100	M	996000
M5-09 10-	10-9/0-23	1080 - LPLO	49813	613	ı		×			611100	1	165
MS-10 10-	10-0/10-23	1801-0819	4 8 14 18 6 h	613	1.		×			001221	1	CC0808
M3 - 06 110 -	10-9/6-27	0820-0839	71861	6	Summa C		X			001378	\ .	05254
M5-11 (0-	(0-9/10-2)	०९४५ - ७१०न	79816	600	Swmma C	Canisher >	X			001373		136
Relinquished by: (Signature)	ure)			Date	Time	Received by: (Signature)	y: (Signat	ure)		Da	Date	Time
C Roll				0-0.0	1037				· ·			
Keiinquisned by: (Signature)	ure)			Date	Time	Received by: (Signature)	y: (Signat	ure)			Date	Time
Relinquished by: (Signature)	ure)			Date	lime	Received for	or Laborat	ived for Laboratory: (Signature)	ture)		Date	Time
Sample Disposal Method:	•• •			Disposed of by:(Signature)	by: (Signatur	(6) Karanan	approprietation in the second			9	Date	300
Sample Collector	Environm Environm	Environmental Inc		Analytical Laboratory		AAC Jes	Ventura					
(9	Via Lata • (09) 422-100	865 Via Lata • Colton, California 92324 (909) 422-1001 Fax (909) 422-0707			2 (2)			724000	K Are 's			



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon Landfill Air Odor Sampling

AAC PROJECT NO.

: 232133

REPORT DATE

: 10/20/2023

On October 17, 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Return Pressure (mmHga)
MS-07	232133-50190	645.9
MS-12	232133-50191	672.2
MS-08	232133-50192	687.0
MS-09	232133-50193	602.4
MS-10	232133-50194	438.1
MS-06	232133-50195	644.9
MS-11	232133-50196	561.1

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

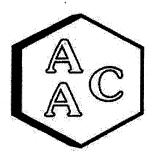
I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Technical Director

This report consists of 14 pages.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232133 MATRIX: AIR

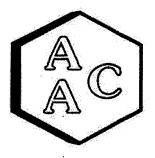
UNITS: PPB (v/v)

DATE RECEIVED: 10/17/2023

DATE REPORTED: 10/20/2023

ANALYST: DL/CH

Client ID		MS-07		Sample		MS-12		Sample	
· AAC ID		232133-501				232133-501			Method
Date Sampled		10/16/202		Reporting		10/16/202		Reporting	Reporting
Date Analyzed		10/19/202	3	Limit		10/19/202	3	Limit	Limit
Can Dilution Factor		1.58		(SRL)		1.52		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>Ü</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	Ü	1	0.76	0.50
Propene	<srl< td=""><td>U</td><td>1 .</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.52</td><td>1.00</td></srl<></td></srl<>	U	1 .	1.58	<srl< td=""><td>U</td><td>1</td><td>1.52</td><td>1.00</td></srl<>	U	1	1.52	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>Ü</td><td>11</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>Ü</td><td>11</td><td>0.76</td><td>0.50</td></srl<>	Ü	11	0.76	0.50
Chloromethane	<srl< td=""><td>U</td><td>11</td><td>0.79</td><td>0.85</td><td><u> </u></td><td>11</td><td>0.76</td><td>0.50</td></srl<>	U	11	0.79	0.85	<u> </u>	11	0.76	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
Methanol	28.6		1	7.91	16.4		1	7.62	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
Dichlorofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
Ethanol	8.24		1	3.16	12,1		1	3.05	2.00
Vinyl Bromide	<srl< td=""><td>Ü</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
Acetone	6,53		1	3.16	6.22		1	3.05	2.00
Trichlorofluoromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>3.16</td><td><srl< td=""><td>U</td><td>1</td><td>3.05</td><td>2.00</td></srl<></td></srl<>	U	1	3.16	<srl< td=""><td>U</td><td>1</td><td>3.05</td><td>2.00</td></srl<>	U	1	3.05	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0,79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0,79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.52</td><td>1.00</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>Ŭ</td><td>1</td><td>1.52</td><td>1.00</td></srl<>	Ŭ	1	1.52	1.00
Allyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>1.58</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.52</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.58	<srl< td=""><td>Ŭ</td><td>1</td><td>1.52</td><td>1.00</td></srl<>	Ŭ	1	1.52	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>3.16</td><td><srl< td=""><td>U</td><td>1</td><td>3.05</td><td>2.00</td></srl<></td></srl<>	U	1	3.16	<srl< td=""><td>U</td><td>1</td><td>3.05</td><td>2.00</td></srl<>	U	1	3.05	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>Ŭ</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	Ŭ	1	0.76	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>Ŭ</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	Ŭ	1	0.76	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>Ŭ</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	Ŭ	1	0.76	0.50
Vinvl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.52</td><td>1.00</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.52</td><td>1.00</td></srl<>	U	1	1.52	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.52</td><td>1.00</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.52</td><td>1.00</td></srl<>	U	1	1.52	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
Hexane	<srl< td=""><td>Ü</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0,50</td></srl<>	U	1	0.76	0,50
Ethyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>1</td><td>0,79</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	Ü	1	0,79	<srl< td=""><td>Ü</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	Ü	1	0.76	0.50
1.2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.79</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.79	<srl< td=""><td>Ū</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	Ū	1	0.76	0.50
Benzene	1.84		1	0.79	<srl< td=""><td>Ū</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	Ū	1	0.76	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232133 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 10/17/2023

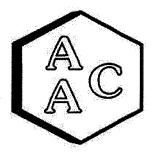
DATE REPORTED: 10/20/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-07		Sample		MS-12		Sample	
AAC ID		232133-501		Reporting		232133-501		Reporting	Method
Date Sampled		10/16/202				10/16/202			Reporting
Date Analyzed		10/19/202	3	Limit		10/19/202	3	Limit	Limit
Can Dilution Factor		1.58		(SRL)		1.52		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	()
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>Ü</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	Ü	1	0.76	0.50
Cyclohexane	0.98		1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>11</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>U</td><td>11</td><td>0.76</td><td>0.50</td></srl<>	U	11	0.76	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>11</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>U</td><td>11</td><td>0.76</td><td>0.50</td></srl<>	U	11	0.76	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.52</td><td>1.00</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.52</td><td>1.00</td></srl<>	U	1	1.52	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>11</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>U</td><td>11</td><td>0.76</td><td>0.50</td></srl<>	U	11	0.76	0.50
2,2;4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0,79</td><td><srl< td=""><td>U</td><td>11</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0,79	<srl< td=""><td>U</td><td>11</td><td>0.76</td><td>0.50</td></srl<>	U	11	0.76	0.50
Heptane	<srl< td=""><td>U</td><td>ī</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	ī	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ü</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
Toluene	3.13		1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ū</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.52</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.52</td><td>1.00</td></srl<>	U	1	1.52	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0,76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0,76</td><td>0.50</td></srl<>	U	1	0,76	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>Ü</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	Ü	1	0.76	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.52</td><td>1.00</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.52</td><td>1.00</td></srl<>	U	1	1.52	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0,76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0,76</td><td>0.50</td></srl<>	U	1	0,76	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0,76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0,76</td><td>0.50</td></srl<>	U	1	0,76	0.50
o-Xvlene	<srl< td=""><td>Ü</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0,76</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0,76</td><td>0.50</td></srl<>	U	1	0,76	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.79</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.79	<srl< td=""><td>Ū</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	Ū	1	0.76	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td><srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	U	1	0.79	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td>0.50</td></srl<>	U	1	0.76	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ū</td><td>1</td><td>0.79</td><td><srl< td=""><td>Ū</td><td>ī</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.79	<srl< td=""><td>Ū</td><td>ī</td><td>0.76</td><td>0.50</td></srl<>	Ū	ī	0.76	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ū</td><td>i i</td><td>0.79</td><td><srl< td=""><td>Ū</td><td>i</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	Ū	i i	0.79	<srl< td=""><td>Ū</td><td>i</td><td>0.76</td><td>0.50</td></srl<>	Ū	i	0.76	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.79</td><td><srl< td=""><td>Ü</td><td>l î</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.79	<srl< td=""><td>Ü</td><td>l î</td><td>0.76</td><td>0.50</td></srl<>	Ü	l î	0.76	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.79</td><td><srl< td=""><td>Ü</td><td>Ī</td><td>0.76</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.79	<srl< td=""><td>Ü</td><td>Ī</td><td>0.76</td><td>0.50</td></srl<>	Ü	Ī	0.76	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.58</td><td><srl< td=""><td>Ü</td><td>Ī</td><td>1.52</td><td>1,00</td></srl<></td></srl<>	Ü	1	1.58	<srl< td=""><td>Ü</td><td>Ī</td><td>1.52</td><td>1,00</td></srl<>	Ü	Ī	1.52	1,00
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>3.16</td><td><srl< td=""><td>Ü</td><td>i i</td><td>3.05</td><td>2.00</td></srl<></td></srl<>	U	1	3.16	<srl< td=""><td>Ü</td><td>i i</td><td>3.05</td><td>2.00</td></srl<>	Ü	i i	3.05	2.00
BFB-Surrogate Std. % Recovery		93%		· · · · · · · ·		92%	i i	<u> </u>	70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232133

MATRIX : AIR

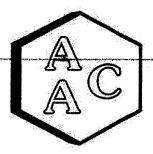
UNITS: PPB (v/v)

DATE RECEIVED: 10/17/2023

DATE REPORTED: 10/20/2023

ANALYST: DL/CH

Client ID		MS-08		Sample		MS-09		Sample	
AAC ID		232133-501		Reporting		232133-501		Reporting	Method
Date Sampled	ļ.,	10/16/202				10/16/202			Reporting
Date Analyzed		10/19/202	3	Limit		10/19/202:	3	Limit	Limit
Can Dilution Factor		1.49	,	(SRL)		1.70		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.49</td><td><srl< td=""><td>U</td><td>1</td><td>1.70</td><td>1.00</td></srl<></td></srl<>	U	1	1.49	<srl< td=""><td>U</td><td>1</td><td>1.70</td><td>1.00</td></srl<>	U	1	1.70	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ù</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>Ù</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	Ù	1	0.85	0.50
Chloromethane	0.80		1	0.74	1.20		1	0.85	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>Ŭ</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	Ŭ	1	0.85	0.50
Methanol	472		10	74.4	18.5		1	8.49	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0,85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0,85</td><td>0.50</td></srl<>	U	1	0,85	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0,85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0,85</td><td>0.50</td></srl<>	U	1	0,85	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
Ethanol	22.3		1	2.98	8.40		1	3.39	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>Ū</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	Ū	1	0.85	0.50
Acetone	7.81		1	2.98	10.7		1	3.39	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
2-Propanol (IPA)	3.18		1	2,98	<srl< td=""><td>Ū</td><td>1</td><td>3,39</td><td>2.00</td></srl<>	Ū	1	3,39	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>Ü</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	Ü	1	0.85	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.49</td><td><srl< td=""><td>U</td><td>1</td><td>1.70</td><td>1.00</td></srl<></td></srl<>	U	1	1.49	<srl< td=""><td>U</td><td>1</td><td>1.70</td><td>1.00</td></srl<>	U	1	1.70	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.49</td><td><srl< td=""><td>Ū</td><td>1</td><td>1,70</td><td>1.00</td></srl<></td></srl<>	U	1	1.49	<srl< td=""><td>Ū</td><td>1</td><td>1,70</td><td>1.00</td></srl<>	Ū	1	1,70	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.98</td><td><srl< td=""><td>U</td><td>1</td><td>3.39</td><td>2.00</td></srl<></td></srl<>	U	1	2.98	<srl< td=""><td>U</td><td>1</td><td>3.39</td><td>2.00</td></srl<>	U	1	3.39	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ù</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	Ù	1	0.74	<srl< td=""><td>Ū</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	Ū	1	0.85	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.49</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.70</td><td>1.00</td></srl<></td></srl<>	U	1	1.49	<srl< td=""><td>Ū</td><td>1</td><td>1.70</td><td>1.00</td></srl<>	Ū	1	1.70	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.49</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.70</td><td>1.00</td></srl<></td></srl<>	U	1	1.49	<srl< td=""><td>Ū</td><td>1</td><td>1.70</td><td>1.00</td></srl<>	Ū	1	1.70	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>Ŭ</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	Ŭ	1	0.85	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>Ŭ</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	Ŭ	1	0.85	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>Ŭ</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	Ŭ	1	0.85	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>Ü</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	Ü	1	0.85	0.50
Tetrahydrofuran	<srl< td=""><td>Ū</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.74	<srl< td=""><td>Ū</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	Ū	1	0.85	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>Ū</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	Ū	1	0.85	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
Benzene	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.74	<srl< td=""><td>Ŭ</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	Ŭ	1	0.85	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232133 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 10/17/2023

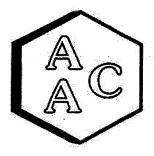
DATE REPORTED: 10/20/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-08		Sample		MS-09		Sample	
AAC ID		232133-501				232133-501			Method
Date Sampled		10/16/202		Reporting		10/16/202		Reporting	Reporting
Date Analyzed		10/19/202	3	Limit		10/19/202	3	Limit	Limit
Can Dilution Factor		1.49		(SRL)		1.70		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(WIKL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>Ū</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	Ū	1	0.85	0.50
Cyclohexane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>Ŭ</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	Ŭ	1	0.85	0.50
1,4-Dioxane	<srl< td=""><td>Ŭ</td><td>1</td><td>1.49</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.70</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	1.49	<srl< td=""><td>Ū</td><td>1</td><td>1.70</td><td>1.00</td></srl<>	Ū	1	1.70	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
Heptane	<srl< td=""><td>Ū</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.85</td><td>0,50</td></srl<></td></srl<>	Ū	1	0.74	<srl< td=""><td>Ū</td><td>1</td><td>0.85</td><td>0,50</td></srl<>	Ū	1	0.85	0,50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ū</td><td>1</td><td>0,85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>Ū</td><td>1</td><td>0,85</td><td>0.50</td></srl<>	Ū	1	0,85	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>Ū</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	Ū	1	0.85	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.49</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.70</td><td>1.00</td></srl<></td></srl<>	U	1	1.49	<srl< td=""><td>Ü</td><td>1</td><td>1.70</td><td>1.00</td></srl<>	Ü	1	1.70	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>Ü</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	Ü	1	0.85	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0,85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0,85</td><td>0.50</td></srl<>	U	1	0,85	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ŭ Ù</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>Ŭ Ù</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	Ŭ Ù	1	0.85	0.50
m & p-Xylene	<srl< td=""><td>Ū</td><td>1</td><td>1.49</td><td><srl< td=""><td>U</td><td>1</td><td>1.70</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.49	<srl< td=""><td>U</td><td>1</td><td>1.70</td><td>1.00</td></srl<>	U	1	1.70	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>Ü</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	Ü	1	0.85	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ü .</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	Ü .	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
o-Xylene	<srl< td=""><td>Ū</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
4-Ethyltoluene	<srl< td=""><td>Ū</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	U	1	0.85	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ú</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	Ú	1	0.74	<srl< td=""><td>Ü</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	Ü	1	0.85	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.74	<srl< td=""><td>Ū</td><td>1</td><td>0.85</td><td>0.50</td></srl<>	Ū	1	0.85	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0,74</td><td><srl< td=""><td>Ü</td><td>ī</td><td>0.85</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0,74	<srl< td=""><td>Ü</td><td>ī</td><td>0.85</td><td>0.50</td></srl<>	Ü	ī	0.85	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.49</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.70</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	1.49	<srl< td=""><td>Ŭ</td><td>1</td><td>1.70</td><td>1.00</td></srl<>	Ŭ	1	1.70	1.00
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>2,98</td><td><srl< td=""><td>Ü</td><td>i</td><td>3.39</td><td>2.00</td></srl<></td></srl<>	Ü	1	2,98	<srl< td=""><td>Ü</td><td>i</td><td>3.39</td><td>2.00</td></srl<>	Ü	i	3.39	2.00
BFB-Surrogate Std. % Recovery		93%				97%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232133 MATRIX: AIR

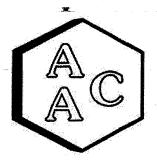
UNITS: PPB (v/v)

DATE RECEIVED: 10/17/2023

DATE REPORTED: 10/20/2023

ANALYST: DL/CH

Client ID		MS-10		Sample		MS-06		Sample	
AAC ID		232133-501				232133-501			Method
Date Sampled		10/16/202		Reporting		10/16/202		Reporting	Reporting
Date Analyzed		10/19/202	3	Limit		10/19/202	3	Limit	Limit
Can Dilution Factor		2.34		(SRL) [1.59		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	` ′
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>Ü</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	Ü	1	0.79	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>2.34</td><td><srl< td=""><td>U</td><td>1</td><td>1.59</td><td>1.00</td></srl<></td></srl<>	U	1	2.34	<srl< td=""><td>U</td><td>1</td><td>1.59</td><td>1.00</td></srl<>	U	1	1.59	1.00
Dichlorodifluoromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
Chloromethane	2.50		1	1.17	0.84		1	0.79	0.50
Dichlorotetrafluoroethane	12.1		1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>11</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>U</td><td>11</td><td>0.79</td><td>0.50</td></srl<>	U	11	0.79	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>11.7</td><td>95.5</td><td></td><td>11</td><td>7.95</td><td>5.00</td></srl<>	U	1	11.7	95.5		11	7.95	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>11</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>U</td><td>11</td><td>0.79</td><td>0.50</td></srl<>	U	11	0.79	0.50
Bromomethane	7.53		1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
Dichlorofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
Ethanol	7.83		1	4.68	11.1		1	3.18	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
Acetone	<srl< td=""><td>U</td><td>1</td><td>4.68</td><td>8.42</td><td></td><td>1</td><td>3.18</td><td>2.00</td></srl<>	U	1	4.68	8.42		1	3.18	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>4.68</td><td><srl< td=""><td>U</td><td>11</td><td>3.18</td><td>2.00</td></srl<></td></srl<>	U	1	4.68	<srl< td=""><td>U</td><td>11</td><td>3.18</td><td>2.00</td></srl<>	U	11	3.18	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
1,1-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>2.34</td><td><srl< td=""><td>U</td><td>11</td><td>1.59</td><td>1.00</td></srl<></td></srl<>	U	1	2.34	<srl< td=""><td>U</td><td>11</td><td>1.59</td><td>1.00</td></srl<>	U	11	1.59	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>2.34</td><td><srl< td=""><td>U</td><td>11</td><td>1.59</td><td>1.00</td></srl<></td></srl<>	U	1	2.34	<srl< td=""><td>U</td><td>11</td><td>1.59</td><td>1.00</td></srl<>	U	11	1.59	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>4.68</td><td><srl< td=""><td>U</td><td>11</td><td>3.18</td><td>2.00</td></srl<></td></srl<>	U	1	4.68	<srl< td=""><td>U</td><td>11</td><td>3.18</td><td>2.00</td></srl<>	U	11	3.18	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>11</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>U</td><td>11</td><td>0.79</td><td>0.50</td></srl<>	U	11	0.79	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>- 1</td><td>1.17</td><td><srl< td=""><td>U</td><td>11</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	- 1	1.17	<srl< td=""><td>U</td><td>11</td><td>0.79</td><td>0.50</td></srl<>	U	11	0.79	0.50
1,1-Dichloroethane	1.59		1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>11</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>U</td><td>11</td><td>0.79</td><td>0.50</td></srl<>	U	11	0.79	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>2.34</td><td><srl< td=""><td>U</td><td>1</td><td>1.59</td><td>1.00</td></srl<></td></srl<>	U	1	2.34	<srl< td=""><td>U</td><td>1</td><td>1.59</td><td>1.00</td></srl<>	U	1	1.59	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>· 1</td><td>2.34</td><td><srl_< td=""><td>U</td><td>1</td><td>1.59</td><td>1.00</td></srl_<></td></srl<>	U	· 1	2.34	<srl_< td=""><td>U</td><td>1</td><td>1.59</td><td>1.00</td></srl_<>	U	1	1.59	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl_< td=""><td>U</td><td>11</td><td>0.79</td><td>0.50</td></srl_<></td></srl<>	U	1	1.17	<srl_< td=""><td>U</td><td>11</td><td>0.79</td><td>0.50</td></srl_<>	U	11	0.79	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
1,2-Dichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>11</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.17	<srl< td=""><td>U</td><td>11</td><td>0.79</td><td>0.50</td></srl<>	U	11	0.79	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>11</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>U</td><td>11</td><td>0.79</td><td>0.50</td></srl<>	U	11	0.79	0.50
Benzene	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232133

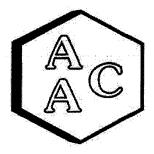
MATRIX : AIR UNITS: PPB (v/v) **DATE RECEIVED: 10/17/2023**

DATE REPORTED: 10/20/2023 ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID		MS-10 232133-501	04	Sample		MS-06 232133-501	05	Sample	Method
Date Sampled	 	10/16/202		Reporting		10/16/202		Reporting	
Date Sampled Date Analyzed		10/19/202		Limit		10/19/202		Limit	Reporting
Can Dilution Factor		2.34		(SRL)		1.59		(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>Ŭ</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>Ū</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	Ū	1	0.79	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
Bromodichloromethane	<srl< td=""><td>Ū</td><td>111</td><td>1.17</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	Ū	111	1.17	<srl< td=""><td>Ŭ</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	Ŭ	1	0.79	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2,34</td><td><srl< td=""><td>Ū</td><td>1</td><td>1,59</td><td>1.00</td></srl<></td></srl<>	U	1	2,34	<srl< td=""><td>Ū</td><td>1</td><td>1,59</td><td>1.00</td></srl<>	Ū	1	1,59	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>Ŭ</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	Ŭ	1	0.79	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
Heptane	<srl< td=""><td>Ū</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ŭ</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>Ŭ</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	Ŭ	1	0.79	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
Toluene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.17</td><td>1.24</td><td></td><td>1</td><td>0.79</td><td>0.50</td></srl<>	Ŭ	1	1.17	1.24		1	0.79	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.34</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.59</td><td>1.00</td></srl<></td></srl<>	U	1	2.34	<srl< td=""><td>Ū</td><td>1</td><td>1.59</td><td>1.00</td></srl<>	Ū	1	1.59	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>Ŭ</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	Ŭ	1	0.79	0.50
Chlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>2.34</td><td><srl< td=""><td>U</td><td>1</td><td>1,59</td><td>1.00</td></srl<></td></srl<>	U	1	2.34	<srl< td=""><td>U</td><td>1</td><td>1,59</td><td>1.00</td></srl<>	U	1	1,59	1.00
Bromoform	<srl< td=""><td>Ŭ</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
Styrene	<srl< td=""><td>Ü</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
o-Xylene	<srl< td=""><td>Ū</td><td>1</td><td>1.17</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.17	<srl< td=""><td>Ü</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	Ü	1	0.79	0.50
4-Ethyltoluene	<srl< td=""><td>Ŭ</td><td>-1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	Ŭ	-1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>1.17</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.17	<srl< td=""><td>Ū</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	Ū	1	0.79	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0,50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0,50</td></srl<>	U	1	0.79	0,50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>1.17</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.17	<srl< td=""><td>Ü</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	Ü	1	0.79	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>1.17</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.17	<srl< td=""><td>Ü</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	Ü	1	0.79	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.17</td><td><srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.17	<srl< td=""><td>U</td><td>1</td><td>0.79</td><td>0.50</td></srl<>	U	1	0.79	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>2.34</td><td><srl< td=""><td>U</td><td>1</td><td>1.59</td><td>1.00</td></srl<></td></srl<>	Ū	1	2.34	<srl< td=""><td>U</td><td>1</td><td>1.59</td><td>1.00</td></srl<>	U	1	1.59	1.00
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>4,68</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>3.18</td><td>2,00</td></srl<></td></srl<>	U	1	4,68	<srl< td=""><td>Ŭ</td><td>1</td><td>3.18</td><td>2,00</td></srl<>	Ŭ	1	3.18	2,00
BFB-Surrogate Std. % Recovery		94%				93%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 10/17/2023

PROJECT NO: 232133

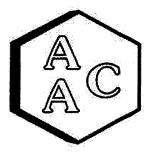
DATE REPORTED: 10/20/2023

MATRIX : AIR
UNITS : PPB (v/v)

ANALYST: DL/CH

v/v)

AAC ID Date Sampled Date Analyzed		232133-501	96	Sample	
Date Analyzed				Donoutive-	Method
		10/16/2023		Reporting	Reporting
		10/19/2023	3	Limit	Limit
Can Dilution Factor		1.82		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>111</td><td>0.91</td><td>0.50</td></srl<>	U	111	0.91	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.82</td><td>1.00</td></srl<>	U	1	1.82	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>11</td><td>0.91</td><td>0.50</td></srl<>	U	11	0.91	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	Ü	1	0.91	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
Methanol	13,4	1.	1	9.12	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
Bromomethane	<srl< td=""><td>U</td><td>11</td><td>0.91</td><td>0.50</td></srl<>	U	11	0.91	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0,50</td></srl<>	U	1	0.91	0,50
Ethanol	5.36		1	. 3,65	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
Acetone	7.28		1	3.65	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>3,65</td><td>2,00</td></srl<>	U	1	3,65	2,00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.82</td><td>1.00</td></srl<>	U	1	1.82	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.82</td><td>1.00</td></srl<>	U	1	1.82	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>3.65</td><td>2.00</td></srl<>	U	1	3.65	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	Ü	1	0.91	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
Vinyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>1.82</td><td>1.00</td></srl<>	Ü	1	1.82	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.82</td><td>1.00</td></srl<>	U	1	1.82	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
Hexane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	Ŭ	1	0.91	0.50
Chloroform	<srl< td=""><td>Ŭ</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	Ŭ	1	0.91	0.50
Ethyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	Ü	1	0.91	0.50
Tetrahydrofuran	<srl< td=""><td>Ū</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	Ū	1	0.91	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td><u> </u></td><td>0.91</td><td>0.50</td></srl<>	Ü	<u> </u>	0.91	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	Ü	1	0.91	0.50
Benzene	<srl< td=""><td>Ü</td><td>i</td><td>0.91</td><td>0.50</td></srl<>	Ü	i	0.91	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 10/17/2023

PROJECT NO: 232133

DATE REPORTED: 10/20/2023

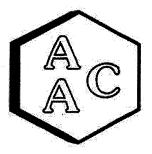
MATRIX : AIR
UNITS : PPB (v/v)

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-11		Sample	
AAC ID		232133-501		Reporting	Method
Date Sampled		10/16/202		Limit	Reporting
Date Analyzed		10/19/202	3		Limit
Can Dilution Factor		1.82		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	(1-11-1)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>0.91</td><td>0.50</td></srl<>	U	11	0.91	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>11</td><td>1.82</td><td>1.00</td></srl<>	U	11	1.82	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
Toluene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	Ŭ	1	0.91	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.82</td><td>1.00</td></srl<>	U	1	1.82	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
1,2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	Ū	1	0.91	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	Ŭ	1	0.91	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.82</td><td>1.00</td></srl<>	U	1	1.82	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
Styrene	<srl< td=""><td>Ü</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	Ü	1	0.91	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	U	1	0.91	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	Ū	1	0.91	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.91</td><td>0,50</td></srl<>	Ü	1	0.91	0,50
1,3-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	Ŭ	1	0.91	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	Ŭ	1	0.91	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.91</td><td>0.50</td></srl<>	Ŭ	1	0.91	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>1,82</td><td>1.00</td></srl<>	Ŭ	i	1,82	1.00
Hexachlorobutadiene	<srl< td=""><td>ŭ</td><td>i</td><td>3.65</td><td>2.00</td></srl<>	ŭ	i	3.65	2.00
BFB-Surrogate Std. % Recovery	1 3000	93%		3.03	70-130%





Analyte Compounds (Continued)

1,2-Dichloropropane
Bromodichloromethane

Trichloroethene (TCE)

2,2,4-Trimethylpentane

cis-1,3-Dichloropropene

trans-1,3-Dichloropropene

1,1,2-Trichloroethane

2-Hexanone (MBK)

1,2-Dibromoethane

Chlorobenzene

Ethylbenzene

m & p-Xylene

Bromoform

Styrene

o-Xylene

α-Pinene

β-Pinene

2-Chlorotoluene

n-Propylbenzene

1,3,5-Trimethylbenzene

1,2,4-Trimethylbenzene

1,3-Dichlorobenzene

1,4-Dichlorobenzene

1,2-Dichlorobenzene

1,2,4-Trichlorobenzene

Sec-ButylBenzene

n-ButylBenzene

Naphthalene

Benzyl Chloride (a-Chlorotoluene)

1,2-Dibromo-3-Chloropropane

4-Ethyltoluene

Dibromochloromethane

Tetrachloroethene (PCE)

1,1,2,2-Tetrachloroethane

1,2,3-Trichloropropane

Isopropylbenzene (Cumene)

4-Methyl-2-pentanone (MiBK)

Methyl Methacrylate

1,4-Dioxane

Heptane

Toluene

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/19/2023

MATRIX: High Purity N_2

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-04

CALIBRATION STD ID: MS1-051523-01

ANALYST: DL

 CCV^2

12.09

11.31

9.60

10.20

11.80

12.54

11.24

11.86

11.71

11.59

10.81

10.81

12.17

11.14

10.86

10.10

10,25

11.08

21.59

11.46

11.28

10.92

10.67

11.09

10.19

10.96

10.28

9.98

10.22

10.43

11.56

10.19

9.21

10.08

9.88

10.04

9.76

9.59

8.77

9.49

9.16

9.09

% Recovery 3

115

109

92

98

118

114

107

114

113

110

103

102

116

108

102

97

97

106

103

109

107

104

102

101

99

102

100

99

99

101

105

99

89

97

96

99

92

94

87

86

80

83

Source 1

10,50

10.40

10.40

10.40

10.00

11.00

10.50

10.40

10.40

10.50

10.50

10.60

10.50

10.30

10.60

10.40

10.60

10.50

21.00

10.50

10.50

10.50

10.50

11.00

10.30

10.70

10.30

10.10

10.30

10.30

11.00

10.30

10.40

10.40

10.30

10.10

10.60

10,20

10.10

11.00

11.50

11.00

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 09/26/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery 3
4-BFB (surrogate standard)	9.40	9.32	99
Chlorodifluoromethane	10,40	12.59	121
Propene	10,60	13.39	126
Dichlorodifluoromethane	10.40	11.42	110
Dimethyl Ether	10.20	12.22	120
Chloromethane	10.40	12.08	116
Dichlorotetrafluoroethane	10.30	10.19	99
Vinyl Chloride	10.50	12.61	120
Acetaldehyde	21.10	24.50	116
Methanol	18.80	20.35	108
1,3-Butadiene	10.60	13.22	125
Bromomethane	10,40	10.08	97
Chloroethane	10.30	11.33	110
Dichlorofluoromethane	10.20	11.05	108
Ethanol	11.20	11.63	104
Vinyl Bromide	10.10	10.31	102
Acrolein	11.10	13.72	124
Acetone	10.60	10.87	103
Trichlorofluoromethane	10.50	10.32	98
2-Propanol (IPA)	11.00	12.33	112
Acrylonitrile	11.20	13.45	120
1,1-Dichloroethene	10.40	10.44	100
Methylene Chloride (DCM)	10.50	10.30	98
TertButanol (TBA)	11.10	11.98	108
Allyl Chloride	10.20	11.21	110
Carbon Disulfide	10.50	11.26	107
Trichlorotrifluoroethane	10.40	10.08	97
trans-1,2-Dichloroethene	10.60	11.63	110
1,1-Dichloroethane	10.50	11.91	113
Methyl Tert Butyl Ether (MTBE)	10.50	11.08	106
Vinyl Acetate	11.00	12.34	112
2-Butanone (MEK)	10.60	11.19	106
cis-1,2-Dichloroethene	10.50	10.99	105
Hexane	10.70	10.96	102
Chloroform	10.60	11.10	105
Ethyl Acetate	10.60	13,30	125
Tetrahydrofuran	10.20	10.75	105
1,2-Dichloroethane	10.50	11.41	109
1,1,1-Trichloroethane	10.40	10.74	103
Benzene	10.60	11.20	106
Carbon Tetrachloride	10.20	10.71	105
Cyclohexane	10.50	10.39	99

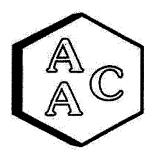
Cyclohexane
 10.50
 10.39
 99
 Hexachlorobutadiene

 ¹ Concentration of analyte compound in certified source standard.
 * - β-Pinene results are estimated.

² Measured result from daily Continuing Calibration Verification (CCV).



³ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/19/2023

INSTRUMENT ID: GC/MS-04

MATRIX: High Purity N2

CALIBRATION STD ID: MS1-051523-01

UNITS: PPB (v/v)

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

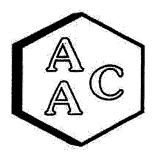
System Monitoring Compounds	Sample	Spike	LCS ¹	LCSD 1	LCS ¹	LCSD 1	RPD ³
System azermering compensus	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	III D
4-BFB (surrogate standard)	0.0	9.40	9.32	9.40	99	100	0.9
1,1-Dichloroethene	0.0	10.40	10.44	11.08	100	107	5.9
Methylene Chloride (DCM)	0.0	10.50	10.30	10.43	98	99	1.3
Benzene	0.0	10.60	11.20	11.52	106	109	2.8
Trichloroethene (TCE)	0.0	10.40	10.20	10.71	98	103	4.9
Toluene	0.0	10.60	10.81	11.27	102	106	4.2
Tetrachloroethene (PCE)	0.0	10.40	10.10	10.59	97	102	4.7
Chlorobenzene	0.0	10.60	10.25	10.77	97	102	4.9
Ethylbenzene	0.0	10.50	11.08	11.56	106	110	4.2
m & p-Xylene	0.0	21.00	21.59	22.75	103	108	5.2
o-Xylene	0.0	10.50	10.67	11.34	102	108	6.1

¹ Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)



² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/19/2023

INSTRUMENT ID: GC/MS-04

MATRIX: High Purity He or N2

ANALYST: DL

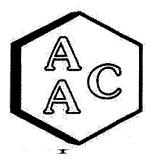
UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 101923	Reporting Limit (RL)
4-BFB (surrogate standard)	94%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0,5</td></rl<>	0,5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5
Allyl Chloride	<rl< td=""><td>1.0</td></rl<>	1.0
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>1.0</td></rl<>	1.0
2-Butanone (MEK)	<rl< td=""><td>1.0</td></rl<>	1.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0.5</td></rl<>	0.5
Cyclohexane	<rl< td=""><td>0.5</td></rl<>	0.5

Analyte Compounds (Continued)	MB 101923	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>1.0</td></rl<>	1.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>1.0</td></rl<>	1.0
Dibromochloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/19/2023 MATRIX: Air

INSTRUMENT ID: GC/MS-04 ANALYST: DL

UNITS: PPB (v/v)

DILUTION FACTOR¹: x1.52

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 232133-50191

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	8.65	8.76	1.3
Chlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Propene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dimethyl Ether	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Chloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorotetrafluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetaldehyde J	3.98	4.02	1.1
Methanol	16,4	15.3	6.6
1,3-Butadiene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Bromomethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Chloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethanol	12.1	12.2	0.5
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrolein	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetone	6.22	5.87	5,8
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Propanol (IPA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrylonitrile	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methylene Chloride (DCM)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
TertButanol (TBA)	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Allyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Disulfide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Butanone (MEK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Chloroform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrahydrofuran	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichloroethane	<srl< td=""><td><srl< td=""><td>.NA</td></srl<></td></srl<>	<srl< td=""><td>.NA</td></srl<>	.NA
1,1,1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Tetrachloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Cyclohexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichloroethene (TCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Heptane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
1,1,2-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Toluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrachloroethene (PCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
m & p-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromoform	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Styrene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2,2-Tetrachloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
o-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Isopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
α-Pinene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
4-Ethyltoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3,5-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
β-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Sec-ButylBenzene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
1,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-ButylBenzene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
1,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Naphthalene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexachlorobutadiene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4

¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

J - Estimated value between the detection limit and the minimum reporting limit, shown for duplication purposes only.



² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

	Korols	+ 72 co. + C.			7 c as	. 1		707	(909) 422-1001 Fax (909) 422-0707	(909) 422-100	
		3	Ventura	V Er	(7		Inc.	mental In	Environmental	
			.	•	141	2		(+))			
					ratory	Analytical Laboratory	Anai)		Sample Collector
Date					Disposed of by: (Signature)	osed of by	νisp			ernoa:	Sample Disposal Memod:
17/23				1		-					
Date Time		ived for Laboratory: (Signature)	Labor	Received fo	Time R	=	Date			Signature)	Relinquished by: (Signature)
Date Time		ature)	7: (Sign	Received by: (Signature)	Time R	=	Date			Signature)	Relinquished by: (Signature)
					1009	73	10/17/			Alm	
Date Time		ature)	ived by: (Signature)	Received b	Time R	, 11	Date			Signature)	Relinquished by: (Signature)
35 /17588	000 835	Λ	$\langle \rangle$	<	Summa Camista	66 Sur	50196		644-0849	10-16/17-23	M5-11
34 / 19510	000834	<u> </u>	$\langle \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	ster/>	Somma Canister	66 Sur	50195		0212-0220	10-16/17-23	WS-06
29 /000708	001229	\wedge	$\frac{1}{}$	ister X	Summa Carnister	61 SV	50194		0200 - 0800	10-16/17-23	MS-10
719509 HH	HH+ 000	\setminus	$\langle \rangle$	*/ >	mma Canister	GL Summa	50193	1	c743-0745	10-16/17-73	M5-09
526000/ SH	242000	<		× ×	Summa Canista	GC Sur	50 192		0731-0731	10-16/17-23	MS-08
73/19567	001573	<u> </u>	\ >	ster >	6L Summa Coniste	GL SUY	50 191		0721-0721	10-16/17-23	MS- 12
_	001488 /	^	\(\chi\)		Summa Canister	6L Sur	50190		0706 - 0704	10-16/17-23	MS-07
ster / Controller		TO.T.	307	-	Type of Sample		Lab Sample Number		Time	Date	Sample No./ Identification
			. \	4			full.	A		topet	Alberto
	/	15 M		No. Of Containers	No. O		(Signature)	(Sign			Sampler: (Print)
	ist /	<u>,</u> ,					Field Logbook No.				Project No.
	ANALYSES				5	Valencia,		Samplin	Landfill Air/Oder Sampling	Canyon Lan	2
_		\					roject Location		Engineers l		Client/Project Name SCS
	W	321 33	7) ORD	DY REC	CUSTO	CHAIN OF CUSTODY RECORD				



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon Landfill Air/Odor Sampling

AAC PROJECT NO.

: 232133

REPORT DATE

: 10/20/2023

On October 17th 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) Six-Liter Silonite canisters for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Return Pressure (mmHg)
MS-07	232133-50190	645.9
MS-12	232133-50191	672.2
MS-08	232133-50192	687.0
MS-09	232133-50193	602.4
MS-10	232133-50194	438.1
MS-06	232133-50195	644.9
MS-11	232133-50196	561.1

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Harmar, Ph.D.

This report consists of 5 pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232133

MATRIX: AIR UNITS: ppmv **SAMPLING DATE:** 10/16-17/2023

RECEIVING DATE: 10/17/2023

ANALYSIS DATE: 10/17/2023

REPORT DATE: 10/19/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-09
AAC ID	232133-50190	232133-50191	232133-50192	232133-50193
Canister Dil. Fac.	1.58	1.52	1.49	1.70
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.016	< 0.015	< 0.015	< 0.017
COS / SO2	< 0.016	< 0.015	< 0.015	< 0.017
Methyl Mercaptan	< 0.016	< 0.015	< 0.015	< 0.017
Ethyl Mercaptan	< 0.016	< 0.015	< 0.015	< 0.017
Dimethyl Sulfide	< 0.016	< 0.015	< 0.015	< 0.017
Carbon Disulfide	< 0.016	< 0.015	< 0.015	< 0.017
Isopropyl Mercaptan	< 0.016	< 0.015	< 0.015	< 0.017
tert-Butyl Mercaptan	< 0.016	< 0.015	< 0.015	< 0.017
n-Propyl Mercaptan	< 0.016	< 0.015	< 0.015	< 0.017
Methylethylsulfide	< 0.016	< 0.015	< 0.015	< 0.017
sec-Butyl Mercaptan / Thiophene	< 0.016	< 0.015	< 0.015	< 0.017
iso-Butyl Mercaptan	< 0.016	< 0.015	< 0.015	< 0.017
Diethyl Sulfide	< 0.016	< 0.015	< 0.015	< 0.017
n-Butyl Mercaptan	< 0.016	< 0.015	< 0.015	< 0.017
Dimethyl Disulfide	< 0.016	< 0.015	< 0.015	< 0.017
2-Methylthiophene	< 0.016	< 0.015	< 0.015	< 0.017
3-Methylthiophene	< 0.016	< 0.015	< 0.015	< 0.017
Tetrahydrothiophene	< 0.016	< 0.015	< 0.015	< 0.017
Bromothiophene	< 0.016	< 0.015	< 0.015	< 0.017
Thiophenol	< 0.016	< 0.015	< 0.015	< 0.017
Diethyl Disulfide	< 0.016	< 0.015	< 0.015	< 0.017
Total Unidentified Sulfur	< 0.016	< 0.015	< 0.015	< 0.017
Total Reduced Sulfurs	< 0.016	< 0.015	< 0.015	< 0.017

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO. : 232133

MATRIX : AIR

UNITS: ppmv

SAMPLING DATE: 10/16-17/2023

RECEIVING DATE: 10/17/2023 ANALYSIS DATE: 10/17/2023

REPORT DATE: 10/19/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-06	MS-11
AAC ID	232133-50194	232133-50195	232133-50196
Canister Dil. Fac.	2.34	1.59	1.82
Analyte	Result	Result	Result
Hydrogen Sulfide	< 0.023	< 0.016	< 0.018
COS / SO2	< 0.023	< 0.016	< 0.018
Methyl Mercaptan	< 0.023	< 0.016	< 0.018
Ethyl Mercaptan	< 0.023	< 0.016	< 0.018
Dimethyl Sulfide	< 0.023	< 0.016	< 0.018
Carbon Disulfide	< 0.023	< 0.016	< 0.018
Isopropyl Mercaptan	< 0.023	< 0.016	< 0.018
tert-Butyl Mercaptan	< 0.023	< 0.016	< 0.018
n-Propyl Mercaptan	< 0.023	< 0.016	< 0.018
Methylethylsulfide	< 0.023	< 0.016	< 0.018
sec-Butyl Mercaptan / Thiophene	< 0.023	< 0.016	< 0.018
iso-Butyl Mercaptan	< 0.023	< 0.016	< 0.018
Diethyl Sulfide	< 0.023	< 0.016	< 0.018
n-Butyl Mercaptan	< 0.023	< 0.016	< 0.018
Dimethyl Disulfide	< 0.023	< 0.016	< 0.018
2-Methylthiophene	< 0.023	< 0.016	< 0.018
3-Methylthiophene	< 0.023	< 0.016	< 0.018
Tetrahydrothiophene	< 0.023	< 0.016	< 0.018
Bromothiophene	< 0.023	< 0.016	< 0.018
Thiophenol	< 0.023	< 0.016	< 0.018
Diethyl Disulfide	< 0.023	< 0.016	< 0.018
Total Unidentified Sulfur	< 0.023	< 0.016	< 0.018
Total Reduced Sulfurs	< 0.023	< 0.016	< 0.018

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Quality Control/Quality Assurance Report **SCAQMD 307.91**

Date Analyzed: 10/17/2023

Analyst: CM/KM Units: ppmV

Instrument ID: SCD-BTU Calb. Date: : 6/13/23

Opening Calibration Verification Standard

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	867	0.499	99,8	0.6
Duplicate	862	0.496	99.2	0.0
Triplicate	858	0.493	98.7	0.5

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	882	0.536	97,9	1.2
Duplicate	898	0.545	99.6	0.5
Triplicate	898	0.546	99.7	0.6

0.479 ppbV H2S (SS1 289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	885	0.488	101.9	2.1
Duplicate	865	0.477	99.5	0.2
Triplicate	850	0.468	97.8	1.9

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< th=""></pql<>

Duplicate Analysi	is		Sample ID	231187-45761
Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.000</td><td>0,0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0,0</td></pql<>	0.000	0,0

Matrix Spike & Duplicate 231187-45761 x2

Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
Analyte	Conc.	Added	Result	Result	% Rec **	% Rec **	70 KI D
H ₂ S	<pql< td=""><td>0.250</td><td>0.271</td><td>0.251</td><td>108.5</td><td>100.5</td><td>7.7</td></pql<>	0.250	0.271	0.251	108.5	100.5	7.7
MeSH	<pql< td=""><td>0.274</td><td>0.290</td><td>0.284</td><td>105.9</td><td>103.7</td><td>2,1</td></pql<>	0.274	0.290	0.284	105.9	103.7	2,1
DMS	<pql< td=""><td>0.240</td><td>0.254</td><td>0.243</td><td>106.1</td><td>101.5</td><td>4.4</td></pql<>	0.240	0.254	0.243	106.1	101.5	4.4

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **		
H ₂ S	0.500	0.458	91.6		
MeSH	0.548	0.526	96,1		
DMS	0.479	0.499	104.2		

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD from Mean result.

PQL = 50.0 ppbV MDL = 1.1 ppbV

Relinquished by: (Signature) Sample Collector Sample Disposal Method: Relinquished by: (Signature) Relinquished by: (Signature) Client/Project Name SCゴ Sampler: (Print) Chie orta **Project No** 天以 MSI MS-07 100 NS-08 10-0G TIME Sample No./ Identification A Booto 5 ō Capulon 10-16/17-23/0847-0849 52-21/21-01 10-16/17-23 5440-18/17-23 CT43-0745 52-41/21-31 10-16/17-73 0731-0731 10-16/17-73 865 Via Lata • Colton, California 92324 (909) 422-1001 Fax (909) 422-0707 Environmental Inc. 900 A Date Engineers Candfill Air/Oder Sampling 0212-0270 0721-0721 0706 - 07040 0200 - 0800 Time (Signature) Field Logbook No. Project Location 20102 Lab Sample Number 50196 20194 50 191 50193 50 192 0610 CHAIN OF CUSTODY RECORD Valencia, Date Date Analytical Laboratory Disposed of by: (Signature) 10/17/23 le L SUMMING COUNTERY GL Somma Conister Cel Summa Camster GL Sommer Comister LOL SUMMA CANISTER Col Johnny Comister OL Summa Canister AAC Ventura 1009 Time Time Time ンペ Type of Sample cons + 72 contil No. Of Containers Received by: (Signature) Received for Laboratory: (Signature) Received by: (Signature) 307.91 232133 Sulfor TO-15 Full List なってっこしょ ANALYSES 32hi 30 54.6000/ 2h2000 000 835 000834 001229 001573 THT 000 Comister Date Date Date Date 10/17/23 こののナ 1950A Remarks Controller 204.000 5000 こよくのな 0120 Time Time Time Time 1009



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon Landfill Air Odor Sampling

AAC PROJECT NO.

: 232185

REPORT DATE

: 10/25/2023

On October 24, 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Return Pressure (mmHga)
MS-07	232185-50437	495.2
MS-12	232185-50438	637.1
MS-08	232185-50439	756.7
MS-09	232185-50440	661.9
MS-10	232185-50441	688.6
MS-06	232185-50442	571.1
MS-11	232185-50443	720.2

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

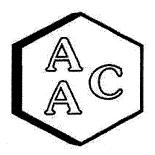
The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

echnical Director

diffical Diffector

This report consists of 14 pages.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232185 MATRIX: AIR

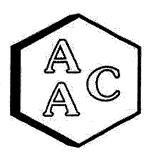
UNITS: PPB (v/v)

DATE RECEIVED: 10/24/2023

DATE REPORTED: 10/25/2023

ANALYST: DL/CH

Client ID		MS-07		Sample		MS-12		Sample	
AAC ID		232185-504	37			232185-504			Method
Date Sampled		10/23/202	3	Reporting		10/23/202		Reporting	Reporting
Date Analyzed		10/24/202	3	Limit [10/24/202	3	Limit	Limit
Can Dilution Factor		2,06		[(SRL)		1,60		(SRL)	(MRL)
· Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
Propene	<srl< td=""><td>U</td><td>11</td><td>2.06</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>1.00</td></srl<></td></srl<>	U	11	2.06	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>1.00</td></srl<>	U	1	1.60	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
Methanol	<srl< td=""><td>Ū</td><td>1</td><td>10.3</td><td>13.4</td><td></td><td>1</td><td>8.02</td><td>5.00</td></srl<>	Ū	1	10.3	13.4		1	8.02	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
Bromomethane	<srl< td=""><td>U</td><td>- 1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	- 1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
Ethanol	11.1		1	4.13	10.4		1	3,21	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
Acetone	6.02		1	4.13	7.28		1	3.21	2,00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
2-Propanol (IPA)	<srl< td=""><td>Ü</td><td>1</td><td>4.13</td><td><srl< td=""><td>U</td><td>1</td><td>3.21</td><td>2.00</td></srl<></td></srl<>	Ü	1	4.13	<srl< td=""><td>U</td><td>1</td><td>3.21</td><td>2.00</td></srl<>	U	1	3.21	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>Ü</td><td>1</td><td>0,80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>Ü</td><td>1</td><td>0,80</td><td>0.50</td></srl<>	Ü	1	0,80	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
Methylene Chloride (DCM)	3.55		1	2.06	<srl< td=""><td>Ū</td><td>1</td><td>1.60</td><td>1.00</td></srl<>	Ū	1	1.60	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>2.06</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>1.00</td></srl<></td></srl<>	U	1	2.06	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>1.00</td></srl<>	U	1	1.60	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>4.13</td><td><srl< td=""><td>U</td><td>1</td><td>3,21</td><td>2.00</td></srl<></td></srl<>	U	1	4.13	<srl< td=""><td>U</td><td>1</td><td>3,21</td><td>2.00</td></srl<>	U	1	3,21	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>Ū</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	Ū	1	0.80	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ū</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
Vinyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>2.06</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.60</td><td>1.00</td></srl<></td></srl<>	Ü	1	2.06	<srl< td=""><td>Ü</td><td>1</td><td>1.60</td><td>1.00</td></srl<>	Ü	1	1.60	1.00
2-Butanone (MEK)	2.08		1	2.06	1.99		1	1.60	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>IJ</td><td>i</td><td>1.03</td><td><srl< td=""><td>IJ</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	IJ	i	1.03	<srl< td=""><td>IJ</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	IJ	1	0.80	0.50
Hexane	<srl< td=""><td>Ü</td><td>1</td><td>1.03</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.03	<srl< td=""><td>Ü</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	Ü	1	0.80	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>1.03</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.03	<srl< td=""><td>Ü</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	Ü	1	0.80	0.50
Ethyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>1.03</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.03	<srl< td=""><td>Ü</td><td>i</td><td>0.80</td><td>0.50</td></srl<>	Ü	i	0.80	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>1</td><td>1.03</td><td>1.73</td><td></td><td>î</td><td>0.80</td><td>0.50</td></srl<>	Ü	1	1.03	1.73		î	0.80	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>1.03</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.03	<srl< td=""><td>Ü</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	Ü	1	0.80	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ü</td><td>î</td><td>1.03</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	Ü	î	1.03	<srl< td=""><td>Ŭ</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	Ŭ	1	0.80	0.50
Benzene	<srl< td=""><td>Ü</td><td>1</td><td>1.03</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.03	<srl< td=""><td>Ŭ</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	Ŭ	1	0.80	0.50
Delizatio	1 OKO			1.05	-DILL	<u> </u>	· · · · · · · · · · · · · · · · · · ·	0.00	



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232185

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/24/2023

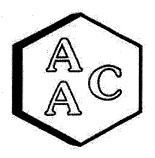
DATE REPORTED: 10/25/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-07 232185-50437				MS-12 232185-504	120	Sample	Method
AAC ID		10/23/202		Reporting		10/23/202		Reporting	
Date Sampled Date Analyzed	ļ	10/23/202		Limit		10/23/202		Limit	Reporting
Can Dilution Factor		2.06	3	(SRL)		1.60	<u> </u>	(SRL)	Limit
<u></u>			I	(MRLxDF's)			T	(MRLxDF's)	(MRL)
Compound	Result	Qualifier	Analysis DF	/1	Result	Qualifier	Analysis DF	<u> </u>	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>Ŭ</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	Ŭ	1	0.80	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>11</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>11</td><td>0.80</td><td>0.50</td></srl<>	U	11	0.80	0.50
1,2-Dichloropropane	<srl< td=""><td>Ŭ</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	11	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>. 1</td><td>2.06</td><td><srl< td=""><td>U</td><td>11</td><td>1.60</td><td>1.00</td></srl<></td></srl<>	U	. 1	2.06	<srl< td=""><td>U</td><td>11</td><td>1.60</td><td>1.00</td></srl<>	U	11	1.60	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>Ü</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	Ü	1	0.80	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
Toluene	<srl< td=""><td>Ū</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.06</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>1.00</td></srl<></td></srl<>	U	1	2.06	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>1.00</td></srl<>	U	1	1.60	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
1,2-Dibromoethane	<srl< td=""><td>Ŭ</td><td>1</td><td>1.03</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.03	<srl< td=""><td>Ū</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	Ū	1	0.80	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>Ū</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	Ū	1	0.80	0.50
Chlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>1.03</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.03	<srl< td=""><td>Ü</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	Ü	1	0.80	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>2.06</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>1.00</td></srl<></td></srl<>	U	1	2.06	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>1.00</td></srl<>	U	1	1.60	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0,80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0,80</td><td>0.50</td></srl<>	U	1	0,80	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1 .</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>1 .</td><td>0.80</td><td>0.50</td></srl<>	U	1 .	0.80	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
o-Xvlene	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>Ŭ</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	Ŭ	1	0.80	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>Ŭ</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	Ŭ	1	0.80	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>Ü</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	Ü	1	0.80	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0,80</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0,80</td><td>0.50</td></srl<>	U	1	0,80	0.50
1.3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
1.4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.03	<srl< td=""><td>Ŭ</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	Ŭ	1	0.80	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>1.03</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.03	<srl< td=""><td>Ü</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	Ü	1	0.80	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>1.03</td><td><srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.03	<srl< td=""><td>U</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	U	1	0.80	0.50
Hexachlorobutadiene	<srl< td=""><td>Ū</td><td>1</td><td>1.03</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.80</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.03	<srl< td=""><td>Ū</td><td>1</td><td>0.80</td><td>0.50</td></srl<>	Ū	1	0.80	0.50
BFB-Surrogate Std. % Recovery		95%				96%		1	70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232185 MATRIX: AIR

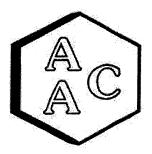
UNITS: PPB (v/v)

DATE RECEIVED: 10/24/2023

DATE REPORTED: 10/25/2023

ANALYST: DL/CH

Client ID	1	MS-08		Samula)		MS-09		Comple	
AAC ID		232185-504	139	Sample Reporting		232185-504	40	Sample	Method
Date Sampled		10/23/2023				10/23/202	3	Reporting	Reporting
Date Analyzed	10/24/2023 1,35			Limit		10/24/202	3	Limit	Limit
Can Dilution Factor] (SRL) [1.55		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MICE)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>l U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>l U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	l U	1	0.78	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl_< td=""><td>U</td><td>1</td><td>1.55</td><td>1.00</td></srl_<></td></srl<>	U	1	1.35	<srl_< td=""><td>U</td><td>1</td><td>1.55</td><td>1.00</td></srl_<>	U	1	1.55	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
Chloromethane	0.73		1	0.68	0.89		1	0.78	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
Methanol	<srl< td=""><td>Ū</td><td>1</td><td>6.75</td><td><srl< td=""><td>Ū</td><td>1</td><td>7.77</td><td>5.00</td></srl<></td></srl<>	Ū	1	6.75	<srl< td=""><td>Ū</td><td>1</td><td>7.77</td><td>5.00</td></srl<>	Ū	1	7.77	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>Ŭ</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	Ŭ	1	0.78	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>Ū</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	Ū	1	0.78	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
Ethanol	2.77		1	2.70	6.08		1	3.11	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
Acetone	2.84		1	2.70	7.57		1	3.11	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
2-Propanol (IPA)	<srl< td=""><td>Ü</td><td>1</td><td>2.70</td><td><srl< td=""><td>Ū</td><td>1</td><td>3.11</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.70	<srl< td=""><td>Ū</td><td>1</td><td>3.11</td><td>2.00</td></srl<>	Ū	1	3.11	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
1.1-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.55</td><td>1.00</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.55</td><td>1.00</td></srl<>	U	1	1.55	1.00
Allyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.55</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.55</td><td>1.00</td></srl<>	U	1	1.55	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2,70</td><td><srl< td=""><td>U</td><td>1</td><td>3,11</td><td>2.00</td></srl<></td></srl<>	U	1	2,70	<srl< td=""><td>U</td><td>1</td><td>3,11</td><td>2.00</td></srl<>	U	1	3,11	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0,50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0,50</td></srl<>	U	1	0.78	0,50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>i</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	i	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
Vinvl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.55</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.55</td><td>1.00</td></srl<>	U	1	1.55	1.00
2-Butanone (MEK)	<srl< td=""><td>Ū</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>i</td><td>1.55</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.35	<srl< td=""><td>U</td><td>i</td><td>1.55</td><td>1.00</td></srl<>	U	i	1.55	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	Ü	1	0.78	0.50
Hexane	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
Ethyl Acetate	<srl< td=""><td>Ŭ</td><td>ī</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ŭ	ī	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	Ü	1	0.78	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>ī</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.68	<srl< td=""><td>Ü</td><td>ī</td><td>0.78</td><td>0.50</td></srl<>	Ü	ī	0.78	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>i</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>ī</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.68	<srl< td=""><td>Ü</td><td>ī</td><td>0.78</td><td>0.50</td></srl<>	Ü	ī	0.78	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ü</td><td>i</td><td>0.68</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.68	<srl< td=""><td>Ŭ</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	Ŭ	1	0.78	0.50
Benzene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.68</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.68	<srl< td=""><td>Ū</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	Ū	1	0.78	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 10/24/2023

PROJECT NO: 232185

DATE REPORTED: 10/25/2023

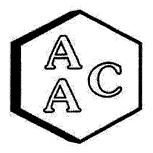
MATRIX : AIR
UNITS : PPB (v/v)

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID		MS-08 232185-504	139	Sample	MS-09 232185-50440			Sample	Method
Date Sampled		10/23/202		Reporting	******	10/23/202		Reporting	Reporting
Date Analyzed		10/24/202	3	Limit		10/24/202	3	Limit	Limit
Can Dilution Factor		1.35		SRL)		1.55		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
Cyclohexane	<srl< td=""><td>ט</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	ט	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
1,2-Dichloropropane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.55</td><td>1.00</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.55</td><td>1.00</td></srl<>	U	1	1.55	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
Heptane	<srl< td=""><td>U</td><td>11</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	11	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	Ü	1	0.78	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>Ū</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	Ū	1	0.78	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>Ū</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	Ū	1	0.78	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U.</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U.</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U.	1	0.78	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	Ü	1	0.78	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.55</td><td>1.00</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.55</td><td>1.00</td></srl<>	U	1	1.55	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	Ü	1	0.78	0.50
1,2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ū.</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ū.	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.55</td><td>1.00</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.55</td><td>1.00</td></srl<>	U	1	1.55	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	U	1	0.78	0.50
Styrene	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.68	<srl< td=""><td>Ū</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	Ū	1	0.78	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	Ü	1	0.78	0.50
o-Xylene	<srl< td=""><td>Ü</td><td>i</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	Ü	1	0.78	0.50
4-Ethyltoluene	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ŭ</td><td>ī</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.68	<srl< td=""><td>Ŭ</td><td>ī</td><td>0.78</td><td>0.50</td></srl<>	Ŭ	ī	0.78	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>ī</td><td>0.68</td><td><srl< td=""><td>Ŭ</td><td>ī</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ü	ī	0.68	<srl< td=""><td>Ŭ</td><td>ī</td><td>0.78</td><td>0.50</td></srl<>	Ŭ	ī	0.78	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>ī</td><td>0.68</td><td><srl< td=""><td>Ŭ</td><td>ī</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ü	ī	0.68	<srl< td=""><td>Ŭ</td><td>ī</td><td>0.78</td><td>0.50</td></srl<>	Ŭ	ī	0.78	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.68	<srl< td=""><td>Ü</td><td>i</td><td>0.78</td><td>0.50</td></srl<>	Ü	i	0.78	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	Ü	1	0.78	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.68	<srl< td=""><td>Ŭ</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	Ŭ	1	0.78	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ū</td><td>i</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	Ü	1	0.78	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.78</td><td>0.50</td></srl<>	Ü	1	0.78	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>ī</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>ī</td><td>0.78</td><td>0.50</td></srl<></td></srl<>	Ü	ī	0.68	<srl< td=""><td>Ü</td><td>ī</td><td>0.78</td><td>0.50</td></srl<>	Ü	ī	0.78	0.50
BFB-Surrogate Std. % Recovery		97%				97%		*****	70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

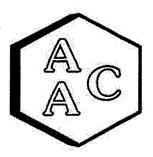
PROJECT NO: 232185

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/24/2023 DATE REPORTED: 10/25/2023

ANALYST: DL/CH

	MS-10		Comple	MS-06			Sample	
	232185-504	141			232185-504	42		Method
	10/23/202	3			10/23/202	3	,	Reporting
	10/24/202	3	Limit 10/24/2023				Limit	Limit
1.49] (SRL) [1.79		(SRL)	(MRL)	
Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MIKE)
<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
<srl< td=""><td>U</td><td>1</td><td>1.49</td><td><srl< td=""><td></td><td>1</td><td></td><td>1.00</td></srl<></td></srl<>	U	1	1.49	<srl< td=""><td></td><td>1</td><td></td><td>1.00</td></srl<>		1		1.00
<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td><srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	Ü	1	0.74	<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50
0.88		1	0.74	<srl< td=""><td>U -</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U -	1	0.89	0.50
<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
9.18		1	7.44	15,5		1	8.93	5.00
<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
	Ū	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
	Ū	1	0.74		Ū	1	0.89	0.50
	Ū	1	0.74		U	1	0.89	0.50
		1	2.98			1	3.57	2.00
	ŢŢ	1			IJ	1		0.50
		i				1	3.57	2.00
	IJ	1	0.74		U	1	0.89	0.50
		i i	2.98		Ū	1	3.57	2.00
		i			Ū	1	0.89	0.50
		i			IJ	1	0.89	0.50
		ii			Ū	1		1.00
		Î				1		1.00
		i			II	1		2.00
		i i			Ü	1		0.50
		î			Ū	1	0.89	0.50
		î			Ü	1		0.50
		1			Ū	1	0.89	0.50
		i			U	1	1.79	1.00
		i				1		1.00
		i			Ü	1	0.89	0.50
	Ü	1 1			IJ	i	0.89	0.50
		l i			ĬĬ	i		0.50
		i				i		0.50
		l i				i		0.50
		 				1		0.50
		1				i		0.50
		 				1		0.50
	SRL	232185-504 10/23/202 10/24/202 1.49 Result Qualifier < SRL U <	10/23/2023 10/24/2023 1.49 Result Qualifier Analysis DF	Color	Color	232185-50441 Reporting	232185-50441 Sample Reporting 10/23/2023 Limit 10/23/2023 Limit 10/24/2023 Limit 10/24/2023 Limit 10/24/2023 Limit 10/24/2023 Limit SRL U 1 1.49 SRL U 1	Sample



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232185

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/24/2023

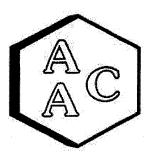
DATE REPORTED: 10/25/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-10		Sample	MS-06			Sample	
AAC ID		232185-504		Reporting		232185-504		Reporting	Method
Date Sampled		10/23/202				10/23/202		1	Reporting
Date Analyzed		10/24/202	3	Limit		10/24/202	3	Limit	Limit
Can Dilution Factor		1.49		(SRL)		1.79		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(11112)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>11</td><td>0,89</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>11</td><td>0,89</td><td>0.50</td></srl<>	U	11	0,89	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	11	0.74	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>0.74</td><td><srl< td=""><td>U</td><td>11</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	11	0.74	<srl< td=""><td>U</td><td>11</td><td>0.89</td><td>0.50</td></srl<>	U	11	0.89	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.49</td><td><srl< td=""><td>U</td><td>1</td><td>1.79</td><td>1.00</td></srl<></td></srl<>	U	1	1.49	<srl< td=""><td>U</td><td>1</td><td>1.79</td><td>1.00</td></srl<>	U	1	1.79	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.74	<srl< td=""><td>Ü</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	Ü	1	0.89	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>Ū</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	Ū	1	0.89	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.49</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.79</td><td>1.00</td></srl<></td></srl<>	U	1	1.49	<srl< td=""><td>Ü</td><td>1</td><td>1.79</td><td>1.00</td></srl<>	Ü	1	1.79	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
1,2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.74	<srl< td=""><td>Ū</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	Ū	1	0.89	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.49</td><td><srl< td=""><td>U</td><td>1</td><td>1.79</td><td>1.00</td></srl<></td></srl<>	U	1	1.49	<srl< td=""><td>U</td><td>1</td><td>1.79</td><td>1.00</td></srl<>	U	1	1.79	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
Styrene	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.74	<srl< td=""><td>Ū</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	Ū	1	0.89	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
o-Xvlene	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	0.74	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.74	<srl< td=""><td>Ü</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	Ü	1	0.89	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.74	<srl< td=""><td>Ü</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	Ü	1	0.89	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.74	<srl< td=""><td>Ü</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	Ü	1	0.89	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.89</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.74	<srl< td=""><td>Ü</td><td>i</td><td>0.89</td><td>0,50</td></srl<>	Ü	i	0.89	0,50
1.4-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.74	<srl< td=""><td>Ü</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	Ü	1	0.89	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.74</td><td><srl< td=""><td>Ü</td><td>í</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.74	<srl< td=""><td>Ü</td><td>í</td><td>0.89</td><td>0.50</td></srl<>	Ü	í	0.89	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.74</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.74	<srl< td=""><td>Ü</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	Ü	1	0.89	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td><srl< td=""><td>Ū</td><td>ī</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.74	<srl< td=""><td>Ū</td><td>ī</td><td>0.89</td><td>0.50</td></srl<>	Ū	ī	0.89	0.50
BFB-Surrogate Std. % Recovery	W. J. J. W.	97%		****		96%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 10/24/2023

PROJECT NO: 232185

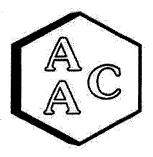
DATE REPORTED: 10/25/2023

MATRIX : AIR

ANALYST: DL/CH

UNITS: PPB (v/v)

Client ID		MS-11	Sample			
AAC ID		232185-504			Method	
Date Sampled		10/23/202	3	Reporting	Reporting	
Date Analyzed		10/24/202	3	Limit	Limit	
Can Dilution Factor		1.42		(SRL)	(MRL)	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)		
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
Propene	<srl< td=""><td>U</td><td>11</td><td>1.42</td><td>1.00</td></srl<>	U	11	1.42	1.00	
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50	
Chloromethane	0.82		1	0.71	0.50	
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
Vinyl Chloride	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ū	1	0.71	0.50	
Methanol	14.4		1	7.08	5.00	
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
Ethanol	5.71		1	2.83	2.00	
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
Acetone	8.56		1	2.83	2.00	
Trichlorofluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.71	0.50	
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>2.83</td><td>2.00</td></srl<>	U	1	2.83	2.00	
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0,71</td><td>0.50</td></srl<>	U	1	0,71	0.50	
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
Methylene Chloride (DCM)	<srl< td=""><td>Ü</td><td>1</td><td>1.42</td><td>1.00</td></srl<>	Ü	1	1.42	1.00	
Allyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>1.42</td><td>1.00</td></srl<>	Ü	1	1.42	1.00	
Carbon Disulfide	6.89		1	2.83	2.00	
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td>1.00</td></srl<>	U	1	1.42	1.00	
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td>1.00</td></srl<>	U	1	1.42	1.00	
cis-1,2-Dichloroethene	<srl< td=""><td>· U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	· U	1	0.71	0.50	
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.71	0.50	
Ethyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.71	0.50	
Tetrahydrofuran	<srl< td=""><td>Ŭ</td><td><u> </u></td><td>0.71</td><td>0.50</td></srl<>	Ŭ	<u> </u>	0.71	0.50	
1,2-Dichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ŭ	1	0.71	0.50	
1,1,1-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ū	1	0.71	0.50	
Benzene	<srl< td=""><td>Ü</td><td>i</td><td>0.71</td><td>0.50</td></srl<>	Ü	i	0.71	0.50	
	-0140				<u> </u>	



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232185

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/24/2023

DATE RECEIVED: 10/24/2023

DATE REPORTED: 10/25/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-11			Sample	
AAC ID		232185-50443			Method
Date Sampled		10/23/202		Reporting	Reporting
Date Analyzed		10/24/202	3	Limit	Limit
Can Dilution Factor		1.42		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	(MIKL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td>1.00</td></srl<>	U	1	1.42	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>i</td><td>0.71</td><td>0.50</td></srl<>	U	i	0.71	0.50
Toluene	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.71	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ü</td><td>i</td><td>1.42</td><td>1.00</td></srl<>	Ü	i	1.42	1.00
Dibromochloromethane	<srl< td=""><td>Ū</td><td>i</td><td>0.71</td><td>0.50</td></srl<>	Ū	i	0.71	0.50
1.2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ū	1	0.71	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Chlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.71	0.50
Ethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.71	0.50
m & p-Xylene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.42</td><td>1.00</td></srl<>	Ŭ	1	1.42	1.00
Bromoform	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ū	1	0.71	0.50
Styrene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ŭ	1	0.71	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ū	1	0.71	0.50
o-Xviene	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.71	0.50
4-Ethyltoluene	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.71	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.71	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.71</td><td>0.50</td></srl<>	Ŭ	i	0.71	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.71	0.50
1,3-Dichlorobenzene	SRL SRL	Ŭ	i	0.71	0.50
1.4-Dichlorobenzene	SRL	Ü	1	0.71	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ŭ	1	0.71	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>ŭ</td><td>i</td><td>0.71</td><td>0.50</td></srl<>	ŭ	i	0.71	0.50
Hexachlorobutadiene	SRL SRL	- II	1	0.71	0.50
BFB-Surrogate Std. % Recovery	-SICL	97%		<u> </u>	70-130%
U - Compound was not detected at or above t	ho CDI	27/0 1	····		10-13070





Analyte Compounds (Continued)

1,2-Dichloropropane

1,4-Dioxane

Heptane

Toluene

Bromodichloromethane

Trichloroethene (TCE)

2,2,4-Trimethylpentane

cis-1,3-Dichloropropene

trans-1,3-Dichloropropene

1,1,2-Trichloroethane

2-Hexanone (MBK)

1,2-Dibromoethane

Chlorobenzene

Ethylbenzene

m & p-Xylene

Bromoform

Styrene

o-Xylene

α-Pinene

β-Pinene

2-Chlorotoluene

n-Propylbenzene

4-Ethyltoluene

Dibromochloromethane

Tetrachloroethene (PCE)

1,1,2,2-Tetrachloroethane

1,2,3-Trichloropropane

1,3,5-Trimethylbenzene

1,2,4-Trimethylbenzene

1,3-Dichlorobenzene

1,4-Dichlorobenzene

1,2-Dichlorobenzene

1,2,4-Trichlorobenzene

Sec-ButylBenzene

n-ButylBenzene

Benzyl Chloride (a-Chlorotoluene)

Isopropylbenzene (Cumene)

4-Methyl-2-pentanone (MiBK)

Methyl Methacrylate

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/24/2023

MATRIX: High Purity N2

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-04

CALIBRATION STD ID: MS1-051523-01

Source 1

10.40

10.40

10,40

10.00

11.00

10.50

10.40

10.40

10.50

10.50

10.60

10.50

10.30

10.60

10.40

10.50

21.00

10.50

10.50

10.50

10.50

11.00

10.30

10.70

10.30

10.10

10.30

10.30

11.00

10.30

10.40

10.40

10.30

10.10

10.60

10.20

10.10

11.00

11.50

11.00

 CCV^2

12.71

12.31

10.87

10.63

12,47

13.26

11.71

12.43

12.91

12.52

11.37

11.19

13.38

11.90

11.34

10.52

10.54

11.39

22.24

12.63

11.60

11.80

11.16

11.84

10.71

11.78

10.79

10.60

10.76

11.02

10.61

10,76

10.05

10.79

10.68

10.67

10.65

10.37

10.75

11.30

10.55

10.68

% Recovery 3

121

118 105

102

125

121

112

120

124

119

108

106

127 116

107

101

99

108

106

120

110

112

106

104

110

105

105

104

96

97

104

104

106

100

102

106

103

92

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 09/26/2023 Calibration

Analyte Compounds	Source 1	CCV^2	% Recovery
4-BFB (surrogate standard)	9.40	9.48	101
Chlorodifluoromethane	10.40	13.09	126
Propene	10.60	13.32	126
Dichlorodifluoromethane	10.40	12.14	117
Dimethyl Ether	10.20	12.94	127
Chloromethane	10.40°	12.65	122
Dichlorotetrafluoroethane	10.30	10.73	104
Vinyl Chloride	10.50	13.10	125
Acetaldehyde	21.10	24.33	115
Methanol	18.80	20.47	109
1,3-Butadiene	10.60	13.42	127
Bromomethane	10.40	10.72	103
Chloroethane	10.30	11.77	114
Dichlorofluoromethane	10.20	11.62	114
Ethanol	11.20	13.03	116
Vinyl Bromide	10.10	10.30	102
Acrolein	11.10	13.61	123
Acetone	10.60	11.63	110
Trichlorofluoromethane	10.50	10.97	104
2-Propanol (IPA)	11.00	13.59	124
Acrylonitrile	11.20	14.37	128
1,1-Dichloroethene	10.40	10.97	105
Methylene Chloride (DCM)	10.50	10.60	101
TertButanol (TBA)	11.10	14.02	126
Allyl Chloride	10.20	11.89	117
Carbon Disulfide	10.50	11,71	112
Trichlorotrifluoroethane	10.40	10.70	103
trans-1,2-Dichloroethene	10.60	11.70	110
1,1-Dichloroethane	10.50	12,40	118
Methyl Tert Butyl Ether (MTBE)	10.50	11.83	113
Vinyl Acetate	11.00	13.73	125
2-Butanone (MEK)	10.60	11.56	109
cis-1,2-Dichloroethene	10.50	11.53	110
Hexane	10.70	11.51	108
Chloroform	10.60	11.67	110
Ethyl Acetate	10.60	13.70	129
Tetrahydrofuran	10.20	11.52	113
1,2-Dichloroethane	10.50	12.50	119
1,1,1-Trichloroethane	10.40	11.51	111
Benzene	10.60	11.55	109
Carbon Tetrachloride	10.20	11,61	114
Cyclohexane	10.50	10.71	102

Naphthalene
Hexachlorobutadiene
* - β-Pinene results are estimated.

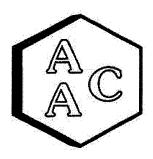
1,2-Dibromo-3-Chloropropane



¹Concentration of analyte compound in certified source standard.

² Measured result from daily Continuing Calibration Verification (CCV).

³ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/24/2023

INSTRUMENT ID: GC/MS-04

MATRIX: High Purity N2

CALIBRATION STD ID: MS1-051523-01

UNITS: PPB (v/v)

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

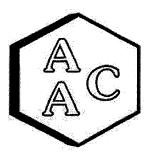
System Monitoring Compounds	Sample	Spike	LCS ¹	LCSD 1	LCS ¹	LCSD 1	RPD³
System Mondoring Compounds	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	KFD
4-BFB (surrogate standard)	0.0	9.40	9.48	9.35	101	99	1.4
1,1-Dichloroethene	0.0	10.40	10.97	10.71	105	103	2.4
Methylene Chloride (DCM)	0.0	10.50	10.60	9.99	101	95	5.9
Benzene	0.0	10.60	11.55	11.60	109	109	0.4
Trichloroethene (TCE)	0.0	10.40	10.63	10.63	102	102	0.0
Toluene	0.0	10.60	11.19	11.20	106	106	0.1
Tetrachloroethene (PCE)	0.0	10.40	10.52	10.72	101	103	1.9
Chlorobenzene	0.0	10.60	10.54	10.74	99	101	1.9
Ethylbenzene	0.0	10.50	11.39	11.48	108	109	0.8
m & p-Xylene	0.0	21.00	22.24	22.30	106	106	0.3
o-Xylene	0.0	10.50	11.16	11.10	106	106	0.5

¹ Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)



² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/24/2023

INSTRUMENT ID: GC/MS-04

MATRIX: High Purity He or N_2

ANALYST: DL

UNITS: PPB (v/v)

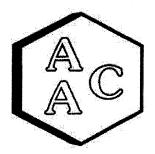
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	
Chlorodifluoromethane <rl< td=""> 0.5 Propene <rl< td=""> 1.0 Dichlorodifluoromethane <rl< td=""> 0.5 Dimethyl Ether <rl< td=""> 0.5 Chloromethane <rl< td=""> 0.5 Chlorotetrafluoroethane <rl< td=""> 0.5 Dichlorotetrafluoroethane <rl< td=""> 0.5 Acetaldehyde <rl< td=""> 0.5 Methanol <rl< td=""> 5.0 1,3-Butadiene <rl< td=""> 0.5 Bromomethane <rl< td=""> 0.5 Chloroethane <rl< td=""> 0.5 Dichlorofluoromethane <rl< td=""> 0.5 Ethanol <rl< td=""> 2.0 Vinyl Bromide <rl< td=""> 0.5 Acrolein <rl< td=""> 0.5 Acrolein <rl< td=""> 1.0 Acrolein <rl< td=""> 2.0 Trichlorofluoromethane <rl< td=""> 2.0 Trichlorofluoromethane <rl< td=""> 0.5 2-Propanol (IPA) <rl< td=""> 2.0 Acrylonitrile <rl< td=""> 0.5<</rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<>	eporting mit (RL)
Propene <rl< td=""> 1.0 Dichlorodifluoromethane <rl< td=""> 0.5 Dimethyl Ether <rl< td=""> 0.5 Chloromethane <rl< td=""> 0.5 Dichlorotetrafluoroethane <rl< td=""> 0.5 Vinyl Chloride <rl< td=""> 0.5 Acetaldehyde <rl< td=""> 5.0 Methanol <rl< td=""> 5.0 I,3-Butadiene <rl< td=""> 0.5 Bromomethane <rl< td=""> 0.5 Chloroethane <rl< td=""> 0.5 Dichlorofluoromethane <rl< td=""> 0.5 Ethanol <rl< td=""> 2.0 Vinyl Bromide <rl< td=""> 0.5 Acrolein <rl< td=""> 2.0 Acrolein <rl< td=""> 2.0 Trichlorofluoromethane <rl< td=""> 2.0 Trichlorofluoromethane <rl< td=""> 2.0 Z-Propanol (IPA) <rl< td=""> 2.0 Acrylonitrile <rl< td=""> 0.5 Lj-Dichloroethene <rl< td=""> 0.5 Methylene Chloride (DCM) <rl< td=""> 1</rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<>	00±30%
Dichlorodifluoromethane <rl< th=""> 0.5 Dimethyl Ether <rl< th=""> 0.5 Chloromethane <rl< th=""> 0.5 Dichlorotetrafluoroethane <rl< th=""> 0.5 Vinyl Chloride <rl< th=""> 0.5 Acetaldehyde <rl< th=""> 5.0 Methanol <rl< th=""> 5.0 I,3-Butadiene <rl< th=""> 0.5 Bromomethane <rl< th=""> 0.5 Chloroethane <rl< th=""> 0.5 Dichlorofluoromethane <rl< th=""> 0.5 Ethanol <rl< th=""> 2.0 Vinyl Bromide <rl< th=""> 0.5 Acrolein <rl< th=""> 1.0 Acetone <rl< th=""> 2.0 Trichlorofluoromethane <rl< th=""> 2.0 Tripopanol (IPA) <rl< th=""> 2.0 Acrylonitrile <rl< th=""> 0.5 Lj-Dichloroethene <rl< th=""> 0.5 Methylene Chloride (DCM) <rl< th=""> 1.0 TertButanol (TBA) <rl< th=""> 0.5 Allyl Chloride <rl< th=""></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<>	0.5
Dimethyl Ether	1.0
Chloromethane <rl< td=""> 0.5 Dichlorotetrafluoroethane <rl< td=""> 0.5 Vinyl Chloride <rl< td=""> 0.5 Acetaldehyde <rl< td=""> 5.0 Methanol <rl< td=""> 5.0 I,3-Butadiene <rl< td=""> 0.5 Bromomethane <rl< td=""> 0.5 Chloroethane <rl< td=""> 0.5 Dichlorofluoromethane <rl< td=""> 0.5 Dichlorofluoromethane <rl< td=""> 2.0 Vinyl Bromide <rl< td=""> 0.5 Acrolein <rl< td=""> 1.0 Accetone <rl< td=""> 2.0 Trichlorofluoromethane <rl< td=""> 0.5 2-Propanol (IPA) <rl< td=""> 2.0 Acrylonitrile <rl< td=""> 0.5 1,1-Dichloroethene <rl< td=""> 0.5 Methylene Chloride (DCM) <rl< td=""> 1.0 TertButanol (TBA) <rl< td=""> 0.5 Allyl Chloride <rl< td=""> 1.0 Carbon Disulfide <rl< td=""> 2.0 Trichlorotrifluoroethane <r< td=""><td>0.5</td></r<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<>	0.5
Dichlorotetrafluoroethane <rl< td=""> 0.5 Vinyl Chloride <rl< td=""> 0.5 Acetaldehyde <rl< td=""> 5.0 Methanol <rl< td=""> 5.0 1,3-Butadiene <rl< td=""> 0.5 Bromomethane <rl< td=""> 0.5 Chloroethane <rl< td=""> 0.5 Dichlorofluoromethane <rl< td=""> 0.5 Ethanol <rl< td=""> 2.0 Vinyl Bromide <rl< td=""> 0.5 Acrolein <rl< td=""> 1.0 Acetone <rl< td=""> 2.0 Trichlorofluoromethane <rl< td=""> 0.5 2-Propanol (IPA) <rl< td=""> 2.0 Acrylonitrile <rl< td=""> 0.5 L,1-Dichloroethene <rl< td=""> 0.5 Methylene Chloride (DCM) <rl< td=""> 1.0 TertButanol (TBA) <rl< td=""> 0.5 Allyl Chloride <rl< td=""> 1.0 Carbon Disulfide <rl< td=""> 2.0 Trichlorotrifluoroethane <rl< td=""> 0.5 trans-1,2-Dichloroethane <rl< t<="" td=""><td>0,5</td></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<>	0,5
Vinyl Chloride <rl< td=""> 0.5 Acetaldehyde <rl< td=""> 5.0 Methanol <rl< td=""> 5.0 I,3-Butadiene <rl< td=""> 0.5 Bromomethane <rl< td=""> 0.5 Chloroethane <rl< td=""> 0.5 Dichlorofluoromethane <rl< td=""> 0.5 Ethanol <rl< td=""> 2.0 Vinyl Bromide <rl< td=""> 0.5 Acrolein <rl< td=""> 1.0 Acetone <rl< td=""> 2.0 Trichlorofluoromethane <rl< td=""> 0.5 2-Propanol (IPA) <rl< td=""> 2.0 Acrylonitrile <rl< td=""> 0.5 I,1-Dichloroethene <rl< td=""> 0.5 Methylene Chloride (DCM) <rl< td=""> 1.0 TertButanol (TBA) <rl< td=""> 0.5 Allyl Chloride <rl< td=""> 1.0 Carbon Disulfide <rl< td=""> 2.0 Trichlorotrifluoroethane <rl< td=""> 0.5 trans-1,2-Dichloroethene <rl< td=""> 0.5 trans-1,2-Dichloroethane <rl< td="" td<=""><td>0.5</td></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<>	0.5
Acetaldehyde <rl< td=""> 5.0 Methanol <rl< td=""> 5.0 1,3-Butadiene <rl< td=""> 0.5 Bromomethane <rl< td=""> 0.5 Chloroethane <rl< td=""> 0.5 Dichlorofluoromethane <rl< td=""> 0.5 Ethanol <rl< td=""> 2.0 Vinyl Bromide <rl< td=""> 0.5 Acrolein <rl< td=""> 1.0 Acetone <rl< td=""> 2.0 Trichlorofluoromethane <rl< td=""> 0.5 2-Propanol (IPA) <rl< td=""> 2.0 Acrylonitrile <rl< td=""> 0.5 1,1-Dichloroethene <rl< td=""> 0.5 Methylene Chloride (DCM) <rl< td=""> 1.0 TertButanol (TBA) <rl< td=""> 0.5 Allyl Chloride <rl< td=""> 1.0 Carbon Disulfide <rl< td=""> 2.0 Trichlorotrifluoroethane <rl< td=""> 0.5 trans-1,2-Dichloroethene <rl< td=""> 0.5 trans-1,2-Dichloroethane <rl< td=""> 0.5 Methyl Tert Butyl Ether (MTBE)</rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<>	0.5
Methanol <rl< td=""> 5.0 1,3-Butadiene <rl< td=""> 0.5 Bromomethane <rl< td=""> 0.5 Chloroethane <rl< td=""> 0.5 Dichlorofluoromethane <rl< td=""> 0.5 Ethanol <rl< td=""> 2.0 Vinyl Bromide <rl< td=""> 0.5 Acrolein <rl< td=""> 1.0 Acetone <rl< td=""> 2.0 Trichlorofluoromethane <rl< td=""> 0.5 2-Propanol (IPA) <rl< td=""> 2.0 Acrylonitrile <rl< td=""> 0.5 1,1-Dichloroethene <rl< td=""> 0.5 Methylene Chloride (DCM) <rl< td=""> 1.0 TertButanol (TBA) <rl< td=""> 0.5 Allyl Chloride <rl< td=""> 1.0 Carbon Disulfide <rl< td=""> 2.0 Trichlorotrifluoroethane <rl< td=""> 0.5 trans-1,2-Dichloroethene <rl< td=""> 0.5 trans-1,2-Dichloroethane <rl< td=""> 0.5 Methyl Tert Butyl Ether (MTBE) <rl< td=""> 0.5</rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<>	0.5
1,3-Butadiene <rl< td=""> 0.5 Bromomethane <rl< td=""> 0.5 Chloroethane <rl< td=""> 0.5 Dichlorofluoromethane <rl< td=""> 0.5 Ethanol <rl< td=""> 2.0 Vinyl Bromide <rl< td=""> 0.5 Acrolein <rl< td=""> 1.0 Acetone <rl< td=""> 2.0 Trichlorofluoromethane <rl< td=""> 0.5 2-Propanol (IPA) <rl< td=""> 2.0 Acrylonitrile <rl< td=""> 0.5 1,1-Dichloroethene <rl< td=""> 0.5 Methylene Chloride (DCM) <rl< td=""> 1.0 TertButanol (TBA) <rl< td=""> 0.5 Allyl Chloride <rl< td=""> 1.0 Carbon Disulfide <rl< td=""> 2.0 Trichlorotrifluoroethane <rl< td=""> 0.5 trans-1,2-Dichloroethene <rl< td=""> 0.5 1,1-Dichloroethane <rl< td=""> 0.5 Methyl Tert Butyl Ether (MTBE) <rl< td=""> 0.5</rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<>	5.0
Bromomethane <rl< td=""> 0.5 Chloroethane <rl< td=""> 0.5 Dichlorofluoromethane <rl< td=""> 0.5 Ethanol <rl< td=""> 2.0 Vinyl Bromide <rl< td=""> 0.5 Acrolein <rl< td=""> 1.0 Acetone <rl< td=""> 2.0 Trichlorofluoromethane <rl< td=""> 0.5 2-Propanol (IPA) <rl< td=""> 2.0 Acrylonitrile <rl< td=""> 0.5 I,1-Dichloroethene <rl< td=""> 0.5 Methylene Chloride (DCM) <rl< td=""> 1.0 TertButanol (TBA) <rl< td=""> 0.5 Allyl Chloride <rl< td=""> 1.0 Carbon Disulfide <rl< td=""> 2.0 Trichlorotrifluoroethane <rl< td=""> 0.5 trans-1,2-Dichloroethene <rl< td=""> 0.5 Methyl Tert Butyl Ether (MTBE) <rl< td=""> 0.5</rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<>	5.0
Chloroethane <rl< td=""> 0.5 Dichlorofluoromethane <rl< td=""> 0.5 Ethanol <rl< td=""> 2.0 Vinyl Bromide <rl< td=""> 0.5 Acrolein <rl< td=""> 1.0 Acetone <rl< td=""> 2.0 Trichlorofluoromethane <rl< td=""> 0.5 2-Propanol (IPA) <rl< td=""> 2.0 Acrylonitrile <rl< td=""> 0.5 1,1-Dichloroethene <rl< td=""> 0.5 Methylene Chloride (DCM) <rl< td=""> 1.0 TertButanol (TBA) <rl< td=""> 0.5 Allyl Chloride <rl< td=""> 1.0 Carbon Disulfide <rl< td=""> 2.0 Trichlorotrifluoroethane <rl< td=""> 0.5 trans-1,2-Dichloroethene <rl< td=""> 0.5 1,1-Dichloroethane <rl< td=""> 0.5 Methyl Tert Butyl Ether (MTBE) <rl< td=""> 0.5</rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<>	0.5
Dichlorofluoromethane <rl< td=""> 0.5 Ethanol <rl< td=""> 2.0 Vinyl Bromide <rl< td=""> 0.5 Acrolein <rl< td=""> 1.0 Acetone <rl< td=""> 2.0 Trichlorofluoromethane <rl< td=""> 0.5 2-Propanol (IPA) <rl< td=""> 2.0 Acrylonitrile <rl< td=""> 0.5 1,1-Dichloroethene <rl< td=""> 0.5 Methylene Chloride (DCM) <rl< td=""> 1.0 TertButanol (TBA) <rl< td=""> 0.5 Allyl Chloride <rl< td=""> 1.0 Carbon Disulfide <rl< td=""> 2.0 Trichlorotrifluoroethane <rl< td=""> 0.5 trans-1,2-Dichloroethene <rl< td=""> 0.5 1,1-Dichloroethane <rl< td=""> 0.5 Methyl Tert Butyl Ether (MTBE) <rl< td=""> 0.5</rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<>	0.5
Ethanol <rl< td=""> 2.0 Vinyl Bromide <rl< td=""> 0.5 Acrolein <rl< td=""> 1.0 Acetone <rl< td=""> 2.0 Trichlorofluoromethane <rl< td=""> 0.5 2-Propanol (IPA) <rl< td=""> 2.0 Acrylonitrile <rl< td=""> 0.5 1,1-Dichloroethene <rl< td=""> 0.5 Methylene Chloride (DCM) <rl< td=""> 1.0 TertButanol (TBA) <rl< td=""> 0.5 Allyl Chloride <rl< td=""> 1.0 Carbon Disulfide <rl< td=""> 2.0 Trichlorotrifluoroethane <rl< td=""> 0.5 trans-1,2-Dichloroethene <rl< td=""> 0.5 1,1-Dichloroethane <rl< td=""> 0.5 Methyl Tert Butyl Ether (MTBE) <rl< td=""> 0.5</rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<>	0.5
Vinyl Bromide <rl< td=""> 0.5 Acrolein <rl< td=""> 1.0 Acetone <rl< td=""> 2.0 Trichlorofluoromethane <rl< td=""> 0.5 2-Propanol (IPA) <rl< td=""> 2.0 Acrylonitrile <rl< td=""> 0.5 1,1-Dichloroethene <rl< td=""> 0.5 Methylene Chloride (DCM) <rl< td=""> 1.0 TertButanol (TBA) <rl< td=""> 0.5 Allyl Chloride <rl< td=""> 1.0 Carbon Disulfide <rl< td=""> 2.0 Trichlorotrifluoroethane <rl< td=""> 0.5 trans-1,2-Dichloroethene <rl< td=""> 0.5 1,1-Dichloroethane <rl< td=""> 0.5 Methyl Tert Butyl Ether (MTBE) <rl< td=""> 0.5</rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<>	0.5
Acrolein <rl< td=""> 1.0 Acetone <rl< td=""> 2.0 Trichlorofluoromethane <rl< td=""> 0.5 2-Propanol (IPA) <rl< td=""> 2.0 Acrylonitrile <rl< td=""> 0.5 1,1-Dichloroethene <rl< td=""> 0.5 Methylene Chloride (DCM) <rl< td=""> 1.0 TertButanol (TBA) <rl< td=""> 0.5 Allyl Chloride <rl< td=""> 1.0 Carbon Disulfide <rl< td=""> 2.0 Trichlorotrifluoroethane <rl< td=""> 0.5 trans-1,2-Dichloroethene <rl< td=""> 0.5 1,1-Dichloroethane <rl< td=""> 0.5 Methyl Tert Butyl Ether (MTBE) <rl< td=""> 0.5</rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<>	2.0
Acetone <rl< td=""> 2.0 Trichlorofluoromethane <rl< td=""> 0.5 2-Propanol (IPA) <rl< td=""> 2.0 Acrylonitrile <rl< td=""> 0.5 1,1-Dichloroethene <rl< td=""> 0.5 Methylene Chloride (DCM) <rl< td=""> 1.0 TertButanol (TBA) <rl< td=""> 0.5 Allyl Chloride <rl< td=""> 1.0 Carbon Disulfide <rl< td=""> 2.0 Trichlorotrifluoroethane <rl< td=""> 0.5 trans-1,2-Dichloroethene <rl< td=""> 0.5 1,1-Dichloroethane <rl< td=""> 0.5 Methyl Tert Butyl Ether (MTBE) <rl< td=""> 0.5</rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<>	0.5
Trichlorofluoromethane <rl< td=""> 0.5 2-Propanol (IPA) <rl< td=""> 2.0 Acrylonitrile <rl< td=""> 0.5 1,1-Dichloroethene <rl< td=""> 0.5 Methylene Chloride (DCM) <rl< td=""> 1.0 TertButanol (TBA) <rl< td=""> 0.5 Allyl Chloride <rl< td=""> 1.0 Carbon Disulfide <rl< td=""> 2.0 Trichlorotrifluoroethane <rl< td=""> 0.5 trans-1,2-Dichloroethene <rl< td=""> 0.5 1,1-Dichloroethane <rl< td=""> 0.5 Methyl Tert Butyl Ether (MTBE) <rl< td=""> 0.5</rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<>	1.0
2-Propanol (IPA) <rl< td=""> 2.0 Acrylonitrile <rl< td=""> 0.5 1,1-Dichloroethene <rl< td=""> 0.5 Methylene Chloride (DCM) <rl< td=""> 1.0 TertButanol (TBA) <rl< td=""> 0.5 Allyl Chloride <rl< td=""> 1.0 Carbon Disulfide <rl< td=""> 2.0 Trichlorotrifluoroethane <rl< td=""> 0.5 trans-1,2-Dichloroethene <rl< td=""> 0.5 1,1-Dichloroethane <rl< td=""> 0.5 Methyl Tert Butyl Ether (MTBE) <rl< td=""> 0.5</rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<>	2.0
Acrylonitrile <rl< td=""> 0.5 1,1-Dichloroethene <rl< td=""> 0.5 Methylene Chloride (DCM) <rl< td=""> 1.0 TertButanol (TBA) <rl< td=""> 0.5 Allyl Chloride <rl< td=""> 1.0 Carbon Disulfide <rl< td=""> 2.0 Trichlorotrifluoroethane <rl< td=""> 0.5 trans-1,2-Dichloroethene <rl< td=""> 0.5 1,1-Dichloroethane <rl< td=""> 0.5 Methyl Tert Butyl Ether (MTBE) <rl< td=""> 0.5</rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<>	0.5
1,1-Dichloroethene <rl< td=""> 0.5 Methylene Chloride (DCM) <rl< td=""> 1.0 TertButanol (TBA) <rl< td=""> 0.5 Allyl Chloride <rl< td=""> 1.0 Carbon Disulfide <rl< td=""> 2.0 Trichlorotrifluoroethane <rl< td=""> 0.5 trans-1,2-Dichloroethene <rl< td=""> 0.5 1,1-Dichloroethane <rl< td=""> 0.5 Methyl Tert Butyl Ether (MTBE) <rl< td=""> 0.5</rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<>	2.0
Methylene Chloride (DCM) <rl< td=""> 1.0 TertButanol (TBA) <rl< td=""> 0.5 Allyl Chloride <rl< td=""> 1.0 Carbon Disulfide <rl< td=""> 2.0 Trichlorotrifluoroethane <rl< td=""> 0.5 trans-1,2-Dichloroethane <rl< td=""> 0.5 1,1-Dichloroethane <rl< td=""> 0.5 Methyl Tert Butyl Ether (MTBE) <rl< td=""> 0.5</rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<>	0.5
TertButanol (TBA) <rl< td=""> 0.5 Allyl Chloride <rl< td=""> 1.0 Carbon Disulfide <rl< td=""> 2.0 Trichlorotrifluoroethane <rl< td=""> 0.5 trans-1,2-Dichloroethene <rl< td=""> 0.5 1,1-Dichloroethane <rl< td=""> 0.5 Methyl Tert Butyl Ether (MTBE) <rl< td=""> 0.5</rl<></rl<></rl<></rl<></rl<></rl<></rl<>	0.5
Allyl Chloride <rl< td=""> 1.0 Carbon Disulfide <rl< td=""> 2.0 Trichlorotrifluoroethane <rl< td=""> 0.5 trans-1,2-Dichloroethane <rl< td=""> 0.5 1,1-Dichloroethane <rl< td=""> 0.5 Methyl Tert Butyl Ether (MTBE) <rl< td=""> 0.5</rl<></rl<></rl<></rl<></rl<></rl<>	1.0
Carbon Disulfide <rl< td=""> 2.0 Trichlorotrifluoroethane <rl< td=""> 0.5 trans-1,2-Dichloroethene <rl< td=""> 0.5 1,1-Dichloroethane <rl< td=""> 0.5 Methyl Tert Butyl Ether (MTBE) <rl< td=""> 0.5</rl<></rl<></rl<></rl<></rl<>	0.5
Trichlorotrifluoroethane <rl< th=""> 0.5 trans-1,2-Dichloroethene <rl< td=""> 0.5 1,1-Dichloroethane <rl< td=""> 0.5 Methyl Tert Butyl Ether (MTBE) <rl< td=""> 0.5</rl<></rl<></rl<></rl<>	1.0
trans-1,2-Dichloroethene <rl< th=""> 0.5 1,1-Dichloroethane <rl< td=""> 0.5 Methyl Tert Butyl Ether (MTBE) <rl< td=""> 0.5</rl<></rl<></rl<>	2.0
1,1-Dichloroethane <rl< td=""> 0.5 Methyl Tert Butyl Ether (MTBE) <rl< td=""> 0.5</rl<></rl<>	0.5
Methyl Tert Butyl Ether (MTBE) <rl 0.5<="" td=""><td>0.5</td></rl>	0.5
	0.5
	0.5
Vinyl Acetate <rl 1.0<="" td=""><td>1.0</td></rl>	1.0
2-Butanone (MEK) <rl 1.0<="" td=""><td>1.0</td></rl>	1.0
cis-1,2-Dichloroethene <rl 0.5<="" td=""><td>0.5</td></rl>	0.5
Hexane <rl 0.5<="" td=""><td>0.5</td></rl>	0.5
Chloroform <rl 0.5<="" td=""><td>0.5</td></rl>	0.5
Ethyl Acetate <rl 0.5<="" td=""><td>0.5</td></rl>	0.5
Tetrahydrofuran <rl 0.5<="" td=""><td>0.5</td></rl>	0.5
1,2-Dichloroethane <rl 0.5<="" td=""><td>0.5</td></rl>	0.5
1,1,1-Trichloroethane <rl 0.5<="" td=""><td>0.5</td></rl>	0.5
Benzene <rl 0.5<="" td=""><td>0.5</td></rl>	0.5
Carbon Tetrachloride <rl 0.5<="" td=""><td>0.5</td></rl>	0.5
Cyclohexane <rl 0.5<="" td=""><td>0.5</td></rl>	0.5

Analyte Compounds (Continued)	MB 102423	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>1.0</td></rl<>	1.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>1.0</td></rl<>	1.0
Dibromochloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5





QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/24/2023

INSTRUMENT ID: GC/MS-04 ANALYST: DL

MATRIX: Air

UNITS: PPB (v/v)

DILUTION FACTOR¹: x4.47

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 232096-49945

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	8.89	9,06	1.9
Chlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA -</td></srl<></td></srl<>	<srl< td=""><td>NA -</td></srl<>	NA -
Propene .	2.59	2.64	1.7
Dichlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dimethyl Ether	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Chloromethane	4.74	4.47	5.8
Dichlorotetrafluoroethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Vinyl Chloride	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Acetaldehyde	94.1	86.3	8.7
Methanol	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3-Butadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromomethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethanol	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
Acrolein	6.57	7.02	6.6
Acetone	27.4	27.9	1.9
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Propanol (IPA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrylonitrile	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methylene Chloride (DCM)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
TertButanol (TBA)	2.32	2.64	12.6
Allyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Disulfide	26.4	27.1	2.7
Trichlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Butanone (MEK)	4.65	5.14	10.0
cis-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrahydrofuran	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzene	26.4	27.9	5.3
Carbon Tetrachloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Cyclohexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichloroethene (TCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Heptane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
trans-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,1,2-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Toluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrachloroethene (PCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
m & p-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromoform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Styrene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2,2-Tetrachloroethane	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
o-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Isopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
α-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Ethyltoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3,5-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
β-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Sec-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Naphthalene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexachlorobutadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

J - Estimated value between the detection limit and the minimum reporting limit, shown for duplication purposes only.



² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

CHAIN OF CUSTODY RECORD

Project Name SCS Engineers tha Canyon Landfill Air/o No. 232185 Hiberto Lopet Hiberto Lopet Fination Date Tin 12 10-73/24-73 0720- 12 10-73/24-73 0720-	Field Logbook No. (Signature) (Signature)	Valencia, CA No. Of Containers Type of Sample OL Summa Canister OL Summa Canister OL Summa Canister	TO-15 FUIL LIST	NALYSES Canistar Con 786 Con	Remarks Controller 19512 19511
-07 10-73/24-73 0710-	'	6L Somma Canister	X		19512
- 12 10-73/24-23 0720-		6 L Summa Canister	X	000786 /	11561
- 82 10-23/24-23 0728-			X		5259
-09 10-23/24-13	0 h h 0 5 85 £	GL Summa Canister	X	001225/	19513
١,	50441	COL Summa Canister	X	00 ii 90 /	19505
- 06 10-13/24-13 0803-	5843 50MY2	let Summa Canislar	X	001450	19504
MS- 11 10-73/24-13 0835- 0	0909 50443	OL Summa Canister	X	001465/	17595
Relinquished by: (Signature)		Date, 10/24/13 1037 Receiv	ved by: (Signature)	Date	Time
telinquished by: (Signature)		Date Time Receive	Received by: (Signature)	Date	Time
felinquished by: (Signature)		Date Time Receive	Received for Laboratory: (Signature)	Date 10/27/23	Time 1.037
pample Disposal Method:		Disposed of by:(Signature)		Date	Time
Sample Collector		Analytical Laboratory			
865 Via Lata • Colton, California 92324 (909) 422-1001 Fax (909) 422-0707	2		Ventura		
	7. as	+ The cooped	ental		



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon Landfill Air/Odor Sampling

AAC PROJECT NO.

: 232185

REPORT DATE

: 10/27/2023

On October 24th 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) Six-Liter Silonite canisters for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Return Pressure (mmHg)
MS-07	232185-50437	495.2
MS-12	232185-50438	637.1
MS-08	232185-50439	756.7
MS-09	232185-50440	661.9
MS-10	232185-50441	688.6
MS-06	232185-50442	571.1
MS-11	232185-50443	720.2

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Technical Director

This report consists of 6 pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO. : 232185

MATRIX: AIR UNITS: ppmv **SAMPLING DATE: 10/23-24/2023**

RECEIVING DATE: 10/24/2023

ANALYSIS DATE: 10/25/2023

REPORT DATE: 10/27/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-09
AAC ID	232185-50437	232185-50438	232185-50439	232185-50440
Canister Dil. Fac.	2.06	1.60	1.35	1.55
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.021	< 0.016	< 0.014	< 0.016
COS / SO2	< 0.021	< 0.016	< 0.014	< 0.016
Methyl Mercaptan	< 0.021	< 0.016	< 0.014	< 0.016
Ethyl Mercaptan	< 0.021	< 0.016	< 0.014	< 0.016
Dimethyl Sulfide	< 0.021	< 0.016	< 0.014	< 0.016
Carbon Disulfide	< 0.021	< 0.016	< 0.014	< 0.016
Isopropyl Mercaptan	< 0.021	< 0.016	< 0.014	< 0.016
tert-Butyl Mercaptan	< 0.021	< 0.016	< 0.014	< 0.016
n-Propyl Mercaptan	< 0.021	< 0.016	< 0.014	< 0.016
Methylethylsulfide	< 0.021	< 0.016	< 0.014	< 0.016
sec-Butyl Mercaptan / Thiophene	< 0.021	< 0.016	< 0.014	< 0.016
iso-Butyl Mercaptan	< 0.021	< 0.016	< 0.014	< 0.016
Diethyl Sulfide	< 0.021	< 0.016	< 0.014	< 0.016
n-Butyl Mercaptan	< 0.021	< 0.016	< 0.014	< 0.016
Dimethyl Disulfide	< 0.021	< 0.016	< 0.014	< 0.016
2-Methylthiophene	< 0.021	< 0.016	< 0.014	< 0.016
3-Methylthiophene	< 0.021	< 0.016	< 0.014	< 0.016
Tetrahydrothiophene	< 0.021	< 0.016	< 0.014	< 0.016
Bromothiophene	< 0.021	< 0.016	< 0.014	< 0.016
Thiophenol	< 0.021	< 0.016	< 0.014	< 0.016
Diethyl Disulfide	< 0.021	< 0.016	< 0.014	< 0.016
Total Unidentified Sulfur	< 0.021	< 0.016	0.130	< 0.016
Total Reduced Sulfurs	< 0.021	< 0.016	0.130	< 0.016

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 23218 MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 10/23-24/2023

RECEIVING DATE: 10/24/2023 ANALYSIS DATE: 10/26/2023

REPORT DATE: 10/27/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-06	MS-11
AAC ID	232185-50441	232185-50442	232185-50443
Canister Dil. Fac.	1.49	1.79	1.42
Analyte	Result	Result	Result
Hydrogen Sulfide	< 0.015	< 0.018	< 0.014
COS / SO2	< 0.015	< 0.018	< 0.014
Methyl Mercaptan	< 0.015	< 0.018	< 0.014
Ethyl Mercaptan	< 0.015	< 0.018	< 0.014
Dimethyl Sulfide	< 0.015	< 0.018	< 0.014
Carbon Disulfide	< 0.015	< 0.018	< 0.014
Isopropyl Mercaptan	< 0.015	< 0.018	< 0.014
tert-Butyl Mercaptan	< 0.015	< 0.018	< 0.014
n-Propyl Mercaptan	< 0.015	< 0.018	< 0.014
Methylethylsulfide	< 0.015	< 0.018	< 0.014
sec-Butyl Mercaptan / Thiophene	< 0.015	< 0.018	< 0.014
iso-Butyl Mercaptan	< 0.015	< 0.018	< 0.014
Diethyl Sulfide	< 0.015	< 0.018	< 0.014
n-Butyl Mercaptan	< 0.015	< 0.018	< 0.014
Dimethyl Disulfide	< 0.015	< 0.018	< 0.014
2-Methylthiophene	< 0.015	< 0.018	< 0.014
3-Methylthiophene	< 0.015	< 0.018	< 0.014
Tetrahydrothiophene	< 0.015	< 0.018	< 0.014
Bromothiophene	< 0.015	< 0.018	< 0.014
Thiophenol	< 0.015	< 0.018	< 0.014
Diethyl Disulfide	< 0.015	< 0.018	< 0.014
Total Unidentified Sulfur	< 0.015	< 0.018	< 0.014
Total Reduced Sulfurs	< 0.015	< 0.018	< 0.014

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Quality Control/Quality Assurance Report **ASTM D-5504**

Date Analyzed: 10/25/2023

Analyst: KM Units: ppbV Instrument ID : SCD#10 Calb. Date: : 07/11/2022

Opening Calibration Verification Standard

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1852	502	100.5	0.4
Duplicate	1833	497	99.5	0.6
Triplicate	1849	502	100.4	0.2

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2375	551	100.6	1.5
Duplicate	2329	540	98.6	0.5
Triplicate	2316	537	98.1	1.0

479.0 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2579	488	101.8	1.8
Duplicate	2653	502	104.7	1.0
Triplicate	2648	501	104.5	0.8

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< th=""></pql<>

Duplicate Analysis Sample ID 231187-45761

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0

Matrix Spike & Duplicate Sample ID 231438-46986

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H ₂ S	<pql< td=""><td>249.9</td><td>270.0</td><td>268.4</td><td>108.1</td><td>107.4</td><td>0.6</td></pql<>	249.9	270.0	268.4	108.1	107.4	0.6
MeSH	<pql< td=""><td>273.8</td><td>298.5</td><td>292.6</td><td>109.1</td><td>106.9</td><td>2.0</td></pql<>	273.8	298.5	292.6	109.1	106.9	2.0
DMS	<pql< td=""><td>239.5</td><td>258.4</td><td>260.3</td><td>107.9</td><td>108.7</td><td>0.7</td></pql<>	239.5	258.4	260.3	107.9	108.7	0.7

Closing Calibration Verification Standard

Analyte	Analyte Std. Conc. Result		% Rec **
H ₂ S	499.8	483.3	96.7
MeSH	547.5	548.3	100.1
DMS	479.0	463.8	96.8

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbVDMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV



Quality Control/Quality Assurance Report **SCAQMD 307.91**

Date Analyzed: 10/26/2023

Analyst: KM Units: ppbV Instrument ID: SCD#10 Calb. Date: : 07/11/2022

Opening Calibration Verification Standard 499.8 ppbV H2S (SS1289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1849	502	100.4	0.5
Duplicate	1863	505	101.1	1.2
Triplicate	1810	491	98,3	1.7
547 5 pphV H2S (SS128		491	98.3	1./

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2381	552	100.9	1.3
Duplicate	2306	535	97.7	1.9
Triplicate	2367	549	100.3	0.7

479.0 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2478	468	97.8	0.4
Duplicate	2487	470	98.2	0.8
Triplicate	2436	461	96.1	1.3

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< th=""></pql<>

Duplicate Analysis			Sample ID	231187-45761
Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0

Matrix Spike & Duplicate Sample ID 231438-46986 Sample MSD MS MSD Spike MS % RPD *** Analyte Conc. Added Result Result % Rec ** % Rec ** H₂S <PQL 249.9 244.3 261.2 97.8 104.5 **6.7** MeSH <PQL 273.8 296.2 285.2 108.2 104.2 3.8 <PQL 259.4 107.2 108.3 DMS 239.5 256.9

Closing Calibration Verification Standard

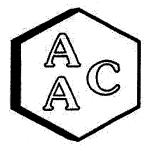
Analyte	Std. Conc.	Result	% Rec **
H ₂ S	499.8	498.0	99.7
MeSH	547.5	557.9	101.9
DMS	479.0	478.8	100.0

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD fro. ssAS

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbVDMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV

Relinquished by: (Signature) Relinquished by: (Signature) Sample Collector Sample Disposal Method: Relinquished by: (Signature) Chiquita Client/Project Name \leq cSampler: (Print) **Project No** とらい Sample No./ Identification MS-10 M5-17 M3-09 MS-08 M5-07 Alberto 0 Camyon Landfill 10-13/24-13 0235-0909 25-40-48-40 51-42/62-01 10-23/24-13 0778-0742 10-23/24-23 10-23/24-13 10-13/14-12/27-07-07 10-13/24-23 865 Via Lata • Colton, California 92324 (909) 422-1001 Fax (909) 422-0707 Environmental Inc. 2300 Lopez Date 232185 Engineers 0803-0843 0720-0731 0710 - 0717 Air/ador Sumpling Time (Signature Field Logbook No Project Location Lab Sample Number 50438 50439 50441 50437 としてる 50443 0 4 40 CHAIN OF CUSTODY RECORD Date Date Analytical Laboratory 52/12/01 Disposed of by: (Signature) Valencia, Cel Summa Camistar GL Summa Conister 6 - Summa Canister 101- Summa Camister We Summa Canistar GL Summa Canister CL Somma Canister りなが Time Time Time 1037 Type of Sample No. Of Containers Received for Laboratory: (Signature) Received by: (Signature) Received by: (Signature) Ventura ૩_૦×઼ 9, SULSEL-70 15 Cist ANALYSES 410000 577100 000830 284000 00 14 SO 001190 Set 100 COMISTRY いったりんろ Date Date Remarks Controller 05750 いるとい ISBI 19505 19513 17595 10507 Time Time Time (E0)

To coust he coased fortact



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon Landfill Air/Odor Sampling

AAC PROJECT NO.

: 232294

REPORT DATE

: 11/09/2023

On November 7, 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Return Pressure (mmHga)
MS-07	232294-50953	440.5
MS-12	232294-50954	382.5
MS-08	232294-50955	478.1
MS-09	232294-50956	321.7
MS-10	232294-50957	342.5
MS-06	232294-50958	203.8
MS-11	232294-50959	190.8

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAOMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

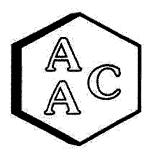
The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

This report consists of 14 pages.



www.aaclab.com • (805) 650-1642



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232294 MATRIX: AIR

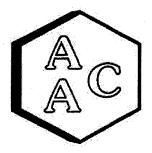
UNITS: PPB (v/v)

DATE RECEIVED: 11/07/2023

DATE REPORTED: 11/09/2023

ANALYST: DL/CH

AAC ID		MS-07		Sample MS-12				Sample	
		232294-509	53			232294-509			Method
Date Sampled		11/06/202		Reporting		11/06/202		Reporting	Reporting
Date Analyzed		11/08/202	3	Limit		11/08/202	3	Limit	Limit
Can Dilution Factor		2.32		(SRL)	2.68			(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>2.32</td><td><srl< td=""><td>U</td><td>1</td><td>2.68</td><td>1.00</td></srl<></td></srl<>	U	1	2.32	<srl< td=""><td>U</td><td>1</td><td>2.68</td><td>1.00</td></srl<>	U	1	2.68	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>11</td><td>1.16</td><td><srl< td=""><td>U</td><td>11</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	11	1.16	<srl< td=""><td>U</td><td>11</td><td>1.34</td><td>0.50</td></srl<>	U	11	1.34	0.50
Chloromethane	<srl< td=""><td>U</td><td>11</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	11	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>11.6</td><td>130</td><td>L</td><td>1</td><td>13.4</td><td>5.00</td></srl<>	U	1	11.6	130	L	1	13.4	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>11</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>U</td><td>11</td><td>1.34</td><td>0.50</td></srl<>	U	11	1.34	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>11</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>U</td><td>11</td><td>1.34</td><td>0.50</td></srl<>	U	11	1.34	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
Ethanol	9.53		1	4.65	39.2		1	5,36	2,00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>Ū</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	Ū	1	1.34	0.50
Acetone	5.53		1	4.65	8.95		1	5.36	2.00
Trichlorofluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
2-Propanol (IPA)	<srl< td=""><td>Ū</td><td>1</td><td>4.65</td><td><srl< td=""><td>U</td><td>1</td><td>5.36</td><td>2.00</td></srl<></td></srl<>	Ū	1	4.65	<srl< td=""><td>U</td><td>1</td><td>5.36</td><td>2.00</td></srl<>	U	1	5.36	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1 \</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0,50</td></srl<></td></srl<>	U	1 \	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0,50</td></srl<>	U	1	1.34	0,50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>Ü</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	Ü	1	1.34	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ü</td><td>1</td><td>2.32</td><td><srl< td=""><td>U</td><td>1</td><td>2.68</td><td>1.00</td></srl<></td></srl<>	Ü	1	2.32	<srl< td=""><td>U</td><td>1</td><td>2.68</td><td>1.00</td></srl<>	U	1	2.68	1.00
Allyl Chloride	<srl< td=""><td>. U</td><td>1</td><td>2.32</td><td><srl< td=""><td>U</td><td>1</td><td>2,68</td><td>1.00</td></srl<></td></srl<>	. U	1	2.32	<srl< td=""><td>U</td><td>1</td><td>2,68</td><td>1.00</td></srl<>	U	1	2,68	1.00
Carbon Disulfide	<srl< td=""><td>U .</td><td>1</td><td>4.65</td><td><srl< td=""><td>Ū</td><td>1</td><td>5.36</td><td>2.00</td></srl<></td></srl<>	U .	1	4.65	<srl< td=""><td>Ū</td><td>1</td><td>5.36</td><td>2.00</td></srl<>	Ū	1	5.36	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ü</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1 \</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1 \	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>Ū</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	Ū	1	1.34	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>2.32</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.68</td><td>1.00</td></srl<></td></srl<>	U	1	2.32	<srl< td=""><td>Ū</td><td>1</td><td>2.68</td><td>1.00</td></srl<>	Ū	1	2.68	1.00
2-Butanone (MEK)	<srl< td=""><td>Ü</td><td>1</td><td>2.32</td><td>3.32</td><td></td><td>1</td><td>2.68</td><td>1.00</td></srl<>	Ü	1	2.32	3.32		1	2.68	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
Hexane	<srl< td=""><td>Ü</td><td>1</td><td>1.16</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.16	<srl< td=""><td>Ū</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	Ū	1	1.34	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>1.16</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.16	<srl< td=""><td>Ū</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	Ū	1	1.34	0.50
Ethyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>1</td><td>1.16</td><td>1.61</td><td></td><td>1</td><td>1.34</td><td>0.50</td></srl<>	Ü	1	1.16	1.61		1	1.34	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>i</td><td>1.16</td><td><srl< td=""><td>U</td><td>i</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	Ü	i	1.16	<srl< td=""><td>U</td><td>i</td><td>1.34</td><td>0.50</td></srl<>	U	i	1.34	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>1.16</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.16	<srl< td=""><td>Ū</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	Ū	1	1.34	0.50
Benzene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.16</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.16	<srl< td=""><td>Ŭ</td><td>i</td><td>1.34</td><td>0.50</td></srl<>	Ŭ	i	1.34	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232294 MATRIX : AIR

UNITS: PPB (v/v)

DATE RECEIVED: 11/07/2023

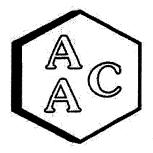
DATE REPORTED: 11/09/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-07		Sample	MS-12			Sample	
AAC ID		232294-509		Reporting		232294-509		Reporting	Method
Date Sampled		11/06/202				11/06/202		Limit	Reporting
Date Analyzed		11/08/202	3	Limit		11/08/202	3		Limit
Can Dilution Factor		2.32		(SRL)		2.68	,	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
1,2-Dichloropropane	<srl< td=""><td>Ü</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	11	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>11</td><td>2.32</td><td><srl< td=""><td>Ü</td><td>11</td><td>2.68</td><td>1,00</td></srl<></td></srl<>	U	11	2.32	<srl< td=""><td>Ü</td><td>11</td><td>2.68</td><td>1,00</td></srl<>	Ü	11	2.68	1,00
Trichloroethene (TCE)	<srl< td=""><td>Ü</td><td>11</td><td>1.16</td><td><srl< td=""><td>Ü</td><td>11</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	Ü	11	1.16	<srl< td=""><td>Ü</td><td>11</td><td>1.34</td><td>0.50</td></srl<>	Ü	11	1.34	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>11</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	11	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
Heptane	<srl< td=""><td>Ū.</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	Ū.	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0,50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0,50</td></srl<>	U	1	1.34	0,50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
Toluene	<srl< td=""><td>U /</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U /	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.32</td><td><srl< td=""><td>U</td><td>1</td><td>2,68</td><td>1.00</td></srl<></td></srl<>	U	1	2.32	<srl< td=""><td>U</td><td>1</td><td>2,68</td><td>1.00</td></srl<>	U	1	2,68	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>11</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>U</td><td>11</td><td>1.34</td><td>0.50</td></srl<>	U	11	1.34	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>11</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>U</td><td>11</td><td>1.34</td><td>0.50</td></srl<>	U	11	1.34	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>2.32</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.68</td><td>1.00</td></srl<></td></srl<>	U	1	2.32	<srl< td=""><td>Ü</td><td>1</td><td>2.68</td><td>1.00</td></srl<>	Ü	1	2.68	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ü</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
o-Xylene	<srl< td=""><td>Ü</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
4-Ethyltoluene	<srl< td=""><td>Q</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	Q	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1,34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1,34</td><td>0.50</td></srl<>	U	1	1,34	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>1,16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1,16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>Ū</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	Ū	1	1.34	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<></td></srl<>	U	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34</td><td>0.50</td></srl<>	U	1	1.34	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>1.16</td><td><srl< td=""><td>U</td><td>1</td><td>1.34_</td><td>0,50</td></srl<></td></srl<>	Ü	1	1.16	<srl< td=""><td>U</td><td>1</td><td>1.34_</td><td>0,50</td></srl<>	U	1	1.34_	0,50
BFB-Surrogate Std. % Recovery		98%				97%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232294 MATRIX: AIR

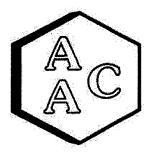
UNITS: PPB (v/v)

DATE RECEIVED: 11/07/2023

DATE REPORTED: 11/09/2023

ANALYST: DL/CH

Client ID		MS-08				MS-09		C1-	
AACID		232294-509	955	Sample		232294-509	956	Sample	Method
Date Sampled	·	11/06/202	3	Reporting		11/06/202	3	Reporting	Reporting
Date Analyzed		11/08/202	3	Limit		11/08/202	3	Limit	Limit
Can Dilution Factor		2.13		(SRL)	3,20			(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>l i</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0,50</td></srl<></td></srl<>	U	l i	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0,50</td></srl<>	U	1	1.60	0,50
Propene	<srl< td=""><td>U</td><td>1</td><td>2.13</td><td><srl< td=""><td>U</td><td>1</td><td>3.20</td><td>1.00</td></srl<></td></srl<>	U	1	2.13	<srl< td=""><td>U</td><td>1</td><td>3.20</td><td>1.00</td></srl<>	U	1	3.20	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>11</td><td>1.07</td><td><srl< td=""><td>U</td><td>11</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	11	1.07	<srl< td=""><td>U</td><td>11</td><td>1.60</td><td>0.50</td></srl<>	U	11	1.60	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>11</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>11</td><td>1.60</td><td>0.50</td></srl<>	U	11	1.60	0.50
Methanol	<srl< td=""><td>Ü</td><td>1</td><td>10.7</td><td><srl< td=""><td>U</td><td>1</td><td>16.0</td><td>5.00</td></srl<></td></srl<>	Ü	1	10.7	<srl< td=""><td>U</td><td>1</td><td>16.0</td><td>5.00</td></srl<>	U	1	16.0	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>11</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0,50</td></srl<></td></srl<>	U	11	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0,50</td></srl<>	U	1	1.60	0,50
Bromomethane	<srl< td=""><td>U</td><td>1 1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1 1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>11</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>11</td><td>1.60</td><td>0.50</td></srl<>	U	11	1.60	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>11</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>11</td><td>1.60</td><td>0.50</td></srl<>	U	11	1.60	0.50
Ethanol	7.66		. 1	4.27	8.74		1	6.41	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
Acetone	41.1		1	4.27	9.64		1	6.41	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>4.27</td><td><srl< td=""><td>U</td><td>11</td><td>6.41</td><td>2.00</td></srl<></td></srl<>	U	1	4.27	<srl< td=""><td>U</td><td>11</td><td>6.41</td><td>2.00</td></srl<>	U	11	6.41	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>2.13</td><td><srl< td=""><td>U</td><td>1</td><td>3.20</td><td>1.00</td></srl<></td></srl<>	U	1	2.13	<srl< td=""><td>U</td><td>1</td><td>3.20</td><td>1.00</td></srl<>	U	1	3.20	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>2.13</td><td><srl< td=""><td>U</td><td>1</td><td>3.20</td><td>1.00</td></srl<></td></srl<>	U	1	2.13	<srl< td=""><td>U</td><td>1</td><td>3.20</td><td>1.00</td></srl<>	U	1	3.20	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>4.27</td><td><srl< td=""><td>U</td><td>1</td><td>6.41</td><td>2.00</td></srl<></td></srl<>	U	1	4.27	<srl< td=""><td>U</td><td>1</td><td>6.41</td><td>2.00</td></srl<>	U	1	6.41	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1,60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1,60</td><td>0.50</td></srl<>	U	1	1,60	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
1,1-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ū</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>2.13</td><td><srl< td=""><td>U</td><td>1</td><td>3.20</td><td>1.00</td></srl<></td></srl<>	U	1	2.13	<srl< td=""><td>U</td><td>1</td><td>3.20</td><td>1.00</td></srl<>	U	1	3.20	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>2.13</td><td><srl< td=""><td>U</td><td>1</td><td>3.20</td><td>1.00</td></srl<></td></srl<>	U	1	2.13	<srl< td=""><td>U</td><td>1</td><td>3.20</td><td>1.00</td></srl<>	U	1	3.20	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
Hexane	<srl< td=""><td>Ū</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0,50</td></srl<></td></srl<>	Ū	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0,50</td></srl<>	U	1	1.60	0,50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
Tetrahydrofuran	<srl< td=""><td>Ū</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
Benzene	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>Ü</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	Ü	1	1.60	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232294 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 11/07/2023

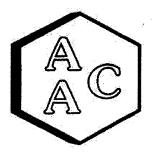
DATE REPORTED: 11/09/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID		MS-08 232294-509	55	Sample	434474-30730		156	Sample	Method
Date Sampled		11/06/202		Reporting		11/06/202		Reporting	Reporting
Date Samplea Date Analyzed		11/08/202		Limit		11/08/202		Limit	Limit
Can Dilution Factor		2.13		(SRL)		3.20		(SRL)	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>11</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>11</td><td>1.60</td><td>0.50</td></srl<>	U	11	1.60	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>11</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>11</td><td>1.60</td><td>0.50</td></srl<>	U	11	1.60	0.50
1,4-Dioxane	<srl< td=""><td>Ū</td><td>1</td><td>2.13</td><td><srl< td=""><td>U</td><td>1</td><td>3.20</td><td>1.00</td></srl<></td></srl<>	Ū	1	2.13	<srl< td=""><td>U</td><td>1</td><td>3.20</td><td>1.00</td></srl<>	U	1	3.20	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
2.2.4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0,50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0,50</td></srl<>	U	1	1.60	0,50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>Ū</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	Ū	1	1.60	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
1.1.2-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.13</td><td><srl< td=""><td>U</td><td>1</td><td>3.20</td><td>1.00</td></srl<></td></srl<>	U	1	2.13	<srl< td=""><td>U</td><td>1</td><td>3.20</td><td>1.00</td></srl<>	U	1	3.20	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>1.07</td><td><srl< td=""><td>Ü</td><td>1</td><td>1,60</td><td>0.50</td></srl<></td></srl<>	U	1	1.07	<srl< td=""><td>Ü</td><td>1</td><td>1,60</td><td>0.50</td></srl<>	Ü	1	1,60	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>IJ</td><td>1</td><td>1.07</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	IJ	1	1.07	<srl< td=""><td>Ü</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	Ü	1	1.60	0.50
Chlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
Ethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
m & p-Xylene	<srl< td=""><td>Ū</td><td>1</td><td>2.13</td><td><srl< td=""><td>U</td><td>1</td><td>3.20</td><td>1.00</td></srl<></td></srl<>	Ū	1	2.13	<srl< td=""><td>U</td><td>1</td><td>3.20</td><td>1.00</td></srl<>	U	1	3.20	1.00
Bromoform	<srl< td=""><td>Ü</td><td>i</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	Ü	i	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
Styrene	<srl< td=""><td>Ü</td><td>i</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	Ü	i	1.07	<srl< td=""><td>U</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	U	1	1.60	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>Ü</td><td>1</td><td>1.07</td><td><srl< td=""><td>U</td><td>1</td><td>1,60</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.07	<srl< td=""><td>U</td><td>1</td><td>1,60</td><td>0.50</td></srl<>	U	1	1,60	0.50
o-Xvlene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.07</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.07	<srl< td=""><td>Ü</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	Ü	1	1.60	0.50
4-Ethyltoluene	<srl< td=""><td>Ü</td><td>i</td><td>1.07</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	Ü	i	1.07	<srl< td=""><td>Ü</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	Ü	1	1.60	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.07</td><td><srl< td=""><td>Ü</td><td>1</td><td>1,60</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.07	<srl< td=""><td>Ü</td><td>1</td><td>1,60</td><td>0.50</td></srl<>	Ü	1	1,60	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.07</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.07	<srl< td=""><td>Ü</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	Ü	1	1.60	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ŭ</td><td>1</td><td>1.07</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.07	<srl< td=""><td>Ü</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	Ü	1	1.60	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.07</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.07	<srl< td=""><td>Ū</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	Ū	1	1.60	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>1.07</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1,60</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	1.07	<srl< td=""><td>Ŭ</td><td>1</td><td>1,60</td><td>0.50</td></srl<>	Ŭ	1	1,60	0.50
1.2-Dichlorobenzene	<srl< td=""><td>· U</td><td>i</td><td>1.07</td><td><srl< td=""><td>Ü</td><td>1</td><td>1,60</td><td>0.50</td></srl<></td></srl<>	· U	i	1.07	<srl< td=""><td>Ü</td><td>1</td><td>1,60</td><td>0.50</td></srl<>	Ü	1	1,60	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.07</td><td><srl< td=""><td>Ü</td><td>i</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.07	<srl< td=""><td>Ü</td><td>i</td><td>1.60</td><td>0.50</td></srl<>	Ü	i	1.60	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>i</td><td>1.07</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.60</td><td>0.50</td></srl<></td></srl<>	Ü	i	1.07	<srl< td=""><td>Ü</td><td>1</td><td>1.60</td><td>0.50</td></srl<>	Ü	1	1.60	0.50
BFB-Surrogate Std. % Recovery	10100	97%		1		97%			·70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232294 MATRIX: AIR

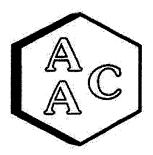
UNITS: PPB (v/v)

DATE RECEIVED: 11/07/2023

DATE REPORTED: 11/09/2023

ANALYST: DL/CH

Client ID		MS-10		Sample		MS-06		Sample	
AAC ID		232294-509				232294-509			Method
Date Sampled		11/06/202		Reporting		11/06/202		Reporting	Reporting
Date Analyzed		11/08/202	3	Limit	11/08/2023			Limit	Limit
Can Dilution Factor		2.99	·	(SRL)	5.14			(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.50	<srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	U	1	2.57	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>2.99</td><td><srl< td=""><td>U</td><td>1</td><td>5.14</td><td>1.00</td></srl<></td></srl<>	U	1	2.99	<srl< td=""><td>U</td><td>1</td><td>5.14</td><td>1.00</td></srl<>	U	1	5.14	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>1,50</td><td><srl_< td=""><td>U</td><td>11</td><td>2.57</td><td>0.50</td></srl_<></td></srl<>	U	1	1,50	<srl_< td=""><td>U</td><td>11</td><td>2.57</td><td>0.50</td></srl_<>	U	11	2.57	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td>8.37</td><td></td><td>11</td><td>2.57</td><td>0.50</td></srl<>	U	1	1.50	8.37		11	2.57	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>11</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>U</td><td>11</td><td>2.57</td><td>0.50</td></srl<>	U	11	2.57	0.50
Vinyl Chloride	<srl< td=""><td>U .</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>11</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U .	1	1.50	<srl< td=""><td>U</td><td>11</td><td>2.57</td><td>0.50</td></srl<>	U	11	2.57	0.50
Methanol	15.3		11	15.0	<srl< td=""><td>U</td><td>1</td><td>25.7</td><td>5.00</td></srl<>	U	1	25.7	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	U	1	2.57	0.50
Bromomethane	<srl< td=""><td>U</td><td>11</td><td>1.50</td><td><srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	11	1.50	<srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	U	1	2.57	0.50
Chloroethane	<srl< td=""><td>U</td><td>1 1</td><td>1,50</td><td><srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1 1	1,50	<srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	U	1	2.57	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>11</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>U</td><td>11</td><td>2.57</td><td>0.50</td></srl<>	U	11	2.57	0.50
Ethanol	13.9		1	5.99	12.9		11	10.3	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>11</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>U</td><td>11</td><td>2.57</td><td>0.50</td></srl<>	U	11	2.57	0.50
Acetone	9.34		1	5.99	23.3		11	10.3	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	U	1	2.57	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>5.99</td><td><srl< td=""><td>U</td><td>11</td><td>10.3</td><td>2.00</td></srl<></td></srl<>	U	1	5.99	<srl< td=""><td>U</td><td>11</td><td>10.3</td><td>2.00</td></srl<>	U	11	10.3	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	U	1	2.57	0.50
1,1-Dichloroethene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.50	<srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	U	1	2.57	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>11</td><td>2.99</td><td><srl< td=""><td>U</td><td>1</td><td>5.14</td><td>1.00</td></srl<></td></srl<>	U	11	2.99	<srl< td=""><td>U</td><td>1</td><td>5.14</td><td>1.00</td></srl<>	U	1	5.14	1.00
Allyl Chloride	<srl< td=""><td>Ü</td><td>11</td><td>2.99</td><td><srl< td=""><td>U</td><td>1</td><td>5.14</td><td>1.00</td></srl<></td></srl<>	Ü	11	2.99	<srl< td=""><td>U</td><td>1</td><td>5.14</td><td>1.00</td></srl<>	U	1	5.14	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>5.99</td><td><srl< td=""><td>U</td><td>1</td><td>10.3</td><td>2.00</td></srl<></td></srl<>	U	1	5.99	<srl< td=""><td>U</td><td>1</td><td>10.3</td><td>2.00</td></srl<>	U	1	10.3	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>11</td><td>2.57</td><td>0,50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>U</td><td>11</td><td>2.57</td><td>0,50</td></srl<>	U	11	2.57	0,50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>11</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>U</td><td>11</td><td>2.57</td><td>0.50</td></srl<>	U	11	2.57	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	U	1	2.57	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>11</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>U</td><td>11</td><td>2.57</td><td>0.50</td></srl<>	U	11	2.57	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>2.99</td><td><srl< td=""><td>U</td><td>1</td><td>5.14</td><td>1.00</td></srl<></td></srl<>	U	1	2.99	<srl< td=""><td>U</td><td>1</td><td>5.14</td><td>1.00</td></srl<>	U	1	5.14	1.00
2-Butanone (MEK)	4.10		1	2.99	<srl< td=""><td>U</td><td>1</td><td>5.14</td><td>1.00</td></srl<>	U	1	5.14	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>1</td><td>2,57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>U</td><td>1</td><td>2,57</td><td>0.50</td></srl<>	U	1	2,57	0.50
Hexane	4.13		1	1.50	<srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	U	1	2.57	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	U	1	2.57	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>Ü</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	Ü	1	2.57	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	U	1	2.57	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	U	1	2.57	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	U	1	2.57	0.50
Benzene	69.5		1	1.50	2.67		1	2.57	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232294 MATRIX: AIR

UNITS: PPB (v/v)

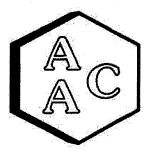
DATE RECEIVED: 11/07/2023

DATE REPORTED: 11/09/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

AAC ID Date Sampled	1	232294-509			le MS-06				
Date Sampled				Reporting		232294-509		Sample Reporting	Method
		11/06/202				11/06/202			Reporting
Date Analyzed		11/08/202	3	Limit		11/08/202	3	Limit	Limit
Can Dilution Factor		2.99		SRL)		5,14	,	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>11</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>U</td><td>11</td><td>2.57</td><td>0.50</td></srl<>	U	11	2.57	0.50
Cyclohexane	2.04		1	1.50	<srl< td=""><td>U</td><td>11</td><td>2.57</td><td>0.50</td></srl<>	U	11	2.57	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>11</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>U</td><td>11</td><td>2.57</td><td>0.50</td></srl<>	U	11	2.57	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>11</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>U</td><td>11</td><td>2.57</td><td>0.50</td></srl<>	U	11	2.57	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2,99</td><td><srl< td=""><td>U</td><td>1</td><td>5.14</td><td>1.00</td></srl<></td></srl<>	U	1	2,99	<srl< td=""><td>U</td><td>1</td><td>5.14</td><td>1.00</td></srl<>	U	1	5.14	1.00
Frichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	U	1	2.57	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	U	1	2.57	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>1</td><td>2,57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>U</td><td>1</td><td>2,57</td><td>0.50</td></srl<>	U	1	2,57	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.50	<srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	U	1	2.57	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>Ū</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	Ū	1	2.57	0.50
rans-1.3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>Ū</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	Ū	1	2.57	0.50
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>Ŭ</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	Ŭ	1	2.57	0.50
Foluene	39.1		1	1.50	5.24		1	2.57	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.99</td><td><srl< td=""><td>Ū</td><td>1</td><td>5.14</td><td>1.00</td></srl<></td></srl<>	U	1	2.99	<srl< td=""><td>Ū</td><td>1</td><td>5.14</td><td>1.00</td></srl<>	Ū	1	5.14	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>i</td><td>1.50</td><td><srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	i	1.50	<srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	U	1	2.57	0.50
1,2-Dibromoethane	<srl< td=""><td>Ü</td><td>i</td><td>1.50</td><td><srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	Ü	i	1.50	<srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	U	1	2.57	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>·U</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	·U	1	1.50	<srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	U	1	2.57	0.50
Chlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>i</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.50	<srl< td=""><td>U</td><td>i</td><td>2.57</td><td>0.50</td></srl<>	U	i	2.57	0.50
Ethylbenzene	1.95		1	1.50	<srl< td=""><td>Ū</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	Ū	1	2.57	0.50
n & p-Xvlene	5.60		1	2.99	<srl< td=""><td>U</td><td>1</td><td>5.14</td><td>1.00</td></srl<>	U	1	5.14	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	U	1	2.57	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>U</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	U	1	2.57	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>i</td><td>1.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	i	1.50	<srl< td=""><td>Ü</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	Ü	1	2.57	0.50
-Xylene	1.62		1	1.50	<srl< td=""><td>Ü</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	Ü	1	2.57	0.50
1-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>1.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	U	1	1.50	<srl< td=""><td>Ū</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	Ū	1	2.57	0.50
.3.5-Trimethylbenzene	<srl< td=""><td>. U</td><td>1</td><td>1.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	. U	1	1.50	<srl< td=""><td>Ü</td><td>i</td><td>2.57</td><td>0.50</td></srl<>	Ü	i	2.57	0.50
.2.4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.50	<srl< td=""><td>Ü</td><td>i</td><td>2.57</td><td>0.50</td></srl<>	Ü	i	2.57	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ū</td><td>1</td><td>1.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.50	<srl< td=""><td>Ŭ</td><td>i</td><td>2.57</td><td>0.50</td></srl<>	Ŭ	i	2.57	0.50
.3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.50	<srl< td=""><td>Ŭ</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	Ŭ	1	2.57	0.50
,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.50</td><td><srl< td=""><td>Ŭ</td><td>ī</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.50	<srl< td=""><td>Ŭ</td><td>ī</td><td>2.57</td><td>0.50</td></srl<>	Ŭ	ī	2.57	0.50
.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>1.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	Ü	i	1.50	<srl< td=""><td>Ŭ</td><td>1</td><td>2.57</td><td>0.50</td></srl<>	Ŭ	1	2.57	0.50
.2.4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.50	<srl< td=""><td>Ŭ</td><td>i</td><td>2.57</td><td>0.50</td></srl<>	Ŭ	i	2.57	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>i</td><td>1.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>2.57</td><td>0.50</td></srl<></td></srl<>	Ü	i	1.50	<srl< td=""><td>Ü</td><td>i</td><td>2.57</td><td>0.50</td></srl<>	Ü	i	2.57	0.50
BFB-Surrogate Std. % Recovery		97%				98%			70-130%



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232294

MATRIX : AIR

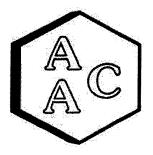
UNITS: PPB (v/v)

DATE RECEIVED: 11/07/2023

DATE REPORTED: 11/09/2023

ANALYST: DL/CH

Client ID	MS-11 232294-50959			Sample		
AAC ID				Reporting	Method	
Date Sampled		11/06/202		Limit	Reporting	
Date Analyzed		11/08/202	3		Limit	
Can Dilution Factor		5.42	,	(SRL)	(MRL)	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)		
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50	
Propene	<srl< td=""><td>U</td><td>11</td><td>5.42</td><td>1.00</td></srl<>	U	11	5.42	1.00	
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50	
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50	
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50	
Vinyl Chloride	<srl< td=""><td>Ū</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	Ū	1	2.71	0.50	
Methanol	147		1	27.1	5,00	
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50	
Bromomethane	<srl< td=""><td>U</td><td>11</td><td>2.71</td><td>0.50</td></srl<>	U	11	2.71	0.50	
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50	
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50	
Ethanol	63.7		1	10.8	2.00	
Vinyl Bromide	<srl< td=""><td>Ü</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	Ü	1	2.71	0.50	
Acetone	12.2	7.	1	10.8	2.00	
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>2,71</td><td>0.50</td></srl<>	U	1	2,71	0.50	
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>10.8</td><td>2.00</td></srl<>	U	1	10.8	2.00	
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50	
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50	
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>5.42</td><td>1.00</td></srl<>	U	1	5.42	1.00	
Allyl Chloride	<srl< td=""><td>Ū</td><td>1</td><td>5.42</td><td>1.00</td></srl<>	Ū	1	5.42	1.00	
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>10.8</td><td>2.00</td></srl<>	U	1	10.8	2.00	
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50	
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50	
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50	
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50	
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>5.42</td><td>1.00</td></srl<>	U	1	5.42	1.00	
2-Butanone (MEK)	<srl< td=""><td>Ü</td><td>1</td><td>5.42</td><td>1.00</td></srl<>	Ü	1	5.42	1.00	
cis-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	Ü	1	2.71	0.50	
Hexane	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50	
Chloroform	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50	
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50	
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50	
1,2-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	Ū	1	2.71	0.50	
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50	
Benzene	<srl< td=""><td>Ü</td><td>i</td><td>2.71</td><td>0.50</td></srl<>	Ü	i	2.71	0.50	
<u> </u>						



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232294

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 11/07/2023

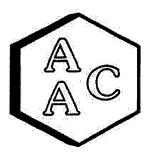
DATE REPORTED: 11/09/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-11	50	Sample	3.6.413
AAC ID		232294-509 11/06/202		Reporting	Method
Date Sampled				Limit	Reporting
Date Analyzed	-	11/08/202	3		Limit
Can Dilution Factor	-	5.42		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>2.71</td><td>0.50</td></srl<>	U	11	2.71	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>2.71</td><td>0.50</td></srl<>	U	11	2.71	0.50
1,4-Dioxane	<srl< td=""><td>Ü</td><td>11</td><td>5.42</td><td>1.00</td></srl<>	Ü	11	5.42	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>2:71</td><td>0.50</td></srl<>	U	1	2:71	0.50
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>5.42</td><td>1.00</td></srl<>	U	1	5.42	1.00
Dibromochloromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	Ŭ	1	2.71	0.50
1.2-Dibromoethane	<srl< td=""><td>Ŭ</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	Ŭ	1	2.71	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ū</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	Ū	1	2.71	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50
Ethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	Ü	1	2.71	0.50
nd	<srl< td=""><td>U</td><td>1</td><td>5.42</td><td>1.00</td></srl<>	U	1	5.42	1.00
Bromoform	<srl< td=""><td>Ū</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	Ū	1	2.71	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	U	1	2.71	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>Ū</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	Ū	1	2.71	0.50
o-Xylene	<srl< td=""><td>Ü</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	Ü	1	2.71	0.50
4-Ethyltoluene	<srl< td=""><td>Ū</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	Ū	1	2.71	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	Ü	1	2.71	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	Ŭ	1	2.71	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ŭ</td><td>1</td><td>2.71</td><td>0.50</td></srl<>	Ŭ	1	2.71	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>2.71</td><td>0.50</td></srl<>	Ü	i	2.71	0.50
1,4-Dichlorobenzene	<srl< td=""><td>IJ</td><td>i</td><td>2.71</td><td>0.50</td></srl<>	IJ	i	2.71	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>2.71</td><td>0.50</td></srl<>	Ü	i	2.71	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>2.71</td><td>0.50</td></srl<>	Ŭ	i	2.71	0.50
Hexachlorobutadiene	<srl< td=""><td>II ·</td><td>-</td><td>2.71</td><td>0.50</td></srl<>	II ·	-	2.71	0.50
BFB-Surrogate Std. % Recovery	-SIND	97%		4.4	70-130%





Analyte Compounds (Continued)

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/08/2023

MATRIX: High Purity N₂

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-04

CALIBRATION STD ID: MS1-051523-01

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 09/26/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery 3
4-BFB (surrogate standard)	9.40	9.63	102
Chlorodifluoromethane	10.40	13.00	125
Propene	10.60	12.27	116
Dichlorodifluoromethane	10.40	12.27	118
Dimethyl Ether	10.20	11.67	114
Chloromethane	10.40	12,06	116
Dichlorotetrafluoroethane	10.30	10.48	102
Vinyl Chloride	10.50	12.43	118
Acetaldehyde	21.10	22.72	108
Methanol	18.80	17.06	91
1,3-Butadiene	10.60	12.75	120
Bromomethane	10.40	10.06	97
Chloroethane	10.30	10.98	107
Dichlorofluoromethane	10.20	11.41	112
Ethanol	11.20	11.67	104
Vinyl Bromide	10.10	10.13	100
Acrolein	11.10	13.05	118
Acetone	10.60	10.82	102
Trichlorofluoromethane	10.50	11.49	109
2-Propanol (IPA)	11.00	13.11	119
Acrylonitrile	11.20	13.66	122
1,1-Dichloroethene	10.40	10.42	100
Methylene Chloride (DCM)	10.50	9.94	95
TertButanol (TBA)	11.10	13.73	124
Allyl Chloride	10.20	11.64	114
Carbon Disulfide	10.50	11.11	106
Trichlorotrifluoroethane	10.40	10.52	. 101
trans-1,2-Dichloroethene	10.60	11.35	107
1,1-Dichloroethane	10.50	12.11	115
Methyl Tert Butyl Ether (MTBE)	10.50	11.81	112
Vinyl Acetate	11.00	12.69	115
2-Butanone (MEK)	10.60	10.94	103
cis-1,2-Dichloroethene	10.50	11.21	107
Hexane	10.70	11.54	108
Chloroform	10.60	11.83	112
Ethyl Acetate	10.60	13.36	126
Tetrahydrofuran	10.20	11.08	109
1,2-Dichloroethane	10.50	12.86	122
1,1,1-Trichloroethane	10.40	12.04	116
Benzene	10.60	11.21	106
Carbon Tetrachloride	10.20	12.46	122
Cyclohexane	10.50	10.39	99

1,2-Dichloropropane	10.50	11.90	113
Bromodichloromethane	10.40	12.30	118
1,4-Dioxane	10.40	10.73	103
Trichloroethene (TCE)	10.40	10.55	101
2,2,4-Trimethylpentane	10.00	11.66	117
Methyl Methacrylate	11.00	12.67	115
Heptane	10.50	11.05	105
cis-1,3-Dichloropropene	10,40	12.04	116
4-Methyl-2-pentanone (MiBK)	10,40	12.36	119
trans-1,3-Dichloropropene	10.50	12.35	118
1,1,2-Trichloroethane	10.50	10.93	104
Toluene	10.60	11.03	104
2-Hexanone (MBK)	10.50	12.74	121
Dibromochloromethane	10.30	12.12	118
1,2-Dibromoethane	10.60	11.06	104
Tetrachloroethene (PCE)	10.40	10.86	104
Chlorobenzene	10,60	10.32	97
Ethylbenzene	10.50	11.27	107
m & p-Xylene	21.00	22.25	106
Bromoform	10.50	12.81	122
Styrene	10.50	11.38	108
1,1,2,2-Tetrachloroethane	10.50	11.06	105
o-Xylene	10.50	11.09	106
1,2,3-Trichloropropane	11.00	11.93	108
Isopropylbenzene (Cumene)	10.30	10.62	103
α-Pinene	10.70	11.67	109
2-Chlorotoluene	10.30	10.65	103
n-Propylbenzene	10.10	10.53	104
4-Ethyltoluene	10.30	10.66	103
1,3,5-Trimethylbenzene	10.30	11.01	107
β-Pinene	11.00	4.47	41
1,2,4-Trimethylbenzene	10.30	10.76	104
Benzyl Chloride (a-Chlorotoluene)	10.40	9.70	93
1,3-Dichlorobenzene	10.40	10.85	104
1,4-Dichlorobenzene	10.30	10.59	103
Sec-ButylBenzene	10.10	10.63	105
1,2-Dichlorobenzene	10.60	10.70	101
n-ButylBenzene	10.20	10.81	106
1,2-Dibromo-3-Chloropropane	10,10	10.90	108
1,2,4-Trichlorobenzene	11.00	12.07 \	110
Naphthalene	11.50	11.46	100
Hexachlorobutadiene	11.00	12.00	109



Page 10

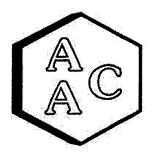
% Recovery 3



¹Concentration of analyte compound in certified source standard.

² Measured result from daily Continuing Calibration Verification (CCV).

³ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/08/2023

INSTRUMENT ID: GC/MS-04

MATRIX: High Purity N₂

CALIBRATION STD ID: MS1-051523-01

UNITS: PPB (v/v) ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

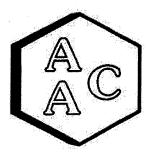
System Monitoring Compounds	Sample	Spike	LCS ¹	LCSD 1	LCS ¹	LCSD 1	RPD ³
System Would ing Compounds	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	KFL
4-BFB (surrogate standard)	0.0	9.40	9.63	9.83	102	105	2.1
1,1-Dichloroethene	0.0	10.40	10.42	10.54	100	101	1.1
Methylene Chloride (DCM)	0.0	10.50	9.94	9.89	95	94	0.5
Benzene	0.0	10.60	11.21	11.11	106	105	0.9
Trichloroethene (TCE)	0.0	10.40	10.55	10.42	101	100	1.2
Toluene	0.0	10.60	11.03	10.88	104	103	1.4
Tetrachloroethene (PCE)	0.0	10.40	10.86	10.81	104	104	0.5
Chlorobenzene	0.0	10.60	10.32	10.31	97	97	0.1
Ethylbenzene	0.0	10.50	11.27	11.19	107	107	0.7
m & p-Xylene	0.0	21.00	22.25	21.94	106	104	1.4
o-Xylene	0.0	10.50	11.09	11.00	106	105	0.8

¹Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)



² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/08/2023

INSTRUMENT ID: GC/MS-04

ANALYST: DL

MATRIX: High Purity He or N₂
UNITS: PPB (v/v)

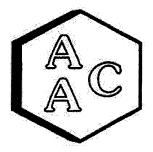
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 110823	Reporting Limit (RL)
4-BFB (surrogate standard)	99%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0,5</td></rl<>	0,5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0,5</td></rl<>	0,5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5
Allyl Chloride	<rl< td=""><td>1.0</td></rl<>	1.0
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>1.0</td></rl<>	1.0
2-Butanone (MEK)	<rl< td=""><td>1.0</td></rl<>	1.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0.5</td></rl<>	0.5
Cyclohexane	<rl< td=""><td>0.5</td></rl<>	0.5

Analyte Compounds (Continued)	MB 110823	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0,5</td></rl<>	0,5
1,4-Dioxane	<rl< td=""><td>1.0</td></rl<>	1.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>1.0</td></rl<>	1.0
Dibromochloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0,5</td></rl<>	0,5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trichlorobenzene	<rl< td=""><td>0,5</td></rl<>	0,5
Naphthalene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5





QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/08/2023

INSTRUMENT ID: GC/MS-04

MATRIX: Air

ANALYST: DL

UNITS: PPB (v/v)

DILUTION FACTOR¹: x2.32

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 232294-50953

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	9.18	9.05	1.4
Chlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Propene	- <srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dimethyl Ether	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorotetrafluoroethane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Vinyl Chloride	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Acetaldehyde	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Methanol	J 9.04	7.69	16.1
1,3-Butadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromomethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroethane	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Dichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Ethanol	9.53	. 10.2	6.8
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrolein	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetone	5.53	6.07	9.2
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Propanol (IPA)	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
Acrylonitrile	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methylene Chloride (DCM)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
TertButanol (TBA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Allyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Disulfide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Acetate	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
2-Butanone (MEK)	2.28	2.56	11.5
cis-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrahydrofuran	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichloroethane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
1,1,1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Carbon Tetrachloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Cyclohexane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichloroethene (TCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Heptane	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2-Trichloroethane	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Toluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrachloroethene (PCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chlorobenzene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Ethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
m & p-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromoform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Styrene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,1,2,2-Tetrachloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
o-Xylene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Isopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
α-Pinene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Ethyltoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3,5-Trimethylbenzene	<srl< td=""><td><\$RL</td><td>N.A</td></srl<>	<\$RL	N.A
β-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Sec-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
1,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
1,2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Naphthalene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Hexachlorobutadiene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A

¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

J - Estimated value between the detection limit and the minimum reporting limit, shown for duplication purposes only.



² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%). SRL - Sample Reporting Limit (minimum)

ン3て、9月 IN OF CUSTODY RECORD

		Δ'	Ventura		horatory AAC	Analytical Laboratory	41,	Environmental Inc. 865 Via Lata · Colton, California 92324	Environm 865 Via Lata · Collto	Sample Collector
ā	Jace				by. (Signatur	proposed of by (Signature)				Campic Disposal Fiction.
	11(7/23	(Signature)	ved for Laboratory: (Signature)	<i>I II</i> 2.	Time	Date			ignature)	Relinquished by: (Signature)
Time	Date		Received by: (Signature)	Received by		Date			ignature)	Relinquished by: (Signature)
Time	Date		Received by: (Signature)	Received by	1024	Date 11/07/23		When	Signature)	Relinquished by: (Signature)
119596	001228		X	15th X	Summa Canister	665	90959	0307-0906	11-6/7-23	M5- 11
1 19593	000958		X	Wiske X	Summa Caviste	61	50958	0748-0842	11-10/7-23	M5-06
19511	841100		X	Wisker X	Summa Canista	62	50957	0734-0824	11-6/7-23	MS-10
19505	000 939		X	X April	Jumma Canista	61	3-09-6	0724-6810	11-6/7-23	M5-09
19897	485100		X	X X	6 L Summa Canister	615	50955	6540-PHO	11-10/7-23	M5-08
19594	001240		X	Cavister	66 Summa Car	829	4-2605	0708-0751	52-4/0111	M5-12
19513	1 tolioo		X		Summa Canister	66	50953	0700-0735	11-6/7-23	M5-07
Remarks / Controller	/ Canister		307 TO 7		Type of Sample		Lab Sample Number	Time	Date	Sample No./ Identification
		FUII	15 S	No. Of Containers \mathcal{F}	No.		(Signature) Muff		Ligar	Sampler: (Print) A berto
		15 Kor 45 K					Field Logbook No.			Project No.
	ANALYSES	ANA			CA	Valencia	Project Location	chemileers /	yon Las	Chigoita Can
				טאָט	CUSTODI RECO		CHAIN OF	San a see	^\ \ \	lion+/Droject Nam

2

t 500

×

coped Sitions



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon Landfill Air/Odor Sampling

AAC PROJECT NO.

: 232294

REPORT DATE

: 11/08/2023

On November 7th 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) Six-Liter Silonite canisters for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Return Pressure (mmHg)
MS-07	232294-50953	440.5
MS-12	232294-50954	382.5
MS-08	232294-50955	478.1
MS-09	232294-50956	321.7
MS-10	232294-50957	342.5
MS-06	232294-50958	203.8
MS-11	232294-50959	190.8

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Technical Director

This report consists of 5 pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO. : 232294

MATRIX : AIR UNITS : ppmv **SAMPLING DATE:** 11/06-07/2023

RECEIVING DATE: 11/07/2023 ANALYSIS DATE: 11/07/2023

REPORT DATE: 11/08/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-09
AAC ID	232294-50953	232294-50954	232294-50955	232294-50956
Canister Dil. Fac.	2.32	2.68	2.13	3.20
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.023	< 0.027	< 0.021	< 0.032
COS / SO2	< 0.023	< 0.027	< 0.021	< 0.032
Methyl Mercaptan	< 0.023	< 0.027	< 0.021	< 0.032
Ethyl Mercaptan	< 0.023	< 0.027	< 0.021	< 0.032
Dimethyl Sulfide	< 0.023	< 0.027	< 0.021	< 0.032
Carbon Disulfide	< 0.023	< 0.027	< 0.021	< 0.032
Isopropyl Mercaptan	< 0.023	< 0.027	< 0.021	< 0.032
tert-Butyl Mercaptan	< 0.023	< 0.027	< 0.021	< 0.032
n-Propyl Mercaptan	< 0.023	< 0.027	< 0.021	< 0.032
Methylethylsulfide	< 0.023	< 0.027	< 0.021	< 0.032
sec-Butyl Mercaptan / Thiophene	< 0.023	< 0.027	< 0.021	< 0.032
iso-Butyl Mercaptan	< 0.023	< 0.027	< 0.021	< 0.032
Diethyl Sulfide	< 0.023	< 0.027	< 0.021	< 0.032
n-Butyl Mercaptan	< 0.023	< 0.027	< 0.021	< 0.032
Dimethyl Disulfide	< 0.023	< 0.027	< 0.021	< 0.032
2-Methylthiophene	< 0.023	< 0.027	< 0.021	< 0.032
3-Methylthiophene	< 0.023	< 0.027	< 0.021	< 0.032
Tetrahydrothiophene	< 0.023	< 0.027	< 0.021	< 0.032
Bromothiophene	< 0.023	< 0.027	< 0.021	< 0.032
Thiophenol	< 0.023	< 0.027	< 0.021	< 0.032
Diethyl Disulfide	< 0.023	< 0.027	< 0.021	< 0.032
Total Unidentified Sulfur	< 0.023	< 0.027	< 0.021	< 0.032
Total Reduced Sulfurs	< 0.023	< 0.027	< 0.021	< 0.032

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232294

MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 11/06-07/2023

RECEIVING DATE: 11/07/2023

ANALYSIS DATE: 11/07/2023 REPORT DATE: 11/08/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-06	MS-11
AAC ID	232294-50957	232294-50958	232294-50959
Canister Dil. Fac.	2.99	5.14	5.42
Analyte	Result	Result	Result
Hydrogen Sulfide	< 0.030	< 0.051	< 0.054
COS / SO2	< 0.030	< 0.051	< 0.054
Methyl Mercaptan	< 0.030	< 0.051	< 0.054
Ethyl Mercaptan	< 0.030	< 0.051	< 0.054
Dimethyl Sulfide	< 0.030	< 0.051	< 0.054
Carbon Disulfide	< 0.030	< 0.051	< 0.054
Isopropyl Mercaptan	< 0.030	< 0.051	< 0.054
tert-Butyl Mercaptan	< 0.030	< 0.051	< 0.054
n-Propyl Mercaptan	< 0.030	< 0.051	< 0.054
Methylethylsulfide	< 0.030	< 0.051	< 0.054
sec-Butyl Mercaptan / Thiophene	< 0.030	< 0.051	< 0.054
iso-Butyl Mercaptan	< 0.030	< 0.051	< 0.054
Diethyl Sulfide	< 0.030	< 0.051	< 0.054
n-Butyl Mercaptan	< 0.030	< 0.051	< 0.054
Dimethyl Disulfide	< 0.030	< 0.051	< 0.054
2-Methylthiophene	< 0.030	< 0.051	< 0.054
3-Methylthiophene	< 0.030	< 0.051	< 0.054
Tetrahydrothiophene	< 0.030	< 0.051	< 0.054
Bromothiophene	< 0.030	< 0.051	< 0.054
Thiophenol	< 0.030	< 0.051	< 0.054
Diethyl Disulfide	< 0.030	< 0.051	< 0.054
Total Unidentified Sulfur	< 0.030	< 0.051	< 0.054
Total Reduced Sulfurs	< 0.030	< 0.051	< 0.054

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 11/7/2023 Analyst: KM

Units: ppbV

Instrument ID: SCD#10 Calb. Date:: 07/11/2022

Opening Calibration Verification Standard

499.8 ppbV H2S (SS1289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1883	511	102,2	1.3
Duplicate	1802	489	97.8	3.0
Triplicate	1889	512	102.5	1.7

47.5	ppbV	H2S	(SS1289	"

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2272	527	96.2	0.8
Duplicate	2311	536	97.9	0.9
Triplicate	2286	530	96.8	0.2

479.0 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	. 2613	494	103.1	2.9
Duplicate	2424	458	95.7	4.6
Triplicate	2582	488	101.9	1.7

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< th=""></pql<>

				2 *	and the second s
.]	Duplicate Analysis	1.		 Sample ID	231187-45761

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< th=""><th><pql< th=""><th>0.0</th><th>0.0</th></pql<></th></pql<>	<pql< th=""><th>0.0</th><th>0.0</th></pql<>	0.0	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0

Matrix Spike & Duplicate Sample ID 231438-46986 x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H ₂ S	<pql< td=""><td>249.9</td><td>246.0</td><td>231.4</td><td>98.4</td><td>92.6</td><td>6.1</td></pql<>	249.9	246.0	231.4	98.4	92.6	6.1
MeSH	<pql< td=""><td>273.8</td><td>272.3</td><td>277.3</td><td>99.5</td><td>101.3</td><td>1.8</td></pql<>	273.8	272.3	277.3	99.5	101.3	1.8
DMS	<pql< td=""><td>239.5</td><td>257.5</td><td>243.1</td><td>107.5</td><td>101.5</td><td>5.8</td></pql<>	239.5	257.5	243.1	107.5	101.5	5.8

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	499.8	511.0	102.2
MeSH	547.5	557.2	101.8
DMS	479.0	489.9	102.3

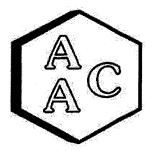
^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD fro. ssAS

 $\begin{aligned} \textit{MeSH: PQL} &= 10.5 \; ppbV, \; \textit{MDL} = 1.12 \; ppbV \\ \textit{DMS:} &\quad \textit{PQL} = 11.0 \; ppbV, \; \textit{MDL} = 1.12 \; ppbV \end{aligned}$

CHAIN OF CUSTODY RECORD

			,	865 Via Lata • Colton, California 92324 (909) 422-1001 Fax (909) 422-0707	865 Via Lata • ((909) 422-10(
	c Ventura	AA	16	Environmental Inc.	Enviror	-
					STORY OF	
				}	1019	
		Analytical Laboratory				Sample Collector
Date Time) com/	Disposed of by: (Signature)			lethod:	Sample Disposal Method:
11/1/23 1024	The second secon					
The state of the s	Received for Laboratory: (Signature)	Date Time			Signature)	Relinquished by: (Signature)
Date Time	Received by: (Signature)	Date Time			Signature)	Relinquished by: (Signature)
		11/07/23 1024		May		
Date Time	Received by: (Signature)	Date, Time			(Signature)	Relinquished by: (Signature)
001228/19596	ister XX	OL Summa Canis	70959	0)060-4180	11-10/7-23	MS- 11
000958 / 19593	Camister	GL Schma Ca	50958	2480-842	11-10/7-23	75-06
001148/19511	mister X	6L Summa Counster	50957	0734-0824	11-10/7-23	MS-10
000 939 / 19505	No set	6 L Jumme Counister	50956	0724-0810	52-4/01-11	MS-09
L6561/H25100	XX	6- Summa Canis	50955	b540-140	11-10/7-23	M5-08
001240/19594	Camistar X	GC SUMMA COM	4-560-S	0708-0751	52-4/0-11	M5-12
1 tolioo	X	6 L Schmand Comister	50953	5540-0040	11-6/7-23	M5-07
Conister Courtroller	307/FOT/	Type of Sample	Lab Sample Number	Time	Date	Sample No./ Identification
			Mulph		o lopez	Alberto
	Containers	No. Of	(Signature)			Sampler: (Print)
	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\					
	/ //		Field Logbook No.			
ANALYSES		alencia, ca	Project Location	consineers/	yon La	Chiquita Caw
	CORD	CHAIN OF CUSTODY REC	CHAIN		^3 Å	

In cus + In caped consider



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon Landfill Air/Odor Sampling

AAC PROJECT NO.

: 232354

REPORT DATE

: 11/16/2023

On November 14, 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Return Pressure (mmHga)
MS-07	232354-51188	506.4
MS-12	232354-51189	525.3
MS-08	232354-51190	614.5
MS-09	232354-51191	500.1
MS-10	232354-51192	544.8
MS-06	232354-51193	625.9
MS-11	232354-51194	417.2

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

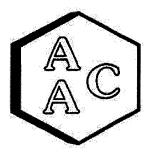
I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Гесhnical Direct

This report consists of 11 pages.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232354

MATRIX : AIR
UNITS : PPB (v/v)

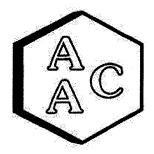
DATE RECEIVED: 11/14/2023

DATE RECEIVED: 11/14/2023

DATE REPORTED: 11/16/2023

ANALYST: DL/CH

Client ID		MS-07		Sample		MS-12	*	Sample	
AAC ID		232354-511				232354-511			Method
Date Sampled		11/13/202		Reporting	11/13/2023			Reporting	Reporting
Date Analyzed		11/14/202	3	Limit		11/14/202	3	Limit	Limit
Can Dilution Factor		2.04		(SRL)		1,95		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>2.04</td><td><srl< td=""><td>U</td><td>1</td><td>1.95</td><td>1.00</td></srl<></td></srl<>	U	1	2.04	<srl< td=""><td>U</td><td>1</td><td>1.95</td><td>1.00</td></srl<>	U	1	1.95	1.00
Dichlorodifluoromethane	<srl< td=""><td>· U</td><td>11</td><td>1.02</td><td><srl< td=""><td>U</td><td>11</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	· U	11	1.02	<srl< td=""><td>U</td><td>11</td><td>0.98</td><td>0.50</td></srl<>	U	11	0.98	0.50
Chloromethane	<srl< td=""><td>U</td><td>11</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	11	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>11</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0,98</td><td>0.50</td></srl<></td></srl<>	U	11	1.02	<srl< td=""><td>U</td><td>1</td><td>0,98</td><td>0.50</td></srl<>	U	1	0,98	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>Ü</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	Ü	1	0.98	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>10.2</td><td><srl< td=""><td>U</td><td>1</td><td>9.77</td><td>5.00</td></srl<></td></srl<>	U	1	10.2	<srl< td=""><td>U</td><td>1</td><td>9.77</td><td>5.00</td></srl<>	U	1	9.77	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
Bromomethane	<srl< td=""><td>Ŭ</td><td>1</td><td>1.02</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.02	<srl< td=""><td>Ü</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	Ü	1	0.98	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>Ŭ</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	Ŭ	1	0.98	0.50
Ethanol	6.97		1	4.08	6.57		1	3.91	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
Acetone	5.85		1	4.08	5.83		1	3.91	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>4.08</td><td><srl< td=""><td>U</td><td>1</td><td>3.91</td><td>2.00</td></srl<></td></srl<>	U	1	4.08	<srl< td=""><td>U</td><td>1</td><td>3.91</td><td>2.00</td></srl<>	U	1	3.91	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ū</td><td>1</td><td>2.04</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.95</td><td>1.00</td></srl<></td></srl<>	Ū	1	2.04	<srl< td=""><td>Ū</td><td>1</td><td>1.95</td><td>1.00</td></srl<>	Ū	1	1.95	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>2.04</td><td><srl< td=""><td>U</td><td>1</td><td>1.95</td><td>1.00</td></srl<></td></srl<>	U	1	2.04	<srl< td=""><td>U</td><td>1</td><td>1.95</td><td>1.00</td></srl<>	U	1	1.95	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>4.08</td><td><srl< td=""><td>U</td><td>1</td><td>3,91</td><td>2,00</td></srl<></td></srl<>	U	1	4.08	<srl< td=""><td>U</td><td>1</td><td>3,91</td><td>2,00</td></srl<>	U	1	3,91	2,00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>Ų</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>Ų</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	Ų	1	0.98	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
Vinyl Acetate	<srl< td=""><td>Д</td><td>1</td><td>2.04</td><td><srl< td=""><td>U</td><td>1</td><td>1.95</td><td>1.00</td></srl<></td></srl<>	Д	1	2.04	<srl< td=""><td>U</td><td>1</td><td>1.95</td><td>1.00</td></srl<>	U	1	1.95	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>2.04</td><td><srl< td=""><td>U</td><td>1</td><td>1.95</td><td>1.00</td></srl<></td></srl<>	U	1	2.04	<srl< td=""><td>U</td><td>1</td><td>1.95</td><td>1.00</td></srl<>	U	1	1.95	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>Ŭ</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	Ŭ	1	0.98	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>Ū</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	Ū	1	0.98	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>Ū</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	Ū	1	0.98	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>1.02</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.02	<srl< td=""><td>Ū</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	Ū	1	0.98	0.50
Benzene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232354 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 11/14/2023

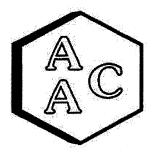
DATE REPORTED: 11/16/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-07		Sample		MS-12		Sample	
AAC ID		232354-511			232354-51189			Deporting WI	Method
Date Sampled		11/13/202		Reporting	11/15/2020			Limit	Reporting
Date Analyzed		11/14/202	3	Limit	11/14/2023				Limit
Can Dilution Factor		2.04		(SRL)		1,95		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	`
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>11</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>11</td><td>0.98</td><td>0.50</td></srl<>	U	11	0.98	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>11</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>11</td><td>0.98</td><td>0.50</td></srl<>	U	11	0.98	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	11	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
1.4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.04</td><td><srl< td=""><td>U</td><td>1</td><td>1.95</td><td>1.00</td></srl<></td></srl<>	U	1	2.04	<srl< td=""><td>U</td><td>1</td><td>1.95</td><td>1.00</td></srl<>	U	1	1.95	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>1,02</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1,02	<srl< td=""><td>Ū</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	Ū	1	0.98	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>11</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>11</td><td>0.98</td><td>0.50</td></srl<>	U	11	0.98	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
trans-1.3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>Ŭ</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	Ŭ	1	0.98	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ü</td><td>1</td><td>2.04</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.95</td><td>1.00</td></srl<></td></srl<>	Ü	1	2.04	<srl< td=""><td>Ū</td><td>1</td><td>1.95</td><td>1.00</td></srl<>	Ū	1	1.95	1.00
Dibromochloromethane	<srl< td=""><td>Ü</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0,98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>Ŭ</td><td>1</td><td>0,98</td><td>0.50</td></srl<>	Ŭ	1	0,98	0.50
Chlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>2.04</td><td><srl< td=""><td>U</td><td>1</td><td>1.95</td><td>1,00</td></srl<></td></srl<>	U	1	2.04	<srl< td=""><td>U</td><td>1</td><td>1.95</td><td>1,00</td></srl<>	U	1	1.95	1,00
Bromoform	<srl< td=""><td>Ü</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>Ū</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	Ū	1	0.98	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>Ū</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	Ū	1	0.98	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0,98</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0,98</td><td>0.50</td></srl<>	U	1	0,98	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	U	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>ī</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	Ü	ī	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.02</td><td><srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.02	<srl< td=""><td>U</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	U	1	0.98	0.50
Hexachlorobutadiene	<srl< td=""><td>Ū</td><td>i i</td><td>1.02</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.98</td><td>0.50</td></srl<></td></srl<>	Ū	i i	1.02	<srl< td=""><td>Ü</td><td>1</td><td>0.98</td><td>0.50</td></srl<>	Ü	1	0.98	0.50
BFB-Surrogate Std. % Recovery		99%	 	117.55		98%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232354 MATRIX: AIR

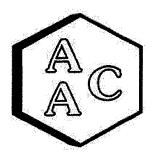
UNITS: PPB (v/v)

DATE RECEIVED: 11/14/2023

DATE REPORTED: 11/16/2023

ANALYST: DL/CH

Client ID AAC ID		MS-08 232354-511	00	Sample		MS-09 232354-511	01	Sample	Method
Date Sampled		11/13/202		Reporting	11/13/2023			Reporting	
Date Analyzed		11/13/202		Limit		11/13/202		Limit	Reporting
Can Dilution Factor	 	1.67	<u> </u>	(SRL)	2.06			(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.67</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.06</td><td>1,00</td></srl<></td></srl<>	U	1	1.67	<srl< td=""><td>Ü</td><td>1</td><td>2.06</td><td>1,00</td></srl<>	Ü	1	2.06	1,00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1,03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1,03</td><td>0.50</td></srl<>	U	1	1,03	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
Vinyl Chloride	<srl< td=""><td>Ŭ</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>8.37</td><td><srl< td=""><td>U</td><td>11</td><td>10.3</td><td>5.00</td></srl<></td></srl<>	U	1	8.37	<srl< td=""><td>U</td><td>11</td><td>10.3</td><td>5.00</td></srl<>	U	11	10.3	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>11</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	11	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1 .</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1 .</td><td>1.03</td><td>0.50</td></srl<>	U	1 .	1.03	0.50
Dichlorofluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1,03</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1,03</td><td>0.50</td></srl<>	U	1	1,03	0.50
Ethanol	3.89		1	3.35	<srl< td=""><td>U</td><td>1</td><td>4.12</td><td>2.00</td></srl<>	U	1	4.12	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
Acetone	4.69		1	3.35	6.89		1	4.12	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>11</td><td>3.35</td><td><srl< td=""><td>U</td><td>1</td><td>4.12</td><td>2.00</td></srl<></td></srl<>	U	11	3.35	<srl< td=""><td>U</td><td>1</td><td>4.12</td><td>2.00</td></srl<>	U	1	4.12	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>11</td><td>0.84</td><td><srl< td=""><td>U</td><td>11</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	11	0.84	<srl< td=""><td>U</td><td>11</td><td>1.03</td><td>0.50</td></srl<>	U	11	1.03	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.67</td><td><srl< td=""><td>U</td><td>1</td><td>2.06</td><td>1.00</td></srl<></td></srl<>	U	1	1.67	<srl< td=""><td>U</td><td>1</td><td>2.06</td><td>1.00</td></srl<>	U	1	2.06	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.67</td><td><srl< td=""><td>U</td><td>11</td><td>2.06</td><td>1.00</td></srl<></td></srl<>	U	1	1.67	<srl< td=""><td>U</td><td>11</td><td>2.06</td><td>1.00</td></srl<>	U	11	2.06	1.00
Carbon Disulfide	<srl< td=""><td>Ŭ</td><td>11</td><td>3.35</td><td><srl< td=""><td>U</td><td>1</td><td>4.12</td><td>2.00</td></srl<></td></srl<>	Ŭ	11	3.35	<srl< td=""><td>U</td><td>1</td><td>4.12</td><td>2.00</td></srl<>	U	1	4.12	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>11</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	11	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>11</td><td>0.84</td><td><srl< td=""><td>U</td><td>11</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	11	0.84	<srl< td=""><td>U</td><td>11</td><td>1.03</td><td>0.50</td></srl<>	U	11	1.03	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.67</td><td><srl< td=""><td>U</td><td>1</td><td>2.06</td><td>1.00</td></srl<></td></srl<>	U	1	1.67	<srl< td=""><td>U</td><td>1</td><td>2.06</td><td>1.00</td></srl<>	U	1	2.06	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>11</td><td>1.67</td><td><srl< td=""><td>U</td><td>1</td><td>2.06</td><td>1.00</td></srl<></td></srl<>	U	11	1.67	<srl< td=""><td>U</td><td>1</td><td>2.06</td><td>1.00</td></srl<>	U	1	2.06	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>11</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>11</td><td>1.03</td><td>0.50</td></srl<>	U	11	1.03	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
Benzene	<srl< td=""><td>U</td><td>11</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	11	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232354

MATRIX : AIR UNITS: PPB (v/v)

DATE RECEIVED: 11/14/2023

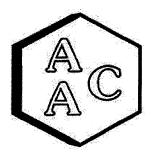
DATE REPORTED: 11/16/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-08		Sample	MS-09			Sample Method	
AAC ID		232354-511		Reporting	232354-51191			Reporting	
Date Sampled		11/13/202		Limit	11/13/2023			Limit	Reporting
Date Analyzed		11/14/202	3			11/14/202	3		Limit
Can Dilution Factor		1.67	,	(SRL)		2.06	r	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>11</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>11</td><td>1.03</td><td>0.50</td></srl<>	U	11	1.03	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td><u> </u></td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td><u> </u></td><td>1.03</td><td>0.50</td></srl<>	U	<u> </u>	1.03	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>0.84</td><td><srl< td=""><td>U</td><td>11</td><td>1.03</td><td>0,50</td></srl<></td></srl<>	U	11	0.84	<srl< td=""><td>U</td><td>11</td><td>1.03</td><td>0,50</td></srl<>	U	11	1.03	0,50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	11	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.67</td><td><srl< td=""><td>U</td><td>11</td><td>2.06</td><td>1.00</td></srl<></td></srl<>	U	1	1.67	<srl< td=""><td>U</td><td>11</td><td>2.06</td><td>1.00</td></srl<>	U	11	2.06	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>11</td><td>0.84</td><td><srl< td=""><td>U</td><td>11</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	11	0.84	<srl< td=""><td>U</td><td>11</td><td>1.03</td><td>0.50</td></srl<>	U	11	1.03	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
Heptane	<srl< td=""><td>U</td><td>11</td><td>0.84</td><td><srl< td=""><td>U</td><td>11</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	11	0.84	<srl< td=""><td>U</td><td>11</td><td>1.03</td><td>0.50</td></srl<>	U	11	1.03	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>11</td><td>0.84</td><td><srl< td=""><td>U</td><td>11</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	11	0.84	<srl< td=""><td>U</td><td>11</td><td>1.03</td><td>0.50</td></srl<>	U	11	1.03	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.67</td><td><srl< td=""><td>U</td><td>1</td><td>2.06</td><td>1.00</td></srl<></td></srl<>	U	1	1.67	<srl< td=""><td>U</td><td>1</td><td>2.06</td><td>1.00</td></srl<>	U	1	2.06	1.00
Dibromochloromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>. 1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>. 1</td><td>1.03</td><td>0.50</td></srl<>	U	. 1	1.03	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.67</td><td><srl< td=""><td>U</td><td>11</td><td>2.06</td><td>1.00</td></srl<></td></srl<>	U	1	1.67	<srl< td=""><td>U</td><td>11</td><td>2.06</td><td>1.00</td></srl<>	U	11	2.06	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>11</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>11</td><td>1.03</td><td>0.50</td></srl<>	U	11	1.03	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0,84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0,84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
4-Ethyltoluene	<srl< td=""><td>Ū</td><td>1</td><td>0.84</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.84	<srl< td=""><td>Ū</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	Ū	1	1.03	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
1.3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>i</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>i</td><td>1.03</td><td>0.50</td></srl<>	U	i	1.03	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>Ŭ</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	Ŭ	1	1.03	0.50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.84</td><td><srl< td=""><td>Ū</td><td>11</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0.84	<srl< td=""><td>Ū</td><td>11</td><td>1.03</td><td>0.50</td></srl<>	Ū	11	1.03	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>0,84</td><td><srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<></td></srl<>	U	1	0,84	<srl< td=""><td>U</td><td>1</td><td>1.03</td><td>0.50</td></srl<>	U	1	1.03	0.50
BFB-Surrogate Std. % Recovery		99%				100%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232354

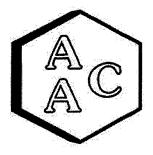
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 11/14/2023

DATE REPORTED: 11/16/2023

ANALYST: DL/CH

Client ID		MS-10		Sample MS-06			Sample Mathed		
AAC ID		232354-511				232354-511			
Date Sampled		11/13/202		Reporting	11/13/2023			Reporting	Reporting
Date Analyzed		11/14/202	3	Limit		11/14/202	3	Limit	Limit
Can Dilution Factor		1.91		(SRL)		1.64		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1,91</td><td><srl< td=""><td>U</td><td>1</td><td>1.64</td><td>1.00</td></srl<></td></srl<>	U	1	1,91	<srl< td=""><td>U</td><td>1</td><td>1.64</td><td>1.00</td></srl<>	U	1	1.64	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>11</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>U</td><td>11</td><td>0.82</td><td>0.50</td></srl<>	U	11	0.82	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>Ŭ</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	Ŭ	1	0.82	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>9.54</td><td><srl< td=""><td>U</td><td>11</td><td>8.22</td><td>5.00</td></srl<></td></srl<>	U	1	9.54	<srl< td=""><td>U</td><td>11</td><td>8.22</td><td>5.00</td></srl<>	U	11	8.22	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
Chloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.95</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.95	<srl< td=""><td>Ŭ</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	Ŭ	1	0.82	0.50
Dichlorofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0,50</td></srl<></td></srl<>	Ū	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0,50</td></srl<>	U	1	0.82	0,50
Ethanol	7.54		1	3.82	7.19	1	1	3.29	2.00
Vinyl Bromide	<srl< td=""><td>Ū</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
Acetone	12.4		1	3.82	8.96		1	3.29	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>3.82</td><td><srl< td=""><td>U</td><td>1</td><td>3.29</td><td>2,00</td></srl<></td></srl<>	U	1	3.82	<srl< td=""><td>U</td><td>1</td><td>3.29</td><td>2,00</td></srl<>	U	1	3.29	2,00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>Ŭ</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	Ŭ	1	0.82	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.91</td><td><srl< td=""><td>U</td><td>1</td><td>1.64</td><td>1.00</td></srl<></td></srl<>	U	1	1.91	<srl< td=""><td>U</td><td>1</td><td>1.64</td><td>1.00</td></srl<>	U	1	1.64	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.91</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.64</td><td>1.00</td></srl<></td></srl<>	U	1	1.91	<srl< td=""><td>Ū</td><td>1</td><td>1.64</td><td>1.00</td></srl<>	Ū	1	1.64	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>3.82</td><td><srl< td=""><td>U</td><td>1</td><td>3.29</td><td>2.00</td></srl<></td></srl<>	U	1	3.82	<srl< td=""><td>U</td><td>1</td><td>3.29</td><td>2.00</td></srl<>	U	1	3.29	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
1,1-Dichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
Vinyl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>1.91</td><td><srl< td=""><td>U</td><td>1</td><td>1.64</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.91	<srl< td=""><td>U</td><td>1</td><td>1.64</td><td>1.00</td></srl<>	U	1	1.64	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.91</td><td><srl< td=""><td>U</td><td>1</td><td>1.64</td><td>1.00</td></srl<></td></srl<>	U	1	1.91	<srl< td=""><td>U</td><td>1</td><td>1.64</td><td>1.00</td></srl<>	U	1	1.64	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
Hexane	<srl< td=""><td>Ü</td><td>/ 1</td><td>0.95</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	Ü	/ 1	0.95	<srl< td=""><td>Ü</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	Ü	1	0.82	0.50
Chloroform	<srl< td=""><td>Ū</td><td>1</td><td>0.95</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.95	<srl< td=""><td>Ū</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	Ū	1	0.82	0.50
Ethyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>0.95</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.95	<srl< td=""><td>Ü</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	Ü	1	0.82	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>Ū</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	Ū	1	0.82	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
Benzene	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>Ü</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	Ü	1	0.82	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232354

MATRIX : AIR UNITS : PPB (v/v) **DATE RECEIVED: 11/14/2023**

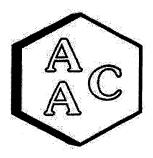
DATE REPORTED: 11/16/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-10		Sample	Sample MS-06			Sample	
AAC ID		232354-51192				232354-511			Method
Date Sampled		11/13/202		Reporting	11/13/2023			Reporting	Reporting
Date Analyzed		11/14/202	3	Limit		11/14/202	3	Limit	Limit
Can Dilution Factor		1.91		(SRL)		1,64		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>0.95</td><td><srl< td=""><td>U</td><td>11</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	11	0.95	<srl< td=""><td>U</td><td>11</td><td>0.82</td><td>0.50</td></srl<>	U	11	0.82	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>11</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>U</td><td>11</td><td>0.82</td><td>0.50</td></srl<>	U	11	0.82	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.91</td><td><srl< td=""><td>U</td><td>1</td><td>1.64</td><td>1.00</td></srl<></td></srl<>	U	1	1.91	<srl< td=""><td>U</td><td>1</td><td>1.64</td><td>1.00</td></srl<>	U	1	1.64	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
Toluene	<srl< td=""><td>Ū</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ū</td><td>1</td><td>1.91</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.64</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.91	<srl< td=""><td>Ŭ</td><td>1</td><td>1.64</td><td>1.00</td></srl<>	Ŭ	1	1.64	1.00
Dibromochloromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.95</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.95	<srl< td=""><td>Ü</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	Ü	1	0.82	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0,50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0,50</td></srl<>	U	1	0.82	0,50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
Ethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
m & p-Xylene	<srl< td=""><td>Ü</td><td>1</td><td>1.91</td><td><srl< td=""><td>U</td><td>1</td><td>1.64</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.91	<srl< td=""><td>U</td><td>1</td><td>1.64</td><td>1.00</td></srl<>	U	1	1.64	1.00
Bromoform	<srl< td=""><td>Ŭ</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
Styrene	<srl< td=""><td>Ū</td><td>1</td><td>0.95</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.95	<srl< td=""><td>Ŭ</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	Ŭ	1	0.82	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.95</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.95	<srl< td=""><td>Ū</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	Ū	1	0.82	0.50
o-Xvlene	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>Ū</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	Ū	1	0.82	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.82</td><td>0,50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>Ū</td><td>1</td><td>0.82</td><td>0,50</td></srl<>	Ū	1	0.82	0,50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.95</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.95	<srl< td=""><td>Ü</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	Ü	1	0.82	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	U	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.95</td><td><srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.95	<srl< td=""><td>U</td><td>1</td><td>0.82</td><td>0.50</td></srl<>	U	1	0.82	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>0.95</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.82</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.95	<srl< td=""><td>Ü</td><td>1</td><td>0.82</td><td>0,50</td></srl<>	Ü	1	0.82	0,50
BFB-Surrogate Std. % Recovery		98%				100%			70-130%
II - Compound was not detected at or above	d CDY		<u> </u>						





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232354

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 11/14/2023

DATE REPORTED: 11/16/2023

ANALYST: DL/CH

Client ID		MS-11		Sample	
AAC ID					Method
Date Sampled		11/13/202	Reporting	Reporting	
Date Analyzed		11/14/202	3	Limit	Limit
Can Dilution Factor		2.47		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>Ŭ</td><td>11</td><td>1.23</td><td>0.50</td></srl<>	Ŭ	11	1.23	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>2,47</td><td>1.00</td></srl<>	U	1	2,47	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	U	1	1.23	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	U	1	1.23	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	U	1	1.23	0.50
Vinyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	Ü	1	1.23	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>12.3</td><td>5.00</td></srl<>	U	1	12.3	5.00
1,3-Butadiene	<srl< td=""><td>Ū</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	Ū	1	1.23	0.50
Bromomethane	<srl< td=""><td>Ū</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	Ū	1	1.23	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1,23</td><td>0.50</td></srl<>	U	1	1,23	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	U	1	1.23	0.50
Ethanol	10,00		1	4.94	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	U	1	1.23	0.50
Acetone	7.85		1	4.94	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	U	1	1.23	0.50
2-Propanol (IPA)	<srl< td=""><td>Ü</td><td>1</td><td>4.94</td><td>2.00</td></srl<>	Ü	1	4.94	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	U	1	1.23	0.50
1.1-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	Ū	1	1.23	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ü</td><td>1</td><td>2.47</td><td>1.00</td></srl<>	Ü	1	2.47	1.00
Allyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>2.47</td><td>1.00</td></srl<>	Ü	1	2.47	1.00
Carbon Disulfide	<srl< td=""><td>Ŭ</td><td>î</td><td>4.94</td><td>2.00</td></srl<>	Ŭ	î	4.94	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ü</td><td>i</td><td>1.23</td><td>0.50</td></srl<>	Ü	i	1.23	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	Ü	1	1.23	0.50
1,1-Dichloroethane	<srl< td=""><td>Ü</td><td>i</td><td>1.23</td><td>0.50</td></srl<>	Ü	i	1.23	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ü</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	Ü	1	1.23	0.50
Vinyl Acetate	<srl< td=""><td>Ŭ</td><td>1</td><td>2.47</td><td>1.00</td></srl<>	Ŭ	1	2.47	1.00
2-Butanone (MEK)	<srl< td=""><td>Ŭ</td><td>1</td><td>2.47</td><td>1.00</td></srl<>	Ŭ	1	2.47	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	Ü	1	1.23	0.50
Hexane	<srl< td=""><td>Ü</td><td>i</td><td>1.23</td><td>0.50</td></srl<>	Ü	i	1.23	0.50
Chloroform	<srl< td=""><td>Ŭ</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	Ŭ	1	1.23	0.50
Ethyl Acetate	<srl< td=""><td>Ŭ</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	Ŭ	1	1.23	0.50
Tetrahydrofuran	<srl< td=""><td>Ŭ</td><td>i</td><td>1.23</td><td>0.50</td></srl<>	Ŭ	i	1.23	0.50
1.2-Dichloroethane	<srl< td=""><td>Ŭ</td><td>i</td><td>1.23</td><td>0.50</td></srl<>	Ŭ	i	1.23	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	Ŭ	1	1.23	0.50
Benzene	<srl< td=""><td>Ü</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	Ü	1	1.23	0.50
Donzono	-514		*		



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232354

MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 11/14/2023

DATE REPORTED: 11/16/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-11			Sample	
AAC ID		232354-51194			Method
Date Sampled		11/13/2023			Reporting
Date Analyzed		11/14/202	3	Limit	Limit
Can Dilution Factor		2.47		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	` ′
Carbon Tetrachloride	<srl< td=""><td>U</td><td>11</td><td>1.23</td><td>0.50</td></srl<>	U	11	1.23	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	U	1	1.23	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	U	1	1.23	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>1.23</td><td>0.50</td></srl<>	U	11	1.23	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>11</td><td>2.47</td><td>1.00</td></srl<>	U	11	2.47	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	U	1	1.23	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	U	1	1.23	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	U	1	1.23	0.50
cis-1.3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.23</td><td>0,50</td></srl<>	U	1	1.23	0,50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	U	1	1.23	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	U	1	1.23	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	U	1	1.23	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	U	1	1.23	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ü</td><td>1</td><td>2.47</td><td>1.00</td></srl<>	Ü	1	2.47	1.00
Dibromochloromethane	<srl< td=""><td>Ü</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	Ü	1	1.23	0.50
1.2-Dibromoethane	<srl< td=""><td>Ü</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	Ü	1	1.23	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	U	1	1.23	0.50
Chlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	Ū	1	1.23	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	U	1	1.23	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>2.47</td><td>1.00</td></srl<>	U	1	2.47	1.00
Bromoform	<srl< td=""><td>Ū</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	Ū	1	1.23	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	U	1	1.23	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	U	1	1.23	0.50
o-Xvlene	<srl< td=""><td>Ü</td><td>1</td><td>1.23</td><td>0,50</td></srl<>	Ü	1	1.23	0,50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	U	1	1.23	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	U	1	1.23	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	U	1	1.23	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	Ü	1	1.23	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	Ü	1	1.23	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	Ü	1	1.23	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	Ü	1	1.23	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>1.23</td><td>0.50</td></srl<>	Ü	i	1.23	0.50
Hexachlorobutadiene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.23</td><td>0.50</td></srl<>	Ŭ	1	1.23	0.50
BFB-Surrogate Std. % Recovery	1 500	100%	<u> </u>		70-130%
II. Compound was not detected at an above	d CDI	10074			



Environmental Inc. 865 Via Lata • Colton, California 92324 (909) 422-1001 Fax (909) 422-0707	Relinquished by: (Signature) Sample Disposal Method:	Relinquished by: (Signature) Relinquished by: (Signature)	M5-11 11-13/14-23 0802-0842 51	MS-10 11-13/14-23 0742-0818 51197		M5-07 11-13/14-23 0658-0705 51189	Time	Sampler: (Print) (Signature) Alberto Lopet Mul	Project No. Field Lo	Chiquita Canyon Landfill Air/odor Sampling	
Analytical Laboratory APA C Vent	Date Time Received for Laboratory: (Signature) Disposed of by: (Signature)	Date Time Received by: (Signature)	5	51192 OL Summa Canisha XX	o GL Summa (GL Summa Canister	Lab Sample Type of Number Sample	No. Of Conta	Field Logbook No.	Project Location Valencia, CA	CHAIN OF CUSTODY RECORD
Ventora	Signature) Date Time U(14)23 U(0) Time	Date Time		20561/128100	001770 / 17588	978.00 HH+100	Canister Remarks Controller	iners 50 Kg	13/3/	ANALYSES	



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon Landfill Air/Odor Sampling

AAC PROJECT NO.

: 232354

REPORT DATE

: 11/17/2023

On November 14th 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) Six-Liter Summa Canisters for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the sample was assigned a unique Laboratory ID number as follows:

Client ID	Lab No.	Return Pressure (mmHg)
MS-07	232354-51188	506.4
MS-12	232354-51189	525.3
MS-08	232354-51190	614.5
MS-09	232354-51191	500.1
MS-10	232354-51192	544.8
MS-06	232354-51193	625.9
MS-11	232354-51194	417.2

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of this sample. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar/Ph.

Technical Director

This report consists of 5 pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO. : 232354

MATRIX : AIR UNITS : ppmv **SAMPLING DATE:** 11/13-14/2023

RECEIVING DATE: 11/14/2023 ANALYSIS DATE: 11/16/2023

REPORT DATE: 11/17/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-09
AAC ID	232354-51188	232354-51189	232354-51190	232354-51191
Canister Dil. Fac.	2.0	2.0	1.7	2.1
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.020	< 0.020	< 0.017	< 0.021
COS / SO2	< 0.020	< 0.020	< 0.017	< 0.021
Methyl Mercaptan	< 0.020	< 0.020	< 0.017	< 0.021
Ethyl Mercaptan	< 0.020	< 0.020	< 0.017	< 0.021
Dimethyl Sulfide	< 0.020	< 0.020	< 0.017	< 0.021
Carbon Disulfide	< 0.020	< 0.020	< 0.017	< 0.021
Isopropyl Mercaptan	< 0.020	< 0.020	< 0.017	< 0.021
tert-Butyl Mercaptan	< 0.020	< 0.020	< 0.017	< 0.021
n-Propyl Mercaptan	< 0.020	< 0.020	< 0.017	< 0.021
Methylethylsulfide	< 0.020	< 0.020	< 0.017	< 0.021
sec-Butyl Mercaptan / Thiophene	< 0.020	< 0.020	< 0.017	< 0.021
iso-Butyl Mercaptan	< 0.020	< 0.020	< 0.017	< 0.021
Diethyl Sulfide	< 0.020	< 0.020	< 0.017	< 0.021
n-Butyl Mercaptan	< 0.020	< 0.020	< 0.017	< 0.021
Dimethyl Disulfide	< 0.020	< 0.020	< 0.017	< 0.021
2-Methylthiophene	< 0.020	< 0.020	< 0.017	< 0.021
3-Methylthiophene	< 0.020	< 0.020	< 0.017	< 0.021
Tetrahydrothiophene	< 0.020	< 0.020	< 0.017	< 0.021
Bromothiophene	< 0.020	< 0.020	< 0.017	< 0.021
Thiophenol	< 0.020	< 0.020	< 0.017	< 0.021
Diethyl Disulfide	< 0.020	< 0.020	< 0.017	< 0.021
Total Unidentified Sulfur	0.320	< 0.020	< 0.017	< 0.021
Total Reduced Sulfurs	0.320	< 0.020	< 0.017	< 0.021

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232354

MATRIX : AIR

UNITS: ppmv

SAMPLING DATE: 11/13-14/2023

RECEIVING DATE: 11/14/2023

ANALYSIS DATE: 11/16/2023 REPORT DATE: 11/17/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-06	MS-11
AAC ID	232354-51192	232354-51193	232354-51194
Canister Dil. Fac.	1.9	1.6	2.5
Analyte	Result	Result	Result
Hydrogen Sulfide	< 0.019	< 0.016	< 0.025
COS / SO2	< 0.019	< 0.016	< 0.025
Methyl Mercaptan	< 0.019	< 0.016	< 0.025
Ethyl Mercaptan	< 0.019	< 0.016	< 0.025
Dimethyl Sulfide	< 0.019	< 0.016	< 0.025
Carbon Disulfide	< 0.019	< 0.016	< 0.025
Isopropyl Mercaptan	< 0.019	< 0.016	< 0.025
tert-Butyl Mercaptan	< 0.019	< 0.016	< 0.025
n-Propyl Mercaptan	< 0.019	< 0.016	< 0.025
Methylethylsulfide	< 0.019	< 0.016	< 0.025
sec-Butyl Mercaptan / Thiophene	< 0.019	< 0.016	< 0.025
iso-Butyl Mercaptan	< 0.019	< 0.016	< 0.025
Diethyl Sulfide	< 0.019	< 0.016	< 0.025
n-Butyl Mercaptan	< 0.019	< 0.016	< 0.025
Dimethyl Disulfide	< 0.019	< 0.016	< 0.025
2-Methylthiophene	< 0.019	< 0.016	< 0.025
3-Methylthiophene	< 0.019	< 0.016	< 0.025
Tetrahydrothiophene	< 0.019	< 0.016	< 0.025
Bromothiophene	< 0.019	< 0.016	< 0.025
Thiophenol	< 0.019	< 0.016	< 0.025
Diethyl Disulfide	< 0.019	< 0.016	< 0.025
Total Unidentified Sulfur	< 0.019	< 0.016	< 0.025
Total Reduced Sulfurs	< 0.019	< 0.016	< 0.025

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 11/16/2023

Analyst: KM Units: ppbV Instrument ID: SCD#10 Calb. Date: : 07/11/2022

Opening Calibration Verification Standard

499.8 ppbV H2S (SS1289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1889	512	102.5	2.0
Duplicate	1822	494	98.9	1.6
Triplicate	1845	501	100.2	0.4

547.5 ppbV H2S (SS1289)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2410	559	102.1	0.7
Duplicate	2333	541	98.8	2.5
Triplicate	.2435	565	103.1	1.8

479.0 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2651	501	104.6	0.1
Duplicate	2644	500	104.4	0.2
Triplicate	2653	502	104.7	0.1

Method Blank

Analyte	Result
H ₂ S	<pql< td=""></pql<>
MeSH	<pql< td=""></pql<>
DMS	<pql< td=""></pql<>

Duplicate Analysis	<u> </u>		Sample ID	231187-45761
Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0

Matrix Spike & Duplicate Sample ID 231438-46986 x2

Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
Allaryte	Conc.	Added	Result	Result	% Rec **	% Rec **	/ / / / /
H ₂ S	<pql< td=""><td>249.9</td><td>234.3</td><td>247.8</td><td>93.8</td><td>99.2</td><td>5.6</td></pql<>	249.9	234.3	247.8	93.8	99.2	5.6
MeSH	<pql< td=""><td>273.8</td><td>277.6</td><td>253.5</td><td>101.4</td><td>92.6</td><td>9.1</td></pql<>	273.8	277.6	253.5	101.4	92.6	9.1
DMS	<pql< td=""><td>239.5</td><td>254.6</td><td>249,9</td><td>106,3</td><td>104.3</td><td>1.9</td></pql<>	239.5	254.6	249,9	106,3	104.3	1.9

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	499.8	506.1	101.3
MeSH	547.5	562.6	102.8
DMS	479.0	512.1	106.9

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD fro. ssAS

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbVDMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV

(し) () (

Client/Project Name SCS	-	Engineers / Engineers / Air/olar Semolin	Proje	Jalencia,	ct Location Valencia, CA			AN	ANALYSES		
			Field Logbook No.		-		Ex	\$35X			
Sampler: (Print) Alberto	topez		(Signature)		No. Of	Contain 7	81 501 FOIL	F011			
Sample No./ Identification	Date	Time	Lab Sample Number		Type of Sample		3° ×		Conster		Remarks
M5-07 1	11-13/14-23	0658-0705	51188	61-5	62 Summa Counster	∇	X		HH-1100		19512
M5-12 11	11-13/14-13	0.706-0723	21189	61 Summa	imma Canister	No.	X		001846	1	19506
M5-08 1	11-13/14-73	C712-0733	51190	GL Summa		Carrista	X		001835		19509
MS-09 11	11-13/14-23	7440-0447	51191	OL Summa	r	A Trick	X		001770		28541
1 01-5W	11-13/14-23	b340-8240	51192	OL Summa		Camisko X	X		128100		19510
M5-06 1	11-13/14-23	0742-0818	51193	61 5	Symma Caniston	nisky X	X		001821	/	80561
M5-11 11	11-13/14-23	0802-0842	51194	61 S	SUMMAR COM	Camister	X		001757	7	19595
Relinquished by: (Signature)	nature)	J. J.		Date 11-1-1-23	Time F	Received by: (Signature)	(Signature)			Date	iii e
Relinquished by: (Signature)	nature)			Date	II me	Received by: (Signature)	(Signature)			Date	Time
Relinquished by: (Signature)	nature)			Date	Time R	eceived for L	Received for Laboratory: (Signature)	gnature)	TESS NEGOTIAN SERVICES	Date	Time (60]
Sample Disposal Method:				Disposed of by: (Signature)	y: (Signature)	Concessed 4				Date	Time
Sample Collector		*		Analytical Laboratory	oratory						
	Environ 865 Via Lata • C (909) 422-100	nental I on, California o ax (909) 422-		72	2 44 0	, , , , , , , , , , , , , , , , , , ,	ventura	7.4.C			



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon Landfill Air/Odor Sampling

AAC PROJECT NO.

: 232423

REPORT DATE

: 11/22/2023

On November 21, 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Return Pressure (mmHga)
MS-07	232423-51550	405.0
MS-12	232423-51551	494.0
MS-08	232423-51552	742.0
MS-09	232423-51553	421.0
MS-10	232423-51554	385.0
MS-06	232423-51555	297.5
MS-11	232423-51556	373.5

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

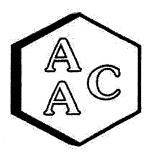
I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

chnical Director

This report consists of 14 pages.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232354 MATRIX: AIR

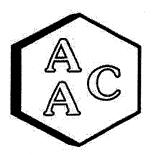
UNITS: PPB (v/v)

DATE RECEIVED: 11/21/2023

DATE REPORTED: 11/22/2023

ANALYST: DL/CH

Client ID	1	MS-07		Sample		MS-12		Sample	
AAC ID		232354-515	550			232354-515			Method
Date Sampled		11/20/202	3	Reporting	-	11/20/202		Reporting	Reporting
Date Analyzed		11/21/202	3	Limit		11/21/202	3	Limit	Limit
Can Dilution Factor		2.54		SRL)		2,09	,	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>2.54</td><td><srl< td=""><td>U</td><td>11</td><td>2.09</td><td>1.00</td></srl<></td></srl<>	U	1	2.54	<srl< td=""><td>U</td><td>11</td><td>2.09</td><td>1.00</td></srl<>	U	11	2.09	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>11</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>11</td><td>1.04</td><td>0.50</td></srl<>	U	11	1.04	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>11</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>11</td><td>1.04</td><td>0.50</td></srl<>	U	11	1.04	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>11</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>11</td><td>1.04</td><td>0.50</td></srl<>	U	11	1.04	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>12.7</td><td><srl< td=""><td>U</td><td>11</td><td>10.4</td><td>5.00</td></srl<></td></srl<>	U	1	12.7	<srl< td=""><td>U</td><td>11</td><td>10.4</td><td>5.00</td></srl<>	U	11	10.4	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>11</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>11</td><td>1.04</td><td>0.50</td></srl<>	U	11	1.04	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>11</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>11</td><td>1.04</td><td>0.50</td></srl<>	U	11	1.04	0.50
Chloroethane	<srl< td=""><td>U</td><td>11</td><td>1.27</td><td><srl< td=""><td>U</td><td>11</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	11	1.27	<srl< td=""><td>U</td><td>11</td><td>1.04</td><td>0.50</td></srl<>	U	11	1.04	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1 '</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1 '</td><td>1.04</td><td>0.50</td></srl<>	U	1 '	1.04	0.50
Ethanol	<srl< td=""><td>U</td><td>1</td><td>5.08</td><td><srl< td=""><td>U</td><td>1</td><td>4.17</td><td>2.00</td></srl<></td></srl<>	U	1	5.08	<srl< td=""><td>U</td><td>1</td><td>4.17</td><td>2.00</td></srl<>	U	1	4.17	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
Acetone	<srl< td=""><td>U</td><td>1</td><td>5.08</td><td><srl< td=""><td>U</td><td>1</td><td>4.17</td><td>2.00</td></srl<></td></srl<>	U	1	5.08	<srl< td=""><td>U</td><td>1</td><td>4.17</td><td>2.00</td></srl<>	U	1	4.17	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>5.08</td><td><srl< td=""><td>U</td><td>1</td><td>4.17</td><td>2.00</td></srl<></td></srl<>	U	1	5.08	<srl< td=""><td>U</td><td>1</td><td>4.17</td><td>2.00</td></srl<>	U	1	4.17	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0,50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0,50</td></srl<>	U	1	1.04	0,50
1,1-Dichloroethene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>2.54</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>2,09</td><td>1.00</td></srl<></td></srl<>	U	1	2.54	<srl< td=""><td>Ŭ</td><td>1</td><td>2,09</td><td>1.00</td></srl<>	Ŭ	1	2,09	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>2.54</td><td><srl< td=""><td>U</td><td>1</td><td>2.09</td><td>1,00</td></srl<></td></srl<>	U	1	2.54	<srl< td=""><td>U</td><td>1</td><td>2.09</td><td>1,00</td></srl<>	U	1	2.09	1,00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>5.08</td><td><srl< td=""><td>U</td><td>1</td><td>4.17</td><td>2.00</td></srl<></td></srl<>	U	1	5.08	<srl< td=""><td>U</td><td>1</td><td>4.17</td><td>2.00</td></srl<>	U	1	4.17	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ŭ</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
Vinyl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>2.54</td><td><srl< td=""><td>U</td><td>1 .</td><td>2.09</td><td>1.00</td></srl<></td></srl<>	Ū	1	2.54	<srl< td=""><td>U</td><td>1 .</td><td>2.09</td><td>1.00</td></srl<>	U	1 .	2.09	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>2.54</td><td><srl< td=""><td>U</td><td>1</td><td>2.09</td><td>1,00</td></srl<></td></srl<>	U	1	2.54	<srl< td=""><td>U</td><td>1</td><td>2.09</td><td>1,00</td></srl<>	U	1	2.09	1,00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1,04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1,04</td><td>0.50</td></srl<>	U	1	1,04	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.04</td><td>0,50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>Ŭ</td><td>1</td><td>1.04</td><td>0,50</td></srl<>	Ŭ	1	1.04	0,50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
1,2-Dichloroethane	<srl< td=""><td>Ú</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	Ú	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ú</td><td>1</td><td>1.27</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	Ú	1	1.27	<srl< td=""><td>Ū</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	Ū	1	1.04	0.50
Benzene	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>Ŭ</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	Ŭ	1	1.04	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232354

MATRIX : AIR UNITS: PPB (v/v)

DATE RECEIVED: 11/21/2023

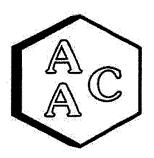
DATE REPORTED: 11/22/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-07		Sample		MS-12		Sample	
AAC ID		232354-515				232354-515			Method
Date Sampled		11/20/202		Reporting		11/20/202		Reporting	Reporting
Date Analyzed		11/21/202	3	Limit		11/21/202	3	Limit	Limit
Can Dilution Factor		2.54		SRL)		2.09		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MKL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.54</td><td><srl< td=""><td>U</td><td>1</td><td>2.09</td><td>1.00</td></srl<></td></srl<>	U	1	2.54	<srl< td=""><td>U</td><td>1</td><td>2.09</td><td>1.00</td></srl<>	U	1	2.09	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>1,27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1,27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>Ŭ</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	Ŭ	1	1.04	0.50
Heptane	<srl< td=""><td>Ū</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0,50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0,50</td></srl<>	U	1	1.04	0,50
trans-1,3-Dichloropropene	<srl:< td=""><td>Ü</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl:<>	Ü	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>Ū</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	Ū	1	1.04	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>Ū</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	Ū	1	1.04	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.54</td><td><srl< td=""><td>U</td><td>1</td><td>2.09</td><td>1.00</td></srl<></td></srl<>	U	1	2.54	<srl< td=""><td>U</td><td>1</td><td>2.09</td><td>1.00</td></srl<>	U	1	2.09	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0,50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0,50</td></srl<>	U	1	1.04	0,50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>Ū</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	Ū	1	1.04	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>11</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0,50</td></srl<></td></srl<>	U	11	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0,50</td></srl<>	U	1	1.04	0,50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.04</td><td>0,50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>Ū</td><td>1</td><td>1.04</td><td>0,50</td></srl<>	Ū	1	1.04	0,50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>2.54</td><td><srl< td=""><td>U</td><td>1</td><td>2.09</td><td>1.00</td></srl<></td></srl<>	U	1	2.54	<srl< td=""><td>U</td><td>1</td><td>2.09</td><td>1.00</td></srl<>	U	1	2.09	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
o-Xylene	<srl< td=""><td>Ū</td><td>1</td><td>1.27</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.27	<srl< td=""><td>Ū</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	Ū	1	1.04	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.27</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.27	<srl< td=""><td>Ū</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	Ū	1	1.04	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>1.27</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.27	<srl< td=""><td>Ü</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	Ü	1	1.04	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.27</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.27	<srl< td=""><td>Ü</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	Ü	1	1.04	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>1.04</td><td>0.50</td></srl<>	U	1	1.04	0.50
BFB-Surrogate Std. % Recovery		101%				100%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232354 MATRIX: AIR

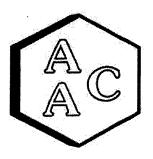
UNITS: PPB (v/v)

DATE RECEIVED: 11/21/2023

DATE REPORTED: 11/22/2023

ANALYST: DL/CH

Client ID		MS-08		Sample		MS-09		Sample	
AAC ID		232354-515				232354-515			Method
Date Sampled		11/20/202		Reporting		11/20/202		Reporting	Reporting
Date Analyzed		11/21/202	3	Limit		11/21/202	3	Limit	Limit
Can Dilution Factor		1.38	· · · · · · · · · · · · · · · · · · ·	(SRL)		2.48		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	` ′
Chlorodifluoromethane	<srl< td=""><td>, U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>11</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	, U	1	0.69	<srl< td=""><td>U</td><td>11</td><td>1.24</td><td>0.50</td></srl<>	U	11	1.24	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.38</td><td><srl< td=""><td>U</td><td>1</td><td>2.48</td><td>1.00</td></srl<></td></srl<>	U	1	1.38	<srl< td=""><td>U</td><td>1</td><td>2.48</td><td>1.00</td></srl<>	U	1	2.48	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50
Vinyl Chloride	<srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.69	<srl< td=""><td>Ū</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	Ū	1	1.24	0.50
Methanol	<srl< td=""><td>Ü</td><td>1</td><td>6.90</td><td><srl< td=""><td>U</td><td>1</td><td>12.4</td><td>5.00</td></srl<></td></srl<>	Ü	1	6.90	<srl< td=""><td>U</td><td>1</td><td>12.4</td><td>5.00</td></srl<>	U	1	12.4	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50
Ethanol	<srl< td=""><td>U</td><td>1</td><td>2.76</td><td>6.38</td><td></td><td>1</td><td>4.96</td><td>2.00</td></srl<>	U	1	2.76	6.38		1	4.96	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>i</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	i	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50
Acetone	<srl< td=""><td>U</td><td>1</td><td>2.76</td><td><srl< td=""><td>U</td><td>1</td><td>4.96</td><td>2,00</td></srl<></td></srl<>	U	1	2.76	<srl< td=""><td>U</td><td>1</td><td>4.96</td><td>2,00</td></srl<>	U	1	4.96	2,00
Trichlorofluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50
2-Propanol (IPA)	<srl< td=""><td>Ū</td><td>1</td><td>2.76</td><td><srl< td=""><td>U</td><td>1</td><td>4.96</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.76	<srl< td=""><td>U</td><td>1</td><td>4.96</td><td>2.00</td></srl<>	U	1	4.96	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ü</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	Ü	1	1.24	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1,24</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1,24</td><td>0.50</td></srl<>	U	1	1,24	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.38</td><td><srl< td=""><td>U</td><td>1</td><td>2.48</td><td>1.00</td></srl<></td></srl<>	U	1	1.38	<srl< td=""><td>U</td><td>1</td><td>2.48</td><td>1.00</td></srl<>	U	1	2.48	1.00
Allyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>1.38</td><td><srl< td=""><td>Ü</td><td>1</td><td>2,48</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.38	<srl< td=""><td>Ü</td><td>1</td><td>2,48</td><td>1.00</td></srl<>	Ü	1	2,48	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.76</td><td><srl< td=""><td>Ü</td><td>1</td><td>4.96</td><td>2.00</td></srl<></td></srl<>	U	1	2.76	<srl< td=""><td>Ü</td><td>1</td><td>4.96</td><td>2.00</td></srl<>	Ü	1	4.96	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>i</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	i	0.69	<srl< td=""><td>Ü</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	Ü	1	1.24	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50
1.1-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>II.</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	II.	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50
Vinvl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>1.38</td><td><srl< td=""><td>U</td><td>1</td><td>2.48</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.38	<srl< td=""><td>U</td><td>1</td><td>2.48</td><td>1.00</td></srl<>	U	1	2.48	1.00
2-Butanone (MEK)	<srl< td=""><td>Ü</td><td>i</td><td>1.38</td><td><srl< td=""><td>Ü</td><td>i</td><td>2.48</td><td>1.00</td></srl<></td></srl<>	Ü	i	1.38	<srl< td=""><td>Ü</td><td>i</td><td>2.48</td><td>1.00</td></srl<>	Ü	i	2.48	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50
Hexane	<srl< td=""><td>Ü</td><td>i</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50
Chloroform	<srl< td=""><td>Ū</td><td>i</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.69	<srl< td=""><td>Ü</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	Ü	1	1.24	0.50
Ethyl Acetate	<srl< td=""><td>Ü</td><td>i</td><td>0.69</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.69	<srl< td=""><td>Ŭ</td><td>i</td><td>1.24</td><td>0.50</td></srl<>	Ŭ	i	1.24	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>i</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.69	<srl< td=""><td>Ü</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	Ü	1	1.24	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.69	<srl< td=""><td>Ü</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	Ü	1	1.24	0.50
1.1.1-Trichloroethane	SRL SRL	Ū	i	0.69	<srl< td=""><td>Ŭ</td><td>i i</td><td>1.24</td><td>0.50</td></srl<>	Ŭ	i i	1.24	0.50
Benzene	SRL	i ii	1	0.69	<srl< td=""><td>Ü</td><td>i</td><td>1.24</td><td>0.50</td></srl<>	Ü	i	1.24	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232354 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 11/21/2023

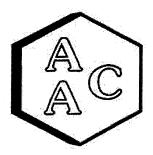
DATE REPORTED: 11/22/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-08		Sample	e MS-09		Sample Method			
AAC ID		232354-51552		Reporting	232354-51553 11/20/2023			Reporting		
Date Sampled		11/20/2023 11/21/2023		Limit	11/20/2025		11/20/2023		Limit	Reporting
Date Analyzed		1.38	<u> </u>	J L		2.48	<u> </u>	(SRL)	Limit	
Can Dilution Factor	_			(SRL)			r		(MRL)	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)		
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50	
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	11	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50	
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	11	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50	
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50	
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.38</td><td><srl_< td=""><td>U</td><td>1</td><td>2.48</td><td>1.00</td></srl_<></td></srl<>	U	1	1.38	<srl_< td=""><td>U</td><td>1</td><td>2.48</td><td>1.00</td></srl_<>	U	1	2.48	1.00	
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>· U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>· U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	· U	1	1.24	0.50	
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50	
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>11</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>11</td><td>1.24</td><td>0.50</td></srl<>	U	11	1.24	0.50	
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50	
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50	
trans-1,3-Dichloropropene	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50	
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50	
Toluene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50	
2-Hexanone (MBK)	<srl< td=""><td>Ŭ</td><td>1</td><td>1.38</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.48</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	1.38	<srl< td=""><td>Ū</td><td>1</td><td>2.48</td><td>1.00</td></srl<>	Ū	1	2.48	1.00	
Dibromochloromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50	
1,2-Dibromoethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50	
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50	
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50	
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50	
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.38</td><td><srl< td=""><td>U</td><td>1</td><td>2.48</td><td>1.00</td></srl<></td></srl<>	U	1	1.38	<srl< td=""><td>U</td><td>1</td><td>2.48</td><td>1.00</td></srl<>	U	1	2.48	1.00	
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ū</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	Ū	1	1.24	0.50	
Styrene	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.69	<srl< td=""><td>Ü</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	Ü	1	1.24	0.50	
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>i</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	i	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50	
o-Xvlene	<srl< td=""><td>U</td><td>i</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	U	i	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50	
4-Ethyltoluene	<srl< td=""><td>· U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	· U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	U	1	1.24	0.50	
1.3.5-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.69	<srl< td=""><td>Ü</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	Ü	1	1.24	0.50	
1.2.4-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>l i</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	Ŭ	l i	0.69	<srl< td=""><td>Ü</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	Ü	1	1.24	0.50	
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.69	<srl< td=""><td>Ü</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	Ü	1	1.24	0.50	
1,3-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.69	<srl< td=""><td>Ü</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	Ü	1	1.24	0.50	
1,4-Dichlorobenzene	<srl< td=""><td>Ū</td><td>i i</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>i</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	Ū	i i	0.69	<srl< td=""><td>Ü</td><td>i</td><td>1.24</td><td>0.50</td></srl<>	Ü	i	1.24	0.50	
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.69	<srl< td=""><td>Ü</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	Ü	1	1.24	0.50	
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.24</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.69	<srl< td=""><td>Ü</td><td>1</td><td>1.24</td><td>0.50</td></srl<>	Ü	1	1.24	0.50	
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>i</td><td>0.69</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1,24</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.69	<srl< td=""><td>Ŭ</td><td>1</td><td>1,24</td><td>0.50</td></srl<>	Ŭ	1	1,24	0.50	
BFB-Surrogate Std. % Recovery	1	100%		3.32		101%			70-130%	





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232354 MATRIX: AIR

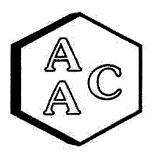
UNITS: PPB (v/v)

DATE RECEIVED: 11/21/2023

DATE REPORTED: 11/22/2023

ANALYST: DL/CH

Client ID		MS-10		CI-		MS-06		Commis	
AAC ID		232354-515	554	Sample		232354-515	555	Sample	Method
Date Sampled		11/20/2023		Reporting	11/20/2023		Reporting	Reporting	
Date Analyzed		11/21/202	3	Limit		11/21/202	3	Limit	Limit
Can Dilution Factor		2.71		(SRL)		3.48		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	_ `
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1 1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1 1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
Propene	<srl< td=""><td>Ŭ</td><td>1</td><td>2.71</td><td><srl< td=""><td>U</td><td>1</td><td>3.48</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	2.71	<srl< td=""><td>U</td><td>1</td><td>3.48</td><td>1.00</td></srl<>	U	1	3.48	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
Chloromethane	6.50		1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0,50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0,50</td></srl<>	U	1	1.74	0,50
Vinyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>13.5</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>17.4</td><td>5.00</td></srl<></td></srl<>	U	1	13.5	<srl< td=""><td>Ŭ</td><td>1</td><td>17.4</td><td>5.00</td></srl<>	Ŭ	1	17.4	5.00
1,3-Butadiene	<srl< td=""><td>Ū</td><td>1</td><td>1.35</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.35	<srl< td=""><td>Ū</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	Ū	1	1.74	0.50
Bromomethane	<srl< td=""><td>Ū</td><td>1</td><td>1.35</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.35	<srl< td=""><td>Ü</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	Ü	1	1.74	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
Ethanol	<srl< td=""><td>U</td><td>1</td><td>5.42</td><td><srl< td=""><td>Ü</td><td>1</td><td>6.96</td><td>2.00</td></srl<></td></srl<>	U	1	5.42	<srl< td=""><td>Ü</td><td>1</td><td>6.96</td><td>2.00</td></srl<>	Ü	1	6.96	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
Acetone	6.50		1	5.42	<srl< td=""><td>Ŭ.</td><td>1</td><td>6.96</td><td>2.00</td></srl<>	Ŭ.	1	6.96	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>Ŭ</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	Ŭ	1	1.74	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>5.42</td><td><srl< td=""><td>U</td><td>1</td><td>6.96</td><td>2.00</td></srl<></td></srl<>	U	1	5.42	<srl< td=""><td>U</td><td>1</td><td>6.96</td><td>2.00</td></srl<>	U	1	6.96	2.00
Acrylonitrile	<srl< td=""><td>Ū</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td><srl< td=""><td>U</td><td>1</td><td>3.48</td><td>1.00</td></srl<></td></srl<>	U	1	2.71	<srl< td=""><td>U</td><td>1</td><td>3.48</td><td>1.00</td></srl<>	U	1	3.48	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>ĺ</td><td>2,71</td><td><srl< td=""><td>U</td><td>1</td><td>3.48</td><td>1.00</td></srl<></td></srl<>	U	ĺ	2,71	<srl< td=""><td>U</td><td>1</td><td>3.48</td><td>1.00</td></srl<>	U	1	3.48	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>5.42</td><td><srl< td=""><td>U</td><td>1</td><td>6.96</td><td>2.00</td></srl<></td></srl<>	U	1	5.42	<srl< td=""><td>U</td><td>1</td><td>6.96</td><td>2.00</td></srl<>	U	1	6.96	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>1,35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1,35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>11</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	11	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td><srl< td=""><td>U</td><td>1</td><td>3.48</td><td>1.00</td></srl<></td></srl<>	U	1	2.71	<srl< td=""><td>U</td><td>1</td><td>3.48</td><td>1.00</td></srl<>	U	1	3.48	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td><srl< td=""><td>U</td><td>1</td><td>3.48</td><td>1.00</td></srl<></td></srl<>	U	1	2.71	<srl< td=""><td>U</td><td>1</td><td>3.48</td><td>1.00</td></srl<>	U	1	3.48	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>1:35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1:35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>Ū</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	Ū	1	1.74	0.50
Benzene	1.71		1	1.35	<srl< td=""><td>Ū</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	Ū	1	1.74	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232354 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 11/21/2023

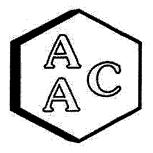
DATE REPORTED: 11/22/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-10		Sample		MS-06		Sample	N/-423	
AAC ID	232334-31334			Reporting	232354-51555			Reporting	Method
Date Sampled		11/20/2023			11/20/2020			Limit	Reporting
Date Analyzed		11/21/202	3			11/21/202	3	(SRL)	Limit
Can Dilution Factor		2.71		(SRL)		3.48	r		(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>11</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>11</td><td>1.74</td><td>0.50</td></srl<>	U	11	1.74	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>11</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>11</td><td>1.74</td><td>0.50</td></srl<>	U	11	1.74	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>11</td><td>2.71</td><td><srl< td=""><td>U</td><td>11</td><td>3.48</td><td>1,00</td></srl<></td></srl<>	U	11	2.71	<srl< td=""><td>U</td><td>11</td><td>3.48</td><td>1,00</td></srl<>	U	11	3.48	1,00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>1,35</td><td><srl< td=""><td>U</td><td>11</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1,35	<srl< td=""><td>U</td><td>11</td><td>1.74</td><td>0.50</td></srl<>	U	11	1.74	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>.1</td><td>1.35</td><td><srl< td=""><td>U</td><td>11</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	.1	1.35	<srl< td=""><td>U</td><td>11</td><td>1.74</td><td>0.50</td></srl<>	U	11	1.74	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>11</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>11</td><td>1.74</td><td>0.50</td></srl<>	U	11	1.74	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>11</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	11	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U .</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U .	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td><srl< td=""><td>U</td><td>1</td><td>3.48</td><td>1.00</td></srl<></td></srl<>	U	1	2.71	<srl< td=""><td>U</td><td>1</td><td>3.48</td><td>1.00</td></srl<>	U	1	3.48	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>- 1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	- 1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
1,2-Dibromoethane	<srl< td=""><td>Ü</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1,74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1,74</td><td>0.50</td></srl<>	U	1	1,74	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td><srl< td=""><td>U</td><td>1</td><td>3.48</td><td>1.00</td></srl<></td></srl<>	U	1	2.71	<srl< td=""><td>U</td><td>1</td><td>3.48</td><td>1.00</td></srl<>	U	1	3.48	1.00
Bromoform	<srl< td=""><td>Ŭ</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>Ü</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	Ü	1	1.74	0.50
4-Ethyltoluene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.35</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.35	<srl< td=""><td>Ū</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	Ū	1	1.74	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ŭ ·</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	Ŭ ·	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ū</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	U	1	1.74	0.50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>Ū</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	Ū	1	1.74	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.74</td><td>0.50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>Ū</td><td>1</td><td>1.74</td><td>0.50</td></srl<>	Ū	1	1.74	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td><srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0,50</td></srl<></td></srl<>	U	1	1.35	<srl< td=""><td>U</td><td>1</td><td>1.74</td><td>0,50</td></srl<>	U	1	1.74	0,50
BFB-Surrogate Std. % Recovery		101%				100%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232354

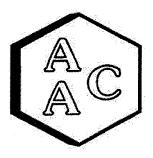
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 11/21/2023

DATE REPORTED: 11/22/2023

ANALYST: DL/CH

Client ID		MS-11		C1-	
AAC ID	232354-51556			Sample	Method
Date Sampled	11/20/2023			Reporting	Reporting
Date Analyzed		11/21/202	3	Limit	Limit
Can Dilution Factor		2.80		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	(MKL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	U	1	1.40	0.50
Propene	<srl< td=""><td>U</td><td>11</td><td>2.80</td><td>1.00</td></srl<>	U	11	2.80	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	U	1	1.40	0.50
Chloromethane	<srl< td=""><td>Ū</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	Ū	1	1.40	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	U	1	1.40	0.50
Vinyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	Ü	1	1.40	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>14.0</td><td>5.00</td></srl<>	U	1	14.0	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	U	1	1.40	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	U	1	1.40	0.50
Chloroethane	<srl< td=""><td>·U</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	·U	1	1.40	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	U	1	1.40	0.50
Ethanol	19.5		1	5.60	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	U	1	1.40	0.50
Acetone	6.18		1	5.60	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	U	1	1.40	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>5.60</td><td>2.00</td></srl<>	U	1	5.60	2.00
Acrylonitrile	<srl< td=""><td>Ū</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	Ū	1	1.40	0.50
1.1-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	Ū	1	1.40	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ü</td><td>1</td><td>2.80</td><td>1.00</td></srl<>	Ü	1	2.80	1.00
Allyl Chloride	<srl< td=""><td>Ü</td><td>i</td><td>2.80</td><td>1.00</td></srl<>	Ü	i	2.80	1.00
Carbon Disulfide	<srl< td=""><td>Ŭ</td><td>1</td><td>5.60</td><td>2.00</td></srl<>	Ŭ	1	5.60	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ü</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	Ü	1	1.40	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	Ü	1	1.40	0.50
1.1-Dichloroethane	<srl< td=""><td>U-</td><td>î</td><td>1.40</td><td>0.50</td></srl<>	U-	î	1.40	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ü</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	Ü	1	1.40	0.50
Vinyl Acetate	<srl< td=""><td>Ŭ</td><td>i</td><td>2.80</td><td>1.00</td></srl<>	Ŭ	i	2.80	1.00
2-Butanone (MEK)	<srl< td=""><td>Ŭ</td><td>i</td><td>2.80</td><td>1.00</td></srl<>	Ŭ	i	2.80	1.00
cis-1,2-Dichloroethene	SRL	Ŭ	 i	1.40	0.50
Hexane	<srl< td=""><td>Ŭ</td><td>— i</td><td>1.40</td><td>0.50</td></srl<>	Ŭ	— i	1.40	0.50
Chloroform	SRL SRL	Ü	1	1.40	0.50
Ethyl Acetate	<srl< td=""><td>Ŭ</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	Ŭ	1	1.40	0.50
Tetrahydrofuran	<srl< td=""><td>- ŭ -</td><td>i</td><td>1.40</td><td>0.50</td></srl<>	- ŭ -	i	1.40	0.50
1.2-Dichloroethane	<srl< td=""><td>- ŭ</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	- ŭ	1	1.40	0.50
1,1,1-Trichloroethane	SRL SRL	Ü	1	1.40	0.50
Benzene	<srl< td=""><td>- ii </td><td>1</td><td>1.40</td><td>0.50</td></srl<>	- ii	1	1.40	0.50
per Victoria V	1 .01.0			**.**	



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232354

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 11/21/2023

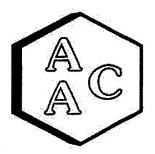
DATE REPORTED: 11/22/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

AAC ID Date Sampled Date Analyzed Can Dilution Factor Compound Carbon Tetrachloride	Result <srl <srl<="" th=""><th>232354-515 11/20/202: 11/21/202: 2.80 Qualifier</th><th>3</th><th>Sample Reporting Limit (SRL) (MRLxDF's)</th><th>Method Reporting Limit (MRL)</th></srl>	232354-515 11/20/202: 11/21/202: 2.80 Qualifier	3	Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
Date Analyzed Can Dilution Factor Compound	<srl< th=""><th>11/21/202. 2.80 Qualifier</th><th>3</th><th>Limit (SRL)</th><th>Limit</th></srl<>	11/21/202. 2.80 Qualifier	3	Limit (SRL)	Limit
Can Dilution Factor Compound	<srl< th=""><th>2.80 Qualifier</th><th></th><th>(SRL)</th><th></th></srl<>	2.80 Qualifier		(SRL)	
Compound	<srl< th=""><th>Qualifier</th><th>Analysis DF</th><th></th><th>(MRL)</th></srl<>	Qualifier	Analysis DF		(MRL)
	<srl< th=""><th></th><th>Analysis DF</th><th>(MRLxDF's)</th><th></th></srl<>		Analysis DF	(MRLxDF's)	
Carbon Tetrachloride		. II	L	(3)	
	<srl< td=""><td></td><td>1</td><td>1.40</td><td>0.50</td></srl<>		1	1.40	0.50
Cyclohexane		U	1	1.40	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>1.40</td><td>0,50</td></srl<>	U	1	1.40	0,50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	U	1	1.40	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.80</td><td>1.00</td></srl<>	U	1	2.80	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	U	1	1.40	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	U	1	1.40	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	U	1	1.40	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	U	1	1.40	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ŭ</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	Ŭ	1	1.40	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	Ū	1	1.40	0.50
1.1.2-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	Ū	1	1.40	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>1,40</td><td>0.50</td></srl<>	U	1	1,40	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.80</td><td>1.00</td></srl<>	U	1	2.80	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	U	1	1.40	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	U	1	1.40	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	U	1	1.40	0.50
Chlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>1,40</td><td>0.50</td></srl<>	Ŭ	1	1,40	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.40</td><td>0,50</td></srl<>	U	1	1.40	0,50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>2.80</td><td>1.00</td></srl<>	U	1	2.80	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	U	1	1.40	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	U	1	1.40	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	U	1	1.40	0.50
o-Xvlene	<srl< td=""><td>Ü</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	Ü	1	1.40	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	U	1	1.40	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	Ū	1	1.40	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	U	1	1.40	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	U	1	1.40	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	Ū	1	1.40	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	Ü	1	1.40	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	Ü	1	1.40	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	Ü	1	1.40	0.50
Hexachlorobutadiene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.40</td><td>0.50</td></srl<>	Ŭ	1	1.40	0.50
BFB-Surrogate Std. % Recovery	******	103%			70-130%





Analyte Compounds (Continued)

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/21/2023

MATRIX: High Purity N₂

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-04

CALIBRATION STD ID: MS1-051523-01

ANALYST: DL

Source 1

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 09/26/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery 3
4-BFB (surrogate standard)	9.40	9.68	103
Chlorodifluoromethane	10.40	11.96	115
Propene	10.60	11.53	109
Dichlorodifluoromethane	10.40	11.62	112
Dimethyl Ether	10.20	10.79	106
Chloromethane	10.40	10.68	103
Dichlorotetrafluoroethane	10.30	9.83	95
Vinyl Chloride	10.50	11.40	109
Acetaldehyde	21.10	22.81	108
Methanol	18.80	17.20	91
1,3-Butadiene	10.60	12.90	122
Bromomethane	10.40	9.38	90
Chloroethane	10.30	10.44	101
Dichlorofluoromethane	10.20	10.62	104
Ethanol	11.20	11.07	99
Vinyl Bromide	10.10	9.44	93
Acrolein	11.10	11.70	105
Acetone	10.60	9.79	92
Trichlorofluoromethane	10.50	10.97	104
2-Propanol (IPA)	11.00	11.94	109
Acrylonitrile	11.20	12.46	111
1,1-Dichloroethene	10.40	9.88	95
Methylene Chloride (DCM)	10.50	9.53	91
TertButanol (TBA)	11.10	12.97	117
Allyl Chloride	10.20	11.07	109
Carbon Disulfide	10.50	10.47	100
Trichlorotrifluoroethane	10.40	9.85	95
trans-1,2-Dichloroethene	10.60	10.68	101
1,1-Dichloroethane	10.50	11.20	107
Methyl Tert Butyl Ether (MTBE)	10.50	11.03	105
Vinyl Acetate	11.00	12.98	118
2-Butanone (MEK)	10.60	10.17	96
cis-1,2-Dichloroethene	10.50	10.35	99
Hexane.	10.70	10.76	101
Chloroform	10.60	11.04	104
Ethyl Acetate	10.60	12.21	115
Tetrahydrofuran	10.20	10.16	100
1,2-Dichloroethane	10.50	12.15	116
1,1,1-Trichloroethane	10.40	11.45	110
Benzene	10.60	10.27	97
Carbon Tetrachloride	10.20	11.77	115
Cyclohexane	10.50	9.87	94

Tanady to Companion (Committee)	Donice		70 21000,017
1,2-Dichloropropane	10.50	10.85	103
Bromodichloromethane	10.40	11.55	111
1,4-Dioxane	10.40	9.64	93
Trichloroethene (TCE)	10.40	9.96	96
2,2,4-Trimethylpentane	10.00	10.74	107
Methyl Methacrylate	11.00	11,35	103
Heptane	10.50	10.23	97
cis-1,3-Dichloropropene	10.40	11.19	108
4-Methyl-2-pentanone (MiBK)	10.40	11.37	109
trans-1,3-Dichloropropene	10.50	11.58	110
1,1,2-Trichloroethane	10.50	10.17	97
Toluene	10.60	10.16	96
2-Hexanone (MBK)	10.50	11.75	112
Dibromochloromethane	10.30	11.46	111
1,2-Dibromoethane	10.60	10.34	98
Tetrachloroethene (PCE)	10.40	10.23	98
Chlorobenzene	10,60	9.65	91
Ethylbenzene	10.50	10.35	99
m & p-Xylene	21.00	20.30	97
Bromoform	10.50	11.91	113
Styrene	10.50	10.47	100
1,1,2,2-Tetrachloroethane	10.50	9.85	94
o-Xylene	10.50	10.24	98
1,2,3-Trichloropropane	11.00	11.03	100
Isopropylbenzene (Cumene)	10.30	9.74	95
α-Pinene	10.70	9.83	92
2-Chlorotoluene	10.30	9,93	96
n-Propylbenzene	10.10	9.68	96
4-Ethyltoluene	10.30	9.84	96
1,3,5-Trimethylbenzene	10.30	10.28	100
β-Pinene LR	11.00	1.99	18
1,2,4-Trimethylbenzene	10.30	9.93	96
Benzyl Chloride (a-Chlorotoluene)	10.40	8.60	83
1,3-Dichlorobenzene	10.40	10.16	98
1,4-Dichlorobenzene	10.30	10,02	97
Sec-ButylBenzene	10.10	9.60	95
1,2-Dichlorobenzene	10.60	9.96	94
n-ButylBenzene	10,20	10.03	98
1,2-Dibromo-3-Chloropropane	10.10	10.11	100
1,2,4-Trichlorobenzene	11.00	11,42	104
Naphthalene	11.50	10.52	91
Hexachlorobutadiene	11.00	11.27	102

Concentration of analyte compound in certified source standard.

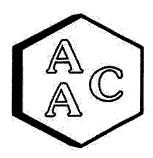
* - β-Pinene results are estimated.

% Recovery 3

² Measured result from daily Continuing Calibration Verification (CCV).

 $^{^3}$ The acceptable range for analyte recovery is $100\pm30\%$.

LR - Recovery for this compound was low. Results should be considered estimated.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/21/2023

INSTRUMENT ID: GC/MS-04

MATRIX: High Purity N₂

CALIBRATION STD ID: MS1-051523-01

UNITS: PPB (v/v)

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

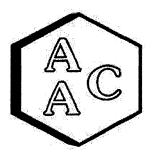
Laboratory Control Spike Analysis

Sustana Maniforina Companyada	Sample	Spike	LCS ¹	LCSD 1	LCS ¹	LCSD 1	RPD ³
System Monitoring Compounds	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	KPD
4-BFB (surrogate standard)	0.0	9.40	9.68	9.61	103	102	0.7
1,1-Dichloroethene	0.0	10.40	9.88	10.44	95	100	5.5
Methylene Chloride (DCM)	0.0	10.50	9.53	9.52	91	91	0.1
Benzene	0.0	10.60	10.27	10.46	97	99	1.8
Trichloroethene (TCE)	0.0	10.40	9.96	9.93	96	95	0.3
Toluene	0.0	10.60	10.16	10.25	96	97	0.9
Tetrachloroethene (PCE)	0.0	10.40	10.23	10.36	98	100	1.3
Chlorobenzene	0.0	10.60	9.65	9.78	91	92	1.3
Ethylbenzene	0.0	10.50	10.35	10.63	99	101	2.7
m & p-Xylene	0.0	21.00	20.30	20.79	97	99	2.4
o-Xylene	0.0	10.50	10.24	10.43	98	99	1.8

¹Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/21/2023

INSTRUMENT ID: GC/MS-04

MATRIX: High Purity He or N2

ANALYST: DL

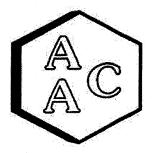
UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 112123	Reporting Limit (RL)
4-BFB (surrogate standard)	100%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5
Allyl Chloride	<rl< td=""><td>1.0</td></rl<>	1.0
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>1.0</td></rl<>	1.0
2-Butanone (MEK)	<rl< td=""><td>1.0</td></rl<>	1.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0.5</td></rl<>	0.5
Cyclohexane .	<rl< td=""><td>0.5</td></rl<>	0.5

Analyte Compounds (Continued)	MB 112123	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>1.0</td></rl<>	1.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>1.0</td></rl<>	1.0
Dibromochloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0,5</td></rl<>	0,5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0,5</td></rl<>	0,5
1,3-Dichlorobenzene	<rl< td=""><td>0,5</td></rl<>	0,5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/21/2023

MATRIX : Air

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-04

ANALYST: DL

DILUTION FACTOR¹: x116.32

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 232411-51494

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	9.82	9.68	1.4
Chlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Propene	2620	2490	5,2
Dichlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dimethyl Ether	<srl< td=""><td><srl< td=""><td>NΑ</td></srl<></td></srl<>	<srl< td=""><td>NΑ</td></srl<>	NΑ
Chloromethane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Dichlorotetrafluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetaldehyde	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methanol	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3-Butadiene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Bromomethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethanol	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrolein	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetone	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Propanol (IPA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrylonitrile	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA ·</td></srl<></td></srl<>	<srl< td=""><td>NA ·</td></srl<>	NA ·
Methylene Chloride (DCM)	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
TertButanol (TBA)	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Allyl Chloride	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Carbon Disulfide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
trans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethane	<srl< td=""><td><srl< td=""><td><i>N</i>.4</td></srl<></td></srl<>	<srl< td=""><td><i>N</i>.4</td></srl<>	<i>N</i> .4
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td><srl< td=""><td>NÁ</td></srl<></td></srl<>	<srl< td=""><td>NÁ</td></srl<>	NÁ
Vinyl Acetate	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
2-Butanone (MEK)	492	443	10.4
cis-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Hexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrahydrofuran	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,2-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Carbon Tetrachloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Cyclohexane	<srl< td=""><td><srl< td=""><td>iλA</td></srl<></td></srl<>	<srl< td=""><td>iλA</td></srl<>	iλA

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Trichloroethene (TCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Heptane	114	106	7.4
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Toluene	860	838	2.6
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrachloroethene (PCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
m & p-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromoform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Styrene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2,2-Tetrachloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
o-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
Isopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
α-Pinene	618	675	8.8
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>NA NA</td></srl<></td></srl<>	<srl< td=""><td>NA NA</td></srl<>	NA NA
4-Ethyltoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3,5-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
β-Pinene	487	536	9.5
1,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA NA</td></srl<></td></srl<>	<srl< td=""><td>NA NA</td></srl<>	NA NA
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Sec-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Naphthalene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexachlorobutadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%). SRL - Sample Reporting Limit (minimum)



Client/Project Name SCS \mathcal{E}_t	Ensineers /	Project Location		SUBJECT NECK					
Canyon	Landfill Air/odor Sampling	,	Valencia,	CA		\	ANALYSES	ES	
		Field Logbook No.							
	232423					\ \L_\'\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\		\	
Sampler: (Print)		(Signature)		No.	No. Of Containers	50/10/	\ \ \	\	
Alberto Lopez		Muffer	\			91 - Fill	\	\	
Sample No./ Identification Date	Time	Lab Sample Number		Type of Sample	3°×.	To-15		Canister Re	Remarks
M5-07 11-20/21-23	2040-2040	アルグ	62 Summa	mma Canister	Ż	X			19513
M5-12 11-20/21-23		5-155-1	6L Su	_	Stu/	X	8	<u>~</u>	70591
M5-08 11-20/21-23	5 0722-0724	51552	6L Summa	mma countifier	X X	Х	00		208 000
M5-09 11-20/21-23	3 0733-0738	51553	GL SW	hetsina Canistav	X	X	00		19597
M5-10 11-20/21-73	3 0743-0749	シリスクリ	COL Summa	nma Canister	X XX	X	8		19593
M5-06 11-20/21-23	3 0758- 8800	51575	GL Summa	mma Canister	Star	X 	0	1 348100	11561
MS-11 11-20/21-13	3 0816-0829	51556	6L Summa	mma Canister	ster X	<u>X</u>	00	001719/	19594
Relinquished by: (Signature)	bully-		Date $11/21/23$	$\left \frac{+760}{} \right $	Received by: (Signature)	nature)		Date	Time
Relinquished by: (Signature)			Date 1	Time	Received by: (Signature)	nature)		Date	Time
Relinquished by: (Signature)			Date 1	Time F	Received for Laboratory: (Signature)	ratory:(Signatu	re)	Date	Time og 57
Sample Disposal Method:	.*		Disposed of by:(Signature)	/: (Signature	\			Date	Time
Sample Collector			Analytical Laboratory A	oratory	_				
Enviro 865 Via Lata (909) 422-1	Environmental Inc. 865 Via Lata • Colton, California 92324 (909) 422-1001 Fax (909) 422-0707	- 10		AAC		Ventura			
			D10-7x	5 Co.W. 2	+ 7x CGC	coated in	Mrch 5		



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon Landfill Air/Odor Sampling

AAC PROJECT NO.

: 232423

REPORT DATE

: 11/22/2023

On November 21st, 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) Six-Liter Silonite Canisters for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Return Pressure (mmHg)
MS-07	232423-51550	405.0
MS-12	232423-51551	494.0
MS-08	232423-51552	742.0
MS-09	232423-51553	421.0
MS-10	232423-51554	385.0
MS-06	232423-51555	297.5
MS-11	232423-51556	373.5

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar Ph.D Technical Director

This report consists of 5 pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers
PROJECT NO.: 232423
MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 11/20-21/2023

RECEIVING DATE: 11/21/2023

ANALYSIS DATE: 11/21/2023 REPORT DATE: 11/22/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-09
AAC ID	232423-51550	232423-51551	232423-51552	232423-51553
Canister Dil. Fac.	2.5	2.1	1.4	2.5
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.025	< 0.021	< 0.014	< 0.025
COS / SO2	< 0.025	< 0.021	< 0.014	< 0.025
Methyl Mercaptan	< 0.025	< 0.021	< 0.014	< 0.025
Ethyl Mercaptan	< 0.025	< 0.021	< 0.014	< 0.025
Dimethyl Sulfide	< 0.025	< 0.021	< 0.014	< 0.025
Carbon Disulfide	< 0.025	< 0.021	< 0.014	< 0.025
Isopropyl Mercaptan	< 0.025	< 0.021	< 0.014	< 0.025
tert-Butyl Mercaptan	< 0.025	< 0.021	< 0.014	< 0.025
n-Propyl Mercaptan	< 0.025	< 0.021	< 0.014	< 0.025
Methylethylsulfide	< 0.025	< 0.021	< 0.014	< 0.025
sec-Butyl Mercaptan / Thiophene	< 0.025	< 0.021	< 0.014	< 0.025
iso-Butyl Mercaptan	< 0.025	< 0.021	< 0.014	< 0.025
Diethyl Sulfide	< 0.025	< 0.021	< 0.014	< 0.025
n-Butyl Mercaptan	< 0.025	< 0.021	< 0.014	< 0.025
Dimethyl Disulfide	< 0.025	< 0.021	< 0.014	< 0.025
2-Methylthiophene	< 0.025	< 0.021	< 0.014	< 0.025
3-Methylthiophene	< 0.025	< 0.021	< 0.014	< 0.025
Tetrahydrothiophene	< 0.025	< 0.021	< 0.014	< 0.025
Bromothiophene	< 0.025	< 0.021	< 0.014	< 0.025
Thiophenol	< 0.025	< 0.021	< 0.014	< 0.025
Diethyl Disulfide	< 0.025	< 0.021	< 0.014	< 0.025
Total Unidentified Sulfur	< 0.025	< 0.021	< 0.014	< 0.025
Total Reduced Sulfurs	< 0.025	< 0.021	< 0.014	< 0.025

All unidentified compound's concentrations expressed in terms of H_2S Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232423 MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 11/20-21/2023 RECEIVING DATE: 11/21/2023

ANALYSIS DATE: 11/21/2023

REPORT DATE: 11/22/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-06	MS-11
AAC ID	232423-51554	232423-51555	232423-51556
Canister Dil. Fac.	2.7	3.5	2.8
Analyte	Result	Result	Result
Hydrogen Sulfide	< 0.027	< 0.035	< 0.028
COS / SO2	< 0.027	< 0.035	< 0.028
Methyl Mercaptan	< 0.027	< 0.035	< 0.028
Ethyl Mercaptan	< 0.027	< 0.035	< 0.028
Dimethyl Sulfide	< 0.027	< 0.035	< 0.028
Carbon Disulfide	< 0.027	< 0.035	< 0.028
Isopropyl Mercaptan	< 0.027	< 0.035	< 0.028
tert-Butyl Mercaptan	< 0.027	< 0.035	< 0.028
n-Propyl Mercaptan	< 0.027	< 0.035	< 0.028
Methylethylsulfide	< 0.027	< 0.035	< 0.028
sec-Butyl Mercaptan / Thiophene	< 0.027	< 0.035	< 0.028
iso-Butyl Mercaptan	< 0.027	< 0.035	< 0.028
Diethyl Sulfide	< 0.027	< 0.035	< 0.028
n-Butyl Mercaptan	< 0.027	< 0.035	< 0.028
Dimethyl Disulfide	< 0.027	< 0.035	< 0.028
2-Methylthiophene	< 0.027	< 0.035	< 0.028
3-Methylthiophene	< 0.027	< 0.035	< 0.028
Tetrahydrothiophene	< 0.027	< 0.035	< 0.028
Bromothiophene	< 0.027	< 0.035	< 0.028
Thiophenol	< 0.027	< 0.035	< 0.028
Diethyl Disulfide	< 0.027	< 0.035	< 0.028
Total Unidentified Sulfur	< 0.027	< 0.035	< 0.028
Total Reduced Sulfurs	< 0.027	< 0.035	< 0.028

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 11/21/2023

Analyst: KM Units: ppbV Instrument ID: SCD#10 Calb. Date: : 07/11/2022

Opening Calibration Verification Standard

499.8 ppbV H2S (SS1289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1886	512	102.4	1.3
Duplicate	1865	506	101.2	0.1
Triplicate	1837	498	99.7	1.4

547.5 ppbV H2S (SS1289)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2314	537	98.0	2.8
Duplicate	2430	564	102.9	2.1
Triplicate	2397	556	101.5	0.7

479.0 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2418	457	95.4	4.5
Duplicate	2585	489	102.0	2.1
Triplicate	2593	490	102.3	2.4

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< th=""></pql<>

Duplicate Analysis	Sample ID	231187-45761	

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0

Matrix Spike & Duplicate Sample ID 231438-46986 x2

ATAMERAM OPPARE OF A			OHILIPIO ID	201100 10700	71.49		
Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H ₂ S	<pql< td=""><td>249.9</td><td>236,3</td><td>243.4</td><td>94.6</td><td>97.4</td><td>3.0</td></pql<>	249.9	236,3	243.4	94.6	97.4	3.0
MeSH	<pql< td=""><td>273.8</td><td>289.4</td><td>279.7</td><td>105.7</td><td>102.2</td><td>3.4</td></pql<>	273.8	289.4	279.7	105.7	102.2	3.4
DMS	<pql< td=""><td>239.5</td><td>260.6</td><td>259.6</td><td>108.8</td><td>108.4</td><td>0.4</td></pql<>	239.5	260.6	259.6	108.8	108.4	0.4

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	499.8	501.8	100.4
MeSH	547.5	567.9	103.7
DMS	479.0	477.8	99.7

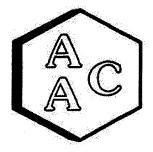
^{*}Must be 95-105%, **Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD fro. ssAS

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbV DMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV

CHAIN OF CUSTODY RECORD

Client/Project Name Soc			CHAIN	CHAIN OF CUSTODY RE		CORD					
Chiquita Canyon		Candfill Air/ador Sompling		Valencia,	CA			2	ANALYSES		
	کی د	~	Field Logbook No.				Er	24			
Sampler: (Print) Alberto L	Lopez	7	(Signature)		No. of Co.	itainers	SOL				
Sample No./ Identification	Date	Time	Lab Sample Number		Type of Sample	Pox.	10.15				6
M5-07 11-2	11-20/21-23 070	2040-2040	7770	lol Samma	mma Canisla		X ;		Camister	` `	Controller
M5-12 11-2	_	1140	١٦٥ (١)	(a) (c)			X)		201968		0001
1-11 80-SW		١,	51573	Col Symma	man Comoter		X)		001803		a di t
MS-09 11-2	11-20/21-23 0733-	3-0738	21223	GL Symma	_	X	Χ .	-	V 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		19504
M5-10 11-2	11-20/21-13 074	0743-0749	21254	COL Summa		X	X		81743		19593
00		3.0800	51575	GL Summa	nma Canister	X	X		2 481 00	. '	1150
11-20	21-13	0816-0829	21226	OL SUM	OL Summa Canistar	X	X		001719	/	19594
Relinguished by: (Signat											
n in district by (alguante)	Johns			Date $11/21/23$	0947 Rece	Received by: (Signature)	nature)		9	Date	Time
Kelinquished by: (Signature)	ure)			Date Ti	Time Rece	Received by: (Signature)	nature)		5	Date	Time
Relinquished by: (Signature)	ure)			Date Ti	Time Rece	ived for Labo	Received for Laboratory: (Signature)	ture)	D.	Date	Time
Sample Disposal Mathod						CALLES CONTRACTOR CONT	egusterma evertest avettesterename ung	Name of the last o		N. J. V.	7500
vambie visposai riemog				Disposed of by:(Signature)	(Signature)				P	Date	Time
Sample Collector				Analytical Laboratory	atory				,		
	NO SERVICE	+	-		•						
(90) 865 865	Bhyironmental Inc. 865 Via Lata • Colton, California 92324 (909) 422-1001 Fax (909) 422-0707	ntal Inc. California 92324 909) 422-0707			H H C	\&\\	Ventura				
				7				*			

210-7x cons + 7x contest Fisher, s



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon Landfill Air/Odor Sampling

AAC PROJECT NO.

: 232462

REPORT DATE

: 11/30/2023

On November 28, 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Return Pressure (mmHga)
MS-07	232462-51784	311.5
MS-12	232462-51785	478.5
MS-08	232462-51786	730.5
MS-09	232462-51787	29.0
MS-10	232462-51788	318.5
MS-06	232462-51789	0.0
MS-11	232462-51790	369.5

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. Samples "MS-09" (51787) and "MS-06" (51789) were received with very low sample volume and were voided at the request of the client. No other problems were encountered during receiving, preparation, and/or analysis of these samples.

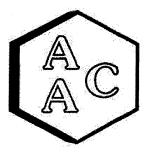
The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

ledhnical Director

This report consists of 14 pages.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232462 MATRIX: AIR

UNITS: PPB (v/v)

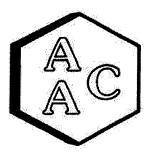
DATE RECEIVED: 11/28/2023

DATE RECEIVED: 11/28/2023

DATE REPORTED: 11/30/2023

ANALYST: DL/CH

Client ID		MS-07		C1-		MS-12		G1-	
AAC ID		232462-517		Sample		232462-517	'85	Sample	Method
Date Sampled		11/27/202		Reporting		11/27/202		Reporting	Reporting
Date Analyzed		11/28/202	3	Limit		11/28/202	3	Limit	Limit
Can Dilution Factor		3.35		SRL)		2.16		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MKL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	U	1	1.08	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>3.35</td><td><srl< td=""><td>U</td><td>1</td><td>2.16</td><td>1.00</td></srl<></td></srl<>	U	1	3.35	<srl< td=""><td>U</td><td>1</td><td>2.16</td><td>1.00</td></srl<>	U	1	2.16	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1,08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1,08</td><td>0.50</td></srl<>	U	1	1,08	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	U	1	1.08	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	U	1	1.08	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	U	1	1.08	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>16.8</td><td><srl< td=""><td>Ū</td><td>1</td><td>10.8</td><td>5.00</td></srl<></td></srl<>	U	1	16.8	<srl< td=""><td>Ū</td><td>1</td><td>10.8</td><td>5.00</td></srl<>	Ū	1	10.8	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	U	1	1.08	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>Ū</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	Ū	1	1.08	0.50
Chloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>1.68</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.68	<srl< td=""><td>Ŭ</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	Ŭ	1	1.08	0.50
Dichlorofluoromethane	<srl< td=""><td>Ŭ.</td><td>1</td><td>1.68</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	Ŭ.	1	1.68	<srl< td=""><td>Ū</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	Ū	1	1.08	0.50
Ethanol	<srl< td=""><td>U</td><td>1</td><td>6.70</td><td><srl< td=""><td>U</td><td>1</td><td>4.32</td><td>2.00</td></srl<></td></srl<>	U	1	6.70	<srl< td=""><td>U</td><td>1</td><td>4.32</td><td>2.00</td></srl<>	U	1	4.32	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	U	1	1.08	0.50
Acetone	<srl< td=""><td>U</td><td>1</td><td>6.70</td><td><srl< td=""><td>U</td><td>1</td><td>4.32</td><td>2.00</td></srl<></td></srl<>	U	1	6.70	<srl< td=""><td>U</td><td>1</td><td>4.32</td><td>2.00</td></srl<>	U	1	4.32	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	U	1	1.08	0.50
2-Propanol (IPA)	<srl< td=""><td>Д</td><td>1</td><td>6.70</td><td><srl< td=""><td>U</td><td>1</td><td>4.32</td><td>2.00</td></srl<></td></srl<>	Д	1	6.70	<srl< td=""><td>U</td><td>1</td><td>4.32</td><td>2.00</td></srl<>	U	1	4.32	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	U	1	1.08	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	U	1	1.08	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ü</td><td>1</td><td>3,35</td><td><srl< td=""><td>U</td><td>1</td><td>2,16</td><td>1.00</td></srl<></td></srl<>	Ü	1	3,35	<srl< td=""><td>U</td><td>1</td><td>2,16</td><td>1.00</td></srl<>	U	1	2,16	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>3.35</td><td><srl< td=""><td>U</td><td>1</td><td>2.16</td><td>1.00</td></srl<></td></srl<>	U	1	3.35	<srl< td=""><td>U</td><td>1</td><td>2.16</td><td>1.00</td></srl<>	U	1	2.16	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>6.70</td><td><srl< td=""><td>U</td><td>1</td><td>4.32</td><td>2,00</td></srl<></td></srl<>	U	1	6.70	<srl< td=""><td>U</td><td>1</td><td>4.32</td><td>2,00</td></srl<>	U	1	4.32	2,00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	U	1	1.08	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	U	1	1.08	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	U	1	1.08	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	U	1	1.08	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>3.35</td><td><srl< td=""><td>U</td><td>1</td><td>2.16</td><td>1.00</td></srl<></td></srl<>	U	1	3.35	<srl< td=""><td>U</td><td>1</td><td>2.16</td><td>1.00</td></srl<>	U	1	2.16	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>3.35</td><td><srl< td=""><td>U</td><td>1</td><td>2.16</td><td>1.00</td></srl<></td></srl<>	U	1	3.35	<srl< td=""><td>U</td><td>1</td><td>2.16</td><td>1.00</td></srl<>	U	1	2.16	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0,50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0,50</td></srl<>	U	1	1.08	0,50
Hexane	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>Ŭ</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	Ŭ	1	1.08	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>Ū</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	Ū	1	1.08	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1,68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1,68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	U	1	1.08	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>Ū</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	Ū	1	1.08	0.50
1,2-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	U	1	1.08	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>1,68</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1,68	<srl< td=""><td>Ŭ</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	Ŭ	1	1.08	0.50
Benzene	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	U	1	1.08	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 11/28/2023

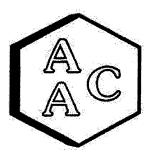
PROJECT NO : 232462

DATE REPORTED: 11/30/2023

MATRIX : AIR UNITS : PPB (v/v) ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID		MS-07 232462-517	784	Sample		MS-12 232462-517	/85	Sample	Method
Date Sampled	i	11/27/202		Reporting		11/27/202		Reporting	Reporting
Date Analyzed		11/28/202		Limit		11/28/202		Limit	Limit
Can Dilution Factor		3.35		(SRL)		2.16		(SRL)	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	U	1	1.08	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	U	1	1.08	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	U	1	1.08	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	U	1	1.08	0.50
1,4-Dioxane	<srl< td=""><td>Ŭ</td><td>1</td><td>3.35</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.16</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	3.35	<srl< td=""><td>Ū</td><td>1</td><td>2.16</td><td>1.00</td></srl<>	Ū	1	2.16	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	U	1	1.08	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	U	1	1.08	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>i</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>U</td><td>i</td><td>1.08</td><td>0.50</td></srl<>	U	i	1.08	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>Û</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>Û</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	Û	1	1.08	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	U	1	1.08	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>Ü</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	Ü	1	1.08	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>Ü</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	Ü	1	1.08	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>Ü</td><td>i</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>Ü</td><td>i</td><td>1.08</td><td>0.50</td></srl<>	Ü	i	1.08	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ù</td><td>1</td><td>3.35</td><td><srl< td=""><td>Ü</td><td>i ·</td><td>2.16</td><td>1.00</td></srl<></td></srl<>	Ù	1	3.35	<srl< td=""><td>Ü</td><td>i ·</td><td>2.16</td><td>1.00</td></srl<>	Ü	i ·	2.16	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>U</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	U	1	1.08	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>Ŭ</td><td>- 1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>Ŭ</td><td>- 1</td><td>1.08</td><td>0.50</td></srl<>	Ŭ	- 1	1.08	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>Ŭ</td><td></td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>Ŭ</td><td></td><td>1.08</td><td>0.50</td></srl<>	Ŭ		1.08	0.50
Chlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.68</td><td><srl< td=""><td>Ŭ</td><td>î</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.68	<srl< td=""><td>Ŭ</td><td>î</td><td>1.08</td><td>0.50</td></srl<>	Ŭ	î	1.08	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.68</td><td><srl< td=""><td>Ü</td><td>î</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	1	1.68	<srl< td=""><td>Ü</td><td>î</td><td>1.08</td><td>0.50</td></srl<>	Ü	î	1.08	0.50
m & p-Xylene	<srl< td=""><td>Ū</td><td>1</td><td>3,35</td><td><srl< td=""><td>IJ</td><td>i</td><td>2.16</td><td>1.00</td></srl<></td></srl<>	Ū	1	3,35	<srl< td=""><td>IJ</td><td>i</td><td>2.16</td><td>1.00</td></srl<>	IJ	i	2.16	1.00
Bromoform	<srl< td=""><td>Ū</td><td>1</td><td>1.68</td><td><srl< td=""><td>Ū</td><td>î</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.68	<srl< td=""><td>Ū</td><td>î</td><td>1.08</td><td>0.50</td></srl<>	Ū	î	1.08	0.50
Styrene	<srl< td=""><td>Ü</td><td>i</td><td>1.68</td><td><srl< td=""><td>Ŭ</td><td>- i </td><td>1.08</td><td>0.50</td></srl<></td></srl<>	Ü	i	1.68	<srl< td=""><td>Ŭ</td><td>- i </td><td>1.08</td><td>0.50</td></srl<>	Ŭ	- i	1.08	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ū</td><td>1</td><td>1.68</td><td><srl< td=""><td>Ü</td><td></td><td>1.08</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.68	<srl< td=""><td>Ü</td><td></td><td>1.08</td><td>0.50</td></srl<>	Ü		1.08	0.50
o-Xvlene	<srl< td=""><td>U</td><td>i</td><td>1.68</td><td><srl< td=""><td>Ü</td><td>i</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	U	i	1.68	<srl< td=""><td>Ü</td><td>i</td><td>1.08</td><td>0.50</td></srl<>	Ü	i	1.08	0.50
4-Ethyltoluene	<srl< td=""><td>Ü</td><td>î</td><td>1.68</td><td><srl< td=""><td>Ü</td><td>- i - l</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	Ü	î	1.68	<srl< td=""><td>Ü</td><td>- i - l</td><td>1.08</td><td>0.50</td></srl<>	Ü	- i - l	1.08	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ū</td><td>i</td><td>1.68</td><td><srl< td=""><td>Ŭ</td><td>1 1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	Ū	i	1.68	<srl< td=""><td>Ŭ</td><td>1 1</td><td>1.08</td><td>0.50</td></srl<>	Ŭ	1 1	1.08	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ū</td><td>i</td><td>1.68</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	Ū	i	1.68	<srl< td=""><td>Ŭ</td><td>i</td><td>1.08</td><td>0.50</td></srl<>	Ŭ	i	1.08	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ū.</td><td>1 1</td><td>1.68</td><td><srl< td=""><td>Ü</td><td></td><td>1.08</td><td>0.50</td></srl<></td></srl<>	Ū.	1 1	1.68	<srl< td=""><td>Ü</td><td></td><td>1.08</td><td>0.50</td></srl<>	Ü		1.08	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i I</td><td>1.68</td><td><srl< td=""><td>ŭ</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	Ü	i I	1.68	<srl< td=""><td>ŭ</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	ŭ	1	1.08	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>1.68</td><td><srl< td=""><td>ŭ</td><td>- i - i</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	Ü	i	1.68	<srl< td=""><td>ŭ</td><td>- i - i</td><td>1.08</td><td>0.50</td></srl<>	ŭ	- i - i	1.08	0.50
1,2-Dichlorobenzene	<srl< td=""><td>ŭ</td><td>- i - </td><td>1.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	ŭ	- i - 	1.68	<srl< td=""><td>Ü</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	Ü	1	1.08	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td>- i - l</td><td>1.68</td><td><srl< td=""><td>Ü</td><td>- i </td><td>1.08</td><td>0.50</td></srl<></td></srl<>	Ŭ	- i - l	1.68	<srl< td=""><td>Ü</td><td>- i </td><td>1.08</td><td>0.50</td></srl<>	Ü	- i 	1.08	0.50
Hexachlorobutadiene	<srl< td=""><td>- ŭ</td><td>- i - l</td><td>1.68</td><td><srl< td=""><td>ŭ l</td><td>1</td><td>1.08</td><td>0.50</td></srl<></td></srl<>	- ŭ	- i - l	1.68	<srl< td=""><td>ŭ l</td><td>1</td><td>1.08</td><td>0.50</td></srl<>	ŭ l	1	1.08	0.50
BFB-Surrogate Std. % Recovery		102%		1.00	- VICL [101%		1.00	70-130%



Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 11/28/2023

PROJECT NO: 232462

DATE REPORTED: 11/30/2023

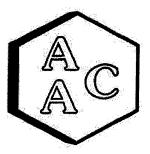
MATRIX : AIR

ANALYST: DL/CH

UNITS: PPB (v/v)

Client ID		MS-08	10.6	Sample	3.5.41 - 3
AAC ID		232462-517 11/27/202		Reporting	Method
Date Sampled Date Analyzed		11/28/202		Limit	Reporting
Can Dilution Factor		1.46	<u> </u>		Limit
		 		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Propene	<srl< td=""><td>U</td><td>11</td><td>1.46</td><td>1.00</td></srl<>	U	11	1.46	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>7.29</td><td>5.00</td></srl<>	U	1	7.29	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Bromomethane	<srl< td=""><td>U</td><td>11</td><td>0.73</td><td>0.50</td></srl<>	U	11	0.73	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Ethanol	<srl< td=""><td>U</td><td>1</td><td>2.92</td><td>2.00</td></srl<>	U	1	2.92	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Acetone	<srl< td=""><td>U</td><td>1</td><td>2.92</td><td>2.00</td></srl<>	U	1	2.92	2.00
Trichlorofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ū	1	0.73	0.50
2-Propanol (IPA)	<srl< td=""><td>Ū</td><td>1</td><td>2.92</td><td>2.00</td></srl<>	Ū	1	2.92	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.46</td><td>1.00</td></srl<>	U	1	1.46	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.46</td><td>1.00</td></srl<>	U	1	1.46	1.00
Carbon Disulfide	<srl< td=""><td>Ü</td><td>1</td><td>2.92</td><td>2.00</td></srl<>	Ü	1	2.92	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ū	1	0.73	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ü	1	0.73	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ü	1	0.73	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.46</td><td>1.00</td></srl<>	U	1	1.46	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.46</td><td>1.00</td></srl<>	U	1	1.46	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ū	1	0.73	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ü	1	0.73	0.50
Ethyl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ū	1	0.73	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1,2-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ū	1	0.73	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Benzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ŭ	1	0.73	0.50





Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 11/28/2023

PROJECT NO: 232462

DATE REPORTED: 11/30/2023

MATRIX : AIR

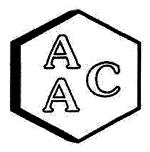
ANALYST: DL/CH

UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

		MS-08		Commit	
AAC ID		232462-517		Sample	Method
Date Sampled		11/27/202	3	Reporting	Reporting
Date Analyzed		11/28/202	3	Limit	Limit
Can Dilution Factor		1.46		(SRL)	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.46</td><td>1.00</td></srl<>	U	1	1.46	1.00
Trichloroethene (TCE)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ŭ	1	0.73	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>. 0.50</td></srl<>	U	1	0.73	. 0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ü	1	0.73	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ū	1	0.73	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.46</td><td>1.00</td></srl<>	U	1	1.46	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.46</td><td>1.00</td></srl<>	U	1	1.46	1.00
Bromoform	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ü	1	0.73	0.50
Styrene	<srl< td=""><td>U</td><td>i</td><td>0.73</td><td>0.50</td></srl<>	U	i	0.73	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ū	1	0.73	0.50
o-Xylene	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ū	1	0.73	0.50
4-Ethyltoluene	<srl< td=""><td>Ŭ</td><td>i i</td><td>0.73</td><td>0.50</td></srl<>	Ŭ	i i	0.73	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>î</td><td>0.73</td><td>0.50</td></srl<>	Ü	î	0.73	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.73</td><td>0.50</td></srl<>	Ü	i	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.73</td><td>0.50</td></srl<>	Ü	i	0.73	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.73</td><td>0.50</td></srl<>	Ü	i	0.73	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.73</td><td>0.50</td></srl<>	Ü	i	0.73	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.73</td><td>0.50</td></srl<>	Ü	i	0.73	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>î</td><td>0.73</td><td>0.50</td></srl<>	Ü	î	0.73	0.50
BFB-Surrogate Std. % Recovery		100%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 11/28/2023

PROJECT NO: 232462

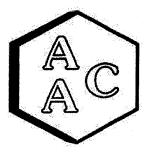
DATE REPORTED: 11/30/2023

MATRIX : AIR

ANALYST: DL/CH

UNITS: PPB (v/v)

Client ID		MS-10		Sample	
AAC ID		232462-517			Method
Date Sampled		11/27/202		Reporting	Reporting
Date Analyzed		11/28/202	3	Limit	Limit
Can Dilution Factor		3.27		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>3.27</td><td>1.00</td></srl<>	U	1	3.27	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>11</td><td>1.63</td><td>0.50</td></srl<>	U	11	1.63	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>16.3</td><td>5.00</td></srl<>	U	1	16.3	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
Bromomethane	<srl< td=""><td>U</td><td>11</td><td>1,63</td><td>0.50</td></srl<>	U	11	1,63	0.50
Chloroethane	<srl< td=""><td>U</td><td>11</td><td>1.63</td><td>0.50</td></srl<>	U	11	1.63	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
Ethanol	<srl< td=""><td>U</td><td>1</td><td>6.53</td><td>2.00</td></srl<>	U	1	6.53	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
Acetone	<srl< td=""><td>U</td><td>1</td><td>6.53</td><td>2.00</td></srl<>	U	1	6.53	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1,63</td><td>0.50</td></srl<>	U	1	1,63	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>6.53</td><td>2.00</td></srl<>	U	1	6.53	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>3.27</td><td>1.00</td></srl<>	U	1	3.27	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>3.27</td><td>1,00</td></srl<>	U	1	3.27	1,00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>6.53</td><td>2.00</td></srl<>	U	1	6.53	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>3.27</td><td>1.00</td></srl<>	U	1	3.27	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>3.27</td><td>1.00</td></srl<>	U	1	3.27	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
Chloroform	<srl< td=""><td>Ŭ</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	Ŭ	1	1.63	0.50
Ethyl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	Ū	1	1.63	0.50
Tetrahydrofuran	<srl< td=""><td>Ū</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	Ū	1	1.63	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	Ü	1	1.63	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	Ü	1	1.63	0.50
Benzene	<srl< td=""><td>Ū</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	Ū	1	1.63	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 11/28/2023

PROJECT NO: 232462

DATE REPORTED: 11/30/2023

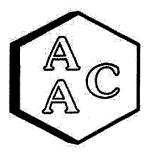
MATRIX : AIR

ANALYST: DL/CH

UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-10		Sample	
AAC ID		232462-517			Method
Date Sampled		11/27/202		Reporting	Reporting
Date Analyzed		11/28/202	3	Limit	Limit
Can Dilution Factor		3.27		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	(MIXL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>1.63</td><td>0.50</td></srl<>	U	11	1.63	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>3.27</td><td>1.00</td></srl<>	U	1	3.27	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	Ū	1	1.63	0.50
Toluene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	Ŭ	1	1.63	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ū</td><td>1</td><td>3.27</td><td>1.00</td></srl<>	Ū	1	3.27	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
m & p-Xylene	<srl< td=""><td>Ū</td><td>1</td><td>3.27</td><td>1.00</td></srl<>	Ū	1	3.27	1.00
Bromoform	<srl< td=""><td>Ū</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	Ū	1	1.63	0.50
Styrene	<srl< td=""><td>Ū</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	Ū	1	1.63	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ū</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	Ū	1	1.63	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ù</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	Ù	1	1.63	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	U	1	1.63	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	Ü	1	1.63	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.63</td><td>0.50</td></srl<>	Ü	1	1.63	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>ī</td><td>1.63</td><td>0.50</td></srl<>	Ŭ	ī	1.63	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>ī</td><td>1.63</td><td>0.50</td></srl<>	Ü	ī	1.63	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>i</td><td>1.63</td><td>0.50</td></srl<>	Ü	i	1.63	0.50
BFB-Surrogate Std. % Recovery	7.55	99%			70-130%



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232462

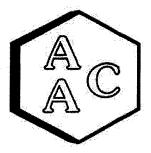
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 11/28/2023

DATE REPORTED: 11/30/2023

ANALYST: DL/CH

Client ID	T	MS-11		Sample	
AAC ID		232462-517	90	1 - 1	Method
Date Sampled		11/27/202	3	Reporting	Reporting
Date Analyzed		11/28/202	3	Limit	Limit
Can Dilution Factor		2.82		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	U	1	1.41	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>2.82</td><td>1.00</td></srl<>	U	1	2.82	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	U	1	1.41	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	U	1	1.41	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	U	1	1.41	0.50
Vinyl Chloride	<srl< td=""><td>Ŭ</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	Ŭ	1	1.41	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>14.1</td><td>5.00</td></srl<>	U	1	14.1	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	U	1	1.41	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	U	1	1.41	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	U	1	1.41	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	U	1	1.41	0.50
Ethanol	<srl< td=""><td>U</td><td>1</td><td>5.64</td><td>2.00</td></srl<>	U	1	5.64	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	U	1	1.41	0.50
Acetone	<srl< td=""><td>U</td><td>1</td><td>5,64</td><td>2.00</td></srl<>	U	1	5,64	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	U	1	1.41	0.50
2-Propanol (IPA)	<srl< td=""><td>Ū</td><td>1 .</td><td>5.64</td><td>2.00</td></srl<>	Ū	1 .	5.64	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	U	1	1.41	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	U	1	1.41	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ü</td><td>1</td><td>2.82</td><td>1.00</td></srl<>	Ü	1	2.82	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>2.82</td><td>1.00</td></srl<>	U	1	2.82	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>5.64</td><td>2.00</td></srl<>	U	1	5.64	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	U	1	1.41	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	U	1	1.41	0.50
1,1-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	Ü	1	1.41	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	U	1	1.41	0.50
Vinvl Acetate	<srl< td=""><td>U</td><td>1</td><td>2.82</td><td>1.00</td></srl<>	U	1	2.82	1.00
2-Butanone (MEK)	<srl< td=""><td>Ü</td><td>1</td><td>2,82</td><td>1.00</td></srl<>	Ü	1	2,82	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>i</td><td>1.41</td><td>0.50</td></srl<>	Ū	i	1.41	0.50
Hexane	<srl< td=""><td>Ü</td><td>i</td><td>1.41</td><td>0,50</td></srl<>	Ü	i	1.41	0,50
Chloroform	<srl< td=""><td>Ŭ</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	Ŭ	1	1.41	0.50
Ethyl Acetate	<srl< td=""><td>Ü</td><td>ī</td><td>1.41</td><td>0.50</td></srl<>	Ü	ī	1.41	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	Ü	1	1.41	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	Ü	1	1.41	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	Ŭ	1	1.41	0.50
Benzene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	Ŭ	1	1.41	0.50
		×l	-		



Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 11/28/2023

PROJECT NO: 232462

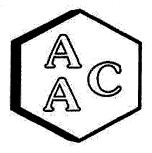
DATE REPORTED: 11/30/2023

MATRIX : AIR
UNITS : PPB (v/v)

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

AAC ID Date Sampled Date Analyzed		232462-517 11/27/202		Sample	Method
	<u> </u>		•	Reporting	
Date Analyzed				Limit	Reporting
		11/28/202	3		Limit
Can Dilution Factor	<u> </u>	2.82		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	U	1	1.41	0.50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>1.41</td><td>0.50</td></srl<>	U	11	1.41	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>1.41</td><td>0.50</td></srl<>	U	11	1.41	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>1.41</td><td>0.50</td></srl<>	U	11	1.41	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.82</td><td>1.00</td></srl<>	U	1	2.82	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	U	1	1.41	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	U	1	1.41	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	U	1	1.41	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	U	1	1.41	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	U	1	1.41	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>Ü</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	Ü	1	1.41	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	Ŭ	1	1.41	0.50
Toluene	<srl< td=""><td>Ū</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	Ū	1	1.41	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ü</td><td>1</td><td>2.82</td><td>1.00</td></srl<>	Ü	1	2.82	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	U	1	1.41	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0,50</td></srl<>	U	1	1.41	0,50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	U	1	1.41	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	U	1	1.41	0.50
Ethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	Ū	1	1.41	0.50
m & p-Xylene	<srl< td=""><td>· U</td><td>i</td><td>2.82</td><td>1.00</td></srl<>	· U	i	2.82	1.00
Bromoform	<srl< td=""><td>Ü</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	Ü	1	1.41	0.50
Styrene	<srl< td=""><td>Ü</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	Ü	1	1.41	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ü</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	Ü	1	1.41	0.50
o-Xylene	<srl< td=""><td>Ü</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	Ü	1	1.41	0.50
4-Ethyltoluene	<srl< td=""><td>Ü</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	Ü	1	1.41	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	Ü	1	1.41	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	Ü	1	1.41	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>i</td><td>1.41</td><td>0.50</td></srl<>	Ü	i	1.41	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>î</td><td>1.41</td><td>0.50</td></srl<>	Ŭ	î	1.41	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>i i</td><td>1.41</td><td>0.50</td></srl<>	Ŭ	i i	1.41	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>1.41</td><td>0.50</td></srl<>	Ü	i	1.41	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.41</td><td>0.50</td></srl<>	Ŭ	1	1.41	0.50
Hexachlorobutadiene	<srl< td=""><td>- ŭ</td><td>î</td><td>1.41</td><td>0.50</td></srl<>	- ŭ	î	1.41	0.50
BFB-Surrogate Std. % Recovery	70100	98%			70-130%



Analyte Compounds (Continued)

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/28/2023

MATRIX: High Purity N₂

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-04

CALIBRATION STD ID: MS1-051523-01

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 09/26/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery
4-BFB (surrogate standard)	9.40	9.83	105
Chlorodifluoromethane	10.40	11.77	113
Propene	10.60	10.88	103
Dichlorodifluoromethane	10.40	12.33	119
Dimethyl Ether	10.20	10.19	100
Chloromethane	10.40	10.51	101
Dichlorotetrafluoroethane	10.30	10.02	97
Vinyl Chloride	10.50	11.02	105
Acetaldehyde	21.10	21.06	100
Methanol	18.80	16.71	89
1,3-Butadiene	10.60	. 12.61	119
Bromomethane	10.40	9.66	93
Chloroethane	10.30	9.79	95
Dichlorofluoromethane	10.20	10.58	104
Ethanol	11.20	10.80	96
Vinyl Bromide	10.10	9.55	95
Acrolein	11.10	11,13	100
Acetone	10.60	9.62	91
Trichlorofluoromethane	10.50	11.45	109
2-Propanol (IPA)	11.00	11.96	109
Acrylonitrile	11.20	11.82	106
1,1-Dichloroethene	10.40	9.89	95
Methylene Chloride (DCM)	10.50	9.29	88
TertButanol (TBA)	11.10	12.89	116
Allyl Chloride	10.20	11.04	108
Carbon Disulfide	10.50	10.27	98
Trichlorotrifluoroethane	10.40	9.94	96
rans-1,2-Dichloroethene	10.60	10.75	101
1,1-Dichloroethane	10.50	10.96	104
Methyl Tert Butyl Ether (MTBE)	10.50	11.44	109
Vinyl Acetate	11.00	13.22	120
2-Butanone (MEK)	10.60	10.20	96
cis-1,2-Dichloroethene	10.50	10.60	101
Hexane	10.70	10.46	98
Chloroform	10.60	10.98	104
Ethyl Acetate	10.60	11.97	113
Fetrahydrofuran	10.20	10.06	99
,2-Dichloroethane	10.50	12.44	118
,1,1-Trichloroethane	10.40	11.91	115
Benzene	10.60	10.20	96
Carbon Tetrachloride	10.20	11.85	116
Cyclohexane	10.50	9.52	91

Tanayar de aperatina (de tanatar)	Bource	<u> </u>	170 RECOVERY
1,2-Dichloropropane	10.50	10.21	97
Bromodichloromethane	10.40	11.57	111
1,4-Dioxane	10.40	9.52	92
Trichloroethene (TCE)	10.40	9,90	95
2,2,4-Trimethylpentane	10.00	10.44	104
Methyl Methacrylate	11.00	11.30	103
Heptane	10.50	9.91	94
cis-1,3-Dichloropropene	10.40	10.97	105
4-Methyl-2-pentanone (MiBK)	10.40	10.87	105
trans-1,3-Dichloropropene	10.50	11.53	110
1,1,2-Trichloroethane	10.50	10.09	96
Toluene	10.60	9.98	94
2-Hexanone (MBK)	10.50	11.38	108
Dibromochloromethane	10.30	11.31	110
1,2-Dibromoethane	10,60	10.29	97
Tetrachloroethene (PCE)	10.40	10.21	98
Chlorobenzene	10.60	9.66	91
Ethylbenzene	10.50	10.30	98
m & p-Xylene	21.00	20.35	97
Bromoform	10,50	11.88	113
Styrene	10.50	10.51	100
1,1,2,2-Tetrachloroethane	10.50	9.53	91
o-Xylene	10.50	10.25	98
1,2,3-Trichloropropane	11.00	11.13	101
Isopropylbenzene (Cumene)	10.30	9.72	94
α-Pinene	10.70	10.96	102
2-Chlorotoluene	10.30	9.90	96
n-Propylbenzene	10.10	9.59	95
4-Ethyltoluene	10.30	9.80	95
1,3,5-Trimethylbenzene	10.30	10.16	. 99
β-Pinene LR	11.00	3.42	31
1,2,4-Trimethylbenzene	10.30	9.77	95
Benzyl Chloride (a-Chlorotoluene)	10.40	8.34	80
1,3-Dichlorobenzene	10.40	10.69	103
1,4-Dichlorobenzene	10.30	9.68	94
Sec-ButylBenzene .	10.10	9.51	94
1,2-Dichlorobenzene	10.60	9.86	93
n-ButylBenzene	10.20	9.85	97
1,2-Dibromo-3-Chloropropane	10.10	9.28	92
1,2,4-Trichlorobenzene	11.00	10.50	95
Naphthalene	11.50	10.23	89
Hexachlorobutadiene	11.00	10.38	94

^{* -} β-Pinene results are estimated.

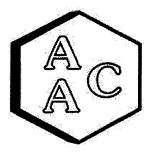
² Measured result from daily Continuing Calibration Verification (CCV).

LR - Recovery for this compound was low. Results should be considered estimated.



¹Concentration of analyte compound in certified source standard.

 $^{^3}$ The acceptable range for analyte recovery is 100 \pm 30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/28/2023

INSTRUMENT ID: GC/MS-04

ANALYST: DL

CALIBRATION STD ID: MS1-051523-01

MATRIX: High Purity N2 UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

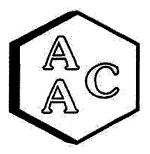
Laboratory Control Spike Analysis

System Monitoring Compounds	Sample	Spike	LCS 1	LCSD 1	LCS ¹	LCSD 1	RPD³
System Mondoring Compounds	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	KFD
4-BFB (surrogate standard)	0.0	9.40	9.83	9.73	105	104	1.0
1,1-Dichloroethene	0.0	10.40	9.89	9.81	95	94	0.8
Methylene Chloride (DCM)	0.0	10.50	9.29	9.16	88	87	1.4
Benzene	0.0	10.60	10.20	10.16	96	96	0.4
Trichloroethene (TCE)	0.0	10.40	9.90	10.02	95	96	1.2
Toluene	0.0	10.60	9.98	10.17	94	96	1.9
Tetrachloroethene (PCE)	0.0	10.40	10.21	10.29	98	99	0.8
Chlorobenzene	0.0	10.60	9.66	9.50	91	90	1.7
Ethylbenzene	0.0	10.50	10.30	10.18	98	97	1.2
m & p-Xylene	0.0	21.00	20.35	20.17	97	96	0.9
o-Xylene	0.0	10.50	10.25	10.17	98	97	0.8

¹ Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/28/2023

INSTRUMENT ID: GC/MS-04

MATRIX: High Purity He or N2

ANALYST: DL

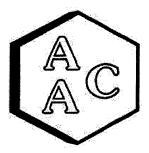
UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 112823	Reporting Limit (RL)
4-BFB (surrogate standard)	100%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5
Allyl Chloride	<rl< td=""><td>1.0</td></rl<>	1.0
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>1.0</td></rl<>	1.0
2-Butanone (MEK)	<rl< td=""><td>1.0</td></rl<>	1.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,1-Trichloroethane	<rl< td=""><td>0,5</td></rl<>	0,5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0.5</td></rl<>	0.5
Cyclohexane	<rl< td=""><td>0.5</td></rl<>	0.5

Analyte Compounds (Continued)	MB 112823	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>1.0</td></rl<>	1.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>1.0</td></rl<>	1.0
Dibromochloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0,5</td></rl<>	0,5
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/28/2023

INSTRUMENT ID: GC/MS-04

MATRIX : Air

ANALYST: DL

UNITS : PPB (v/v)

DILUTION FACTOR¹: x1

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 232458-51768

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	9.77	9.82	0.5
Chlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Propene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dimethyl Ether	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorotetrafluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetaldehyde	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
Methanol	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3-Butadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromomethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethanol	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrolein	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetone	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Propanol (IPA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrylonitrile	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methylene Chloride (DCM)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
TertButanol (TBA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Allyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Disulfide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>ÑΑ</td></srl<></td></srl<>	<srl< td=""><td>ÑΑ</td></srl<>	ÑΑ
trans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Butanone (MEK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrahydrofuran	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Carbon Tetrachloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Cyclohexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
India carried a carried		1.1 A	

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichloroethene (TCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Heptane	<srl< td=""><td><srl< td=""><td>NA NA</td></srl<></td></srl<>	<srl< td=""><td>NA NA</td></srl<>	NA NA
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Toluene	20.8	20.6	0.9
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrachloroethene (PCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chlorobenzene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Ethylbenzene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
m & p-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromoform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Styrene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2,2-Tetrachloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
o-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Isopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
α-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Ethyltoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3,5-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
β-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Sec-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Naphthalene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexachlorobutadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).
SRL - Sample Reporting Limit (minimum)



CHAIN OF CUSTODY RECORD 23レイ&レ

		······	Ventura	7	r	440		- I•	Environmental Inc. 865 Via Lata • Colton, California 92324 (909) 422-1001 Fax (909) 422-0707	Environ: 865 Via Lata • Co (909) 422-1001	
					`	>					
						boratory	Analytical Laboratory				Sample Collector
i me	Date					by. (Signatul	risposed of By. (vigilature)				-
1000	11/28/23					No. (Games	Diemocod of			ethod:	Sample Disposal Method:
Time			Received for Laboratory: (Signature)	for Labo	Received	Time	Date			ignature)	nelinquisned by: (Signature)
Time	Date		nature)	ceived by: (Signature)	Received	Time	Date			ignature)	Relinquished by: (Signature)
Time	Date	·	mature)	by: (Sig	Received by: (Signature)	1005	Date 11/28/23		*	Hul	inclinquisited by. (Signature)
										Signatura	Relinguished by: (6
03528		256100	X	X	Canister	Summa Can	iet s	51790	5489-0280	11-24/28-23	MS-11
1139		00 1969	X	X	ister /	6L Summa Canister	615	51789	1180-0510		M3-06
19505		242100	X	X	Canister	6L Summa Car	665	51788	0742-0753	128-13	MS-10
03608		446100	X	X	Comister	62 Summa Cal	673	51787	0731-0741	11-27/28-23	MS-09
03305	<u> </u>	001785	X	X	mister	66 Summa Counis	3-10	51786	6240-2240		1
000 9660		00 (92)	X	X	mister)	GL Summa Canis	615	51785	0716-0720	11-27/28-23	M5-12
19590		001779	X	X	nister >	61- Summe Canist	615	51787	4040-5040	11-27/2873	MS-0+
Remarks Controller		Canister	70	30,		Type of Sample		Lab Sample Number	Time	Date	Sample No./ Identification
			9/15/	×	4) 	Mult		o Lopez	Alberto
	\		150/1011	. I	No. Of Containers	No		(Signature)			Sampler:(Print)
		154	150x 154				Í	Field Logbook No.			Project No.
		ANALYSES				2	Valencia,		Candfill Air/oder Sampling	1	Chiquita Co
		1	70,11			בו בו	CHAIN OF COSTOUT RECORD	roje	noers/	- 1	Client/Project Name SCS

000

7x cans +

7x coated Entechs



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon Landfill Air/Odor Sampling

AAC PROJECT NO.

: 232462

REPORT DATE

: 11/29/2023

On November 28th 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) Six-Liter Silonite Canisters for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Return Pressure (mmHg)
MS-07	232462-51784	311.5
MS-12	232462-51785	487.5
MS-08	232462-51786	730.5
MS-09	232462-51787	29.0
MS-10	232462-51788	318.5
MS-06	232462-51789	0.0
MS-11	232462-51790	369.5

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. Samples "MS-09" (AAC ID: 232462-51787) and "MS-06" (AAC ID: 232462-51789) were received at nearly/full vacuum. Per client request, these samples were voided and therefore not analyzed. No other problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Technical Director

This report consists of 4 pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232462 MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 11/27-28/2023

RECEIVING DATE: 11/28/2023 ANALYSIS DATE: 11/28/2023

REPORT DATE: 11/29/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-10	MS-11
AAC ID	232462-51784	232462-51785	232462-51786	232462-51788	232462-51790
Canister Dil. Fac.	3.4	2.2	1.5	3,3	2.8
Analyte	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.034	< 0.022	< 0.015	< 0.033	< 0.028
COS / SO2	< 0.034	< 0.022	< 0.015	< 0.033	< 0.028
Methyl Mercaptan	< 0.034	< 0.022	< 0.015	< 0.033	< 0.028
Ethyl Mercaptan	< 0.034	< 0.022	< 0.015	< 0.033	< 0.028
Dimethyl Sulfide	< 0.034	< 0.022	< 0.015	< 0.033	< 0.028
Carbon Disulfide	< 0.034	< 0.022	< 0.015	< 0.033	< 0.028
Isopropyl Mercaptan	< 0.034	< 0.022	< 0.015	< 0.033	< 0.028
tert-Butyl Mercaptan	< 0.034	< 0.022	< 0.015	< 0.033	< 0.028
n-Propyl Mercaptan	< 0.034	< 0.022	< 0.015	< 0.033	< 0.028
Methylethylsulfide	< 0.034	< 0.022	< 0.015	< 0.033	< 0.028
sec-Butyl Mercaptan / Thiophene	< 0.034	< 0.022	< 0.015	< 0.033	< 0.028
iso-Butyl Mercaptan	< 0.034	<.0.022	< 0.015	< 0.033	< 0.028
Diethyl Sulfide	< 0.034	< 0.022	< 0.015	< 0.033	< 0.028
n-Butyl Mercaptan	< 0.034	< 0.022	< 0.015	< 0.033	< 0.028
Dimethyl Disulfide	< 0.034	< 0.022	< 0.015	< 0.033	< 0.028
2-Methylthiophene	< 0.034	< 0.022	< 0.015	< 0.033	< 0.028
3-Methylthiophene	< 0.034	< 0.022	< 0.015	< 0.033	< 0.028
Tetrahydrothiophene	< 0.034	< 0.022	< 0.015	< 0.033	< 0.028
Bromothiophene	< 0.034	< 0.022	< 0.015	< 0.033	< 0.028
Thiophenol	< 0.034	< 0.022	< 0.015	< 0.033	< 0.028
Diethyl Disulfide	< 0.034	< 0.022	< 0.015	< 0.033	< 0.028
Total Unidentified Sulfur	< 0.034	< 0.022	< 0.015	< 0.033	< 0.028
Total Reduced Sulfurs	< 0.034	< 0.022	< 0.015	< 0.033	< 0.028

All unidentified compound's concentrations expressed in terms of $\mathrm{H}_2\mathrm{S}$

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Quality Control/Quality Assurance Report **SCAQMD 307.91**

Date Analyzed: 11/28/2023

Analyst: CM/KM

Units: ppmV

Instrument ID: SCD-BTU Calb. Date: : 6/13/23

Opening Calibration Verification Standard

0.500 ppbV H2S (SS1289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	875	0.503	100.7	3.6
Duplicate	831	0.478	95.6	1.6
Triplicate	827	0.476	95.2	2.0
0.548 ppbV H2S (SS1289	9)		2	
N.C.OIT	D ()	D	0/10	O/ DDD ++++

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	882	0,536	97.9	2.5
Duplicate	907	0.551	100.6	0.2
Triplicate	925	0.562	102.6	2.2

0.479 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	886	0.488	101.9	1.0
Duplicate	886	0.488	102.0	1.0
Triplicate	860	0.474	98.9	2.0

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< td=""></pql<>
DMS	<pql< td=""></pql<>

Duplicate Analysis			Sample ID	231187-45761
Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0

Matrix Spike & Duplicate 231187-45761 x2

Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
Analyte	Conc.	Added	Result	Result	% Rec **	% Rec **	70 KI D
H ₂ S	<pql< th=""><th>0.250</th><th>0.251</th><th>0.246</th><th>100.5</th><th>98.4</th><th>2.0</th></pql<>	0.250	0.251	0.246	100.5	98.4	2.0
MeSH	<pql< td=""><td>0.274</td><td>0.267</td><td>0.277</td><td>97.5</td><td>101.2</td><td>3.7</td></pql<>	0.274	0.267	0.277	97.5	101.2	3.7
DMS	<pql< td=""><td>0.240</td><td>0.235</td><td>0.240</td><td>98.1</td><td>100.2</td><td>2.1</td></pql<>	0.240	0.235	0.240	98.1	100.2	2.1

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.500	0.483	96.6
MeSH	0.548	0.589	107.6
DMS	0.479	0.459	95.8

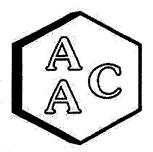
^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.

PQL = 50.0 ppbV

MDL = 1.1 ppbV

						(909) 422-1001 Fax (909) 422-0707	(909) 422-100	
	Ventora	<	AAC			اسات	Environmental	
			tory	Analytical Laboratory				Sample collector
								C C C
Date Time			Signature)	Disposed of by: (Signature)			lethod:	Sample Disposal Method:
11/28/23	Dir in water in man de lange and characteristic de la decembration de la company de la	The second secon	- Landard Control of the Control of					
ture) Date Time	Received for Laboratory: (Signature)	ed for Lab		Date Time			Signature)	Relinquished by: (Signature)
	giiatui e)	increased by (Signature)						
		A bur (Ci	Ò	50/0			Signatura)	Relinguished by: (Signature)
Pare	gnature)	Received by: (Signature)	<u>^</u>	i i			Signature)	Relinquisned by: (Signature)
001952 /03528	X	X	ma Comister	GL Summa	51790	5480-0280	11-27/28-23	M5-11
001969/1139	X	X	na Counister	GL SUMMA	51789	1180-0510	11-77/28-23	M5-06
001942/19505	X	X		COL Summa	51788	0742-0753	11-27/28-23	MS-10
001947 /03608	X	X	Comis	COLSUMMO	51787	0731-0741	11-27/18-23	MS-09
001785/03305	X	X	ma Counister	GL Summa	51786	0722-0729	11-27/28-23	M5-08
00 1921 /000 9100	X	X	61-Summa Comister	(OL-SUM	51785	0716-0720	11-27/28-23	M5-12
001779	X	X	me Camister	OL Somme Canis	51787	1040-5040	11-27/2873	MS-07
Conister Remarks	10/	/ 30°/ X	Type of Sample	8 -1	Lab Sample Number	Time	Date	Sample No./ Identification
	97/5		+		Mul		o Lopez	Alberto
	150/50	Containers /	No. Of Cont		(Signature)			Sampler: (Print)
	1500							
4////					Field Logbook No.			Project No.
ANALYSES			2	Valencia, C		and All Air/oder Sampling	~	Chievata Canyon
	201201	1	CY KITCOKU	CHAIN OF CUSTODY REC	CHAIN C	and the second		Client/Broject No.
	とこって		/:: J))]) :) !)::;;			

00-7x cans + 7x coched Entects



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon Landfill Air/Odor Sampling

AAC PROJECT NO.

: 232515

REPORT DATE

: 12/06/2023

On December 5, 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Return Pressure (mmHga)
MS-07	232515-52014	402.5
MS-12	232515-52015	107.0
MS-08	232515-52016	VOID
MS-09	232515-52017	375.5
MS-10	232515-52018	365.0
MS-06	232515-52019	287.0
MS-11	232515-52020	VOID

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

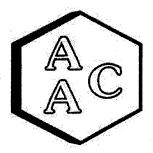
I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. Samples "MS-08" (52016) and "MS-11" (52020) were received with very low sample volume and were voided at the request of the client. No other problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

ucha Parmar, Ph.11 achnical Director

This report consists of 12 pages.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232515 MATRIX: AIR

UNITS: PPB (v/v)

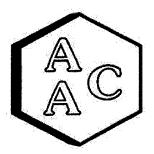
DATE RECEIVED: 12/05/2023

DATE REPORTED: 12/06/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-07		Sample		MS-12		Sample	
AAC ID		232515-520				232515-520			Method
Date Sampled		12/04/202		Reporting		12/04/202		Reporting	Reporting
Date Analyzed		12/05/202	3	Limit		12/05/202	3	Limit	Limit
Can Dilution Factor		2.54		(SRL)		9.61		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>Ü</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>Ü</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	Ü	1	4.80	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>2.54</td><td><srl< td=""><td>U</td><td>1</td><td>9.61</td><td>1.00</td></srl<></td></srl<>	U	1	2.54	<srl< td=""><td>U</td><td>1</td><td>9.61</td><td>1.00</td></srl<>	U	1	9.61	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
Vinyl Chloride	<srl< td=""><td>Ŭ</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>12.7</td><td><srl< td=""><td>U</td><td>1</td><td>48.0</td><td>5.00</td></srl<></td></srl<>	U	1	12.7	<srl< td=""><td>U</td><td>1</td><td>48.0</td><td>5.00</td></srl<>	U	1	48.0	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>11</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	11	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
Ethanol	<srl< td=""><td>U</td><td>1</td><td>5.09</td><td><srl< td=""><td>U</td><td>1</td><td>19.2</td><td>2.00</td></srl<></td></srl<>	U	1	5.09	<srl< td=""><td>U</td><td>1</td><td>19.2</td><td>2.00</td></srl<>	U	1	19.2	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
Acetone	<srl< td=""><td>U</td><td>1</td><td>5.09</td><td><srl< td=""><td>Ü</td><td>1</td><td>19.2</td><td>2.00</td></srl<></td></srl<>	U	1	5.09	<srl< td=""><td>Ü</td><td>1</td><td>19.2</td><td>2.00</td></srl<>	Ü	1	19.2	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
2-Propanol (IPA)	<srl< td=""><td>Ŭ.</td><td>1</td><td>5,09</td><td><srl< td=""><td>Ü</td><td>1</td><td>19.2</td><td>2.00</td></srl<></td></srl<>	Ŭ.	1	5,09	<srl< td=""><td>Ü</td><td>1</td><td>19.2</td><td>2.00</td></srl<>	Ü	1	19.2	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ū</td><td>1</td><td>2.54</td><td><srl< td=""><td>U</td><td>1</td><td>9.61</td><td>1.00</td></srl<></td></srl<>	Ū	1	2.54	<srl< td=""><td>U</td><td>1</td><td>9.61</td><td>1.00</td></srl<>	U	1	9.61	1.00
Allyl Chloride	<srl< td=""><td>Ū</td><td>1</td><td>2.54</td><td><srl< td=""><td>Ü</td><td>1</td><td>9.61</td><td>1.00</td></srl<></td></srl<>	Ū	1	2.54	<srl< td=""><td>Ü</td><td>1</td><td>9.61</td><td>1.00</td></srl<>	Ü	1	9.61	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>5.09</td><td><srl< td=""><td>U</td><td>1</td><td>19.2</td><td>2,00</td></srl<></td></srl<>	U	1	5.09	<srl< td=""><td>U</td><td>1</td><td>19.2</td><td>2,00</td></srl<>	U	1	19.2	2,00
Trichlorotrifluoroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>Ŭ</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	Ŭ	1	4.80	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ü</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>2.54</td><td><srl< td=""><td>U</td><td>1</td><td>9.61</td><td>1.00</td></srl<></td></srl<>	U	1	2.54	<srl< td=""><td>U</td><td>1</td><td>9.61</td><td>1.00</td></srl<>	U	1	9.61	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>2.54</td><td><srl< td=""><td>U</td><td>1</td><td>9.61</td><td>1.00</td></srl<></td></srl<>	U	1	2.54	<srl< td=""><td>U</td><td>1</td><td>9.61</td><td>1.00</td></srl<>	U	1	9.61	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
Chloroform	<srl< td=""><td>Ū</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
Ethyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>1.27</td><td><srl< td=""><td>Ū</td><td>1</td><td>4.80</td><td>0,50</td></srl<></td></srl<>	Ü	1	1.27	<srl< td=""><td>Ū</td><td>1</td><td>4.80</td><td>0,50</td></srl<>	Ū	1	4.80	0,50
Tetrahydrofuran	<srl< td=""><td>Ū</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ū</td><td>ĺ</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	Ū	ĺ	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
Benzene	<srl< td=""><td>Ū</td><td>Ī</td><td>1.27</td><td><srl< td=""><td>Ü</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	Ū	Ī	1.27	<srl< td=""><td>Ü</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	Ü	1	4.80	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232515 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 12/05/2023

DATE REPORTED: 12/06/2023

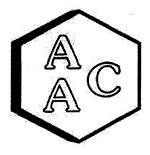
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-07		Sample		MS-12 232515-520	15	Sample	Method
AAC ID		232515-520 12/04/202		Reporting		12/04/202		Reporting	
Date Sampled		12/04/202		Limit		12/04/202		Limit	Reporting
Date Analyzed		2.54	3	(SRL)		9.61	3	(SRL)	Limit
Can Dilution Factor	 			(MRLxDF's)				(MRLxDF's)	(MRL)
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF	/	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>11</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>11</td><td>4.80</td><td>0.50</td></srl<>	U	11	4.80	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>Ü</td><td>11</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>Ü</td><td>11</td><td>4.80</td><td>0.50</td></srl<>	Ü	11	4.80	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>11</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>11</td><td>4.80</td><td>0.50</td></srl<>	U	11	4.80	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>11</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>11</td><td>4.80</td><td>0.50</td></srl<>	U	11	4.80	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.54</td><td><srl_< td=""><td>U</td><td>1</td><td>9.61</td><td>1.00</td></srl_<></td></srl<>	U	1	2.54	<srl_< td=""><td>U</td><td>1</td><td>9.61</td><td>1.00</td></srl_<>	U	1	9.61	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>11</td><td>1.27</td><td><srl< td=""><td>U</td><td>11</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	11	1.27	<srl< td=""><td>U</td><td>11</td><td>4.80</td><td>0.50</td></srl<>	U	11	4.80	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>11</td><td>1.27</td><td><srl_< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl_<></td></srl<>	U	11	1.27	<srl_< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl_<>	U	1	4.80	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>11</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>11</td><td>4.80</td><td>0.50</td></srl<>	U	11	4.80	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>11</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	11	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>11</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>11</td><td>4.80</td><td>0.50</td></srl<>	U	11	4.80	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>11</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>11</td><td>4.80</td><td>0.50</td></srl<>	U	11	4.80	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>11</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>11</td><td>4.80</td><td>0.50</td></srl<>	U	11	4.80	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.54</td><td><srl< td=""><td>U</td><td>1</td><td>9.61</td><td>1.00</td></srl<></td></srl<>	U	1	2.54	<srl< td=""><td>U</td><td>1</td><td>9.61</td><td>1.00</td></srl<>	U	1	9.61	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1,27</td><td><srl< td=""><td>U</td><td>11</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1,27	<srl< td=""><td>U</td><td>11</td><td>4.80</td><td>0.50</td></srl<>	U	11	4.80	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>2.54</td><td><srl< td=""><td>U</td><td>1</td><td>9.61</td><td>1.00</td></srl<></td></srl<>	U	1	2.54	<srl< td=""><td>U</td><td>1</td><td>9.61</td><td>1.00</td></srl<>	U	1	9.61	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>11</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>11</td><td>4.80</td><td>0.50</td></srl<>	U	11	4.80	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4,80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4,80</td><td>0.50</td></srl<>	U	1	4,80	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
1.4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>1.27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.27</td><td><srl< td=""><td>Ü</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.27	<srl< td=""><td>Ü</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	Ü	1	4.80	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>1,27</td><td><srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<></td></srl<>	U	1	1,27	<srl< td=""><td>U</td><td>1</td><td>4.80</td><td>0.50</td></srl<>	U	1	4.80	0.50
BFB-Surrogate Std. % Recovery		95%				96%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 12/05/2023

PROJECT NO: 232515

DATE REPORTED: 12/06/2023

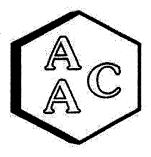
MATRIX : AIR

ANALYST: DL/CH

UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

	MS-09		Sample	
				Method
	12/04/202	3		Reporting
	12/05/202	3	Limit	Limit
	2.71		(SRL)	(MRL)
Result	Qualifier	Analysis DF	(MRLxDF's)	
		1		0.50
		1		1.00
	U	1		0.50
		1		0.50
<srl< td=""><td></td><td>1</td><td></td><td>0,50</td></srl<>		1		0,50
<srl< td=""><td></td><td>1</td><td>1.35</td><td>0.50</td></srl<>		1	1.35	0.50
<srl< td=""><td>U</td><td>1</td><td>13,5</td><td>5.00</td></srl<>	U	1	13,5	5.00
<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	U	1	1.35	0.50
<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	U	1	1.35	0.50
<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	U	1	1.35	0.50
<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	U	1	1.35	0.50
<srl< td=""><td>U</td><td>1</td><td>5.41</td><td>2.00</td></srl<>	U	1	5.41	2.00
<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	U	1	1.35	0.50
		1	5.41	2.00
	Ü	1	1.35	0.50
	Ü	1	5.41	2.00
	Ū	1		0.50
	TJ.	1	1.35	0.50
	U	1	2.71	1.00
	Ü	1		1.00
	Ū	1		2.00
	Ü	1	1.35	0.50
	Ü	1	1.35	0.50
		1		0.50
		1		0.50
	Ü	i		1.00
		1		1.00
		i		0.50
	Ŭ	i		0.50
		i		0.50
		- î		0.50
		1		0.50
				0.50
				0.50
		i		0.50
	SRL SRL	232515-520	232515-52017 12/04/2023 12/05/2023 2.71 Result Qualifier Analysis DF SRL U 1	12/04/2023 12/05/2023 12/05/2023 12/05/2023 1.5ming 1.



Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 12/05/2023

PROJECT NO: 232515

DATE REPORTED: 12/06/2023

MATRIX : AIR

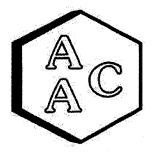
ANALYST: DL/CH

UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-09		Sample	
AAC ID		232515-520		Reporting	Method
Date Sampled		12/04/202			Reporting
Date Analyzed		12/05/202	3	Limit	Limit
Can Dilution Factor		2.71		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	`
Carbon Tetrachloride	<srl< td=""><td>U</td><td>11</td><td>1.35</td><td>0.50</td></srl<>	U	11	1.35	0.50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>1.35</td><td>0.50</td></srl<>	U	11	1.35	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>1.35</td><td>0.50</td></srl<>	U	11	1.35	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	U	1	1.35	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>1.00</td></srl<>	U	1	2.71	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	U	1	1.35	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	U	1	1.35	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	U	1	1.35	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	U	1	1.35	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	U	1	1.35	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	U	1	1.35	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	Ū	1	1.35	0.50
Toluene	2.03		1	1.35	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>1.00</td></srl<>	U	1	2.71	1.00
Dibromochloromethane	<srl< td=""><td>Ŭ</td><td>, 1</td><td>1.35</td><td>0.50</td></srl<>	Ŭ	, 1	1.35	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	U	1	1.35	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	U	1	1.35	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	U	1	1.35	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	U	1	1.35	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>2.71</td><td>1.00</td></srl<>	U	1	2.71	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	U	1	1.35	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	U	1	1.35	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	U	1	1.35	0.50
o-Xvlene	<srl< td=""><td>U</td><td>. 1</td><td>1.35</td><td>0.50</td></srl<>	U	. 1	1.35	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	U	1	1.35	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	U	1	1.35	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	U	1	1.35	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	U	1	1.35	0.50
1.3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	U	1	1.35	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	Ü	1	1.35	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	Ü	1	1.35	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.35</td><td>0.50</td></srl<>	Ü	1	1.35	0.50
Hexachlorobutadiene	<srl< td=""><td>Ū</td><td>11</td><td>1.35</td><td>0.50</td></srl<>	Ū	11	1.35	0.50
BFB-Surrogate Std. % Recovery		96%			70-130%

U - Compound was not detected at or above the SRL.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232515

MATRIX : AIR
UNITS : PPB (v/v)

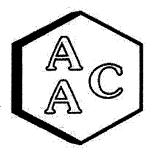
DATE RECEIVED: 12/05/2023

DATE REPORTED: 12/06/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

	MS-10				MS-06		0 1	
)18				19		Method
			Reporting		12/04/202	3		Reporting
			Limit		12/05/202	3	Limit	Limit
	2.79		(SRL)		3.58		(SRL)	(MRL)
Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MKL)
<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	U	1	1.79	0.50
	U	1				1		1.00
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1				1		0.50
		1				1		0.50
	U	1				1		0.50
<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50
<srl< td=""><td>U</td><td>1</td><td>13.9</td><td><srl< td=""><td></td><td>11</td><td></td><td>5.00</td></srl<></td></srl<>	U	1	13.9	<srl< td=""><td></td><td>11</td><td></td><td>5.00</td></srl<>		11		5.00
<srl< td=""><td>Ü</td><td>1</td><td>1.39</td><td><srl< td=""><td></td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.39	<srl< td=""><td></td><td>1</td><td>1.79</td><td>0.50</td></srl<>		1	1.79	0.50
<srl< td=""><td>U</td><td>. 1</td><td>1.39</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	. 1	1.39	<srl< td=""><td>Ŭ</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	Ŭ	1	1.79	0.50
<srl< td=""><td>Ü</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.39	<srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	U	1	1.79	0.50
<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	U	1	1.79	0.50
<srl< td=""><td>, U</td><td>1</td><td>5.58</td><td><srl< td=""><td>U</td><td>1</td><td>7.15</td><td>2.00</td></srl<></td></srl<>	, U	1	5.58	<srl< td=""><td>U</td><td>1</td><td>7.15</td><td>2.00</td></srl<>	U	1	7.15	2.00
<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	U	1	1.79	0.50
	7	1	5.58	<srl< td=""><td>U</td><td>1</td><td>7.15</td><td>2.00</td></srl<>	U	1	7.15	2.00
<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>Ü</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	Ü	1	1.79	0.50
<srl< td=""><td>U</td><td>i</td><td>5.58</td><td><srl< td=""><td>U</td><td>1</td><td>7.15</td><td>2,00</td></srl<></td></srl<>	U	i	5.58	<srl< td=""><td>U</td><td>1</td><td>7.15</td><td>2,00</td></srl<>	U	1	7.15	2,00
<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>Ü</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	Ü	1	1.79	0.50
	Ü	1	1.39	<srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	U	1	1.79	0.50
	U	1	2.79	<srl< td=""><td>U</td><td>1</td><td>3.58</td><td>1.00</td></srl<>	U	1	3.58	1.00
	U	1 <u>1</u>			Ü	1	3.58	1.00
<srl< td=""><td>Ū</td><td>1</td><td>5.58</td><td><srl< td=""><td>U</td><td>1</td><td>7.15</td><td>2.00</td></srl<></td></srl<>	Ū	1	5.58	<srl< td=""><td>U</td><td>1</td><td>7.15</td><td>2.00</td></srl<>	U	1	7.15	2.00
<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	U	1	1.79	0.50
<srl< td=""><td>Ü</td><td>1</td><td>1.39</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.39	<srl< td=""><td>Ū</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	Ū	1	1.79	0.50
<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	U	1	1.79	0.50
	Ū	1	1.39	<srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	U	1	1.79	0.50
	Ū	1	2.79	<srl< td=""><td>U</td><td>1</td><td>3.58</td><td>1.00</td></srl<>	U	1	3.58	1.00
	IJ	i				1	3.58	1.00
		1				1	1.79	0.50
<srl< td=""><td>Ü</td><td>1</td><td>1.39</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.39	<srl< td=""><td>Ū</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	Ū	1	1.79	0.50
<srl< td=""><td>Ü</td><td>i</td><td>1.39</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	Ü	i	1.39	<srl< td=""><td>Ü</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	Ü	1	1.79	0.50
	U	1			Ü	1	1.79	0.50
<srl< td=""><td>Ü</td><td>1</td><td>1.39</td><td><srl< td=""><td>Ŭ</td><td>Ĩ</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.39	<srl< td=""><td>Ŭ</td><td>Ĩ</td><td>1.79</td><td>0.50</td></srl<>	Ŭ	Ĩ	1.79	0.50
<srl< td=""><td>Ü</td><td>1</td><td>1.39</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.39	<srl< td=""><td>Ü</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	Ü	1	1.79	0.50
		1				i	1.79	0.50
	Ü	i i	1.39		Ü	i	1.79	0.50
	SRL SRL	232515-520 12/04/202 12/05/202 12/05/202 2.79 Result Qualifier SRL U SRL U	12/04/2023 12/05/2023 12/	12/04/2023 Care C	12/04/2023 Reporting Limit SRL	12/04/2023 12/05/2023 12/	232515-52018 Reporting 12/04/2023 Limit 12/05/2023 Limit (SRL) 3.58	232515-52018 Reporting 12/04/2023 Limit 12/05/2023 Limit 12/05/2023 Limit 12/05/2023 Limit (SRL) 3.58 Limit (SRL) 3.58 Limit (SRL) (SRL) 3.58 Limit (SRL) (SRL) 3.58 Limit (SRL) (



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232515

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 12/05/2023

DATE REPORTED: 12/06/2023

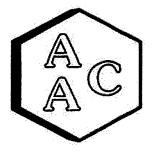
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-10		Sample		MS-06	10	Sample	Method
AAC ID	, I.,	232515-520		Reporting		232515-520		Reporting	
Date Sampled		12/04/202		Limit		12/04/202 12/05/202		Limit	Reporting
Date Analyzed		12/05/202	3	(SRL)		3,58	3	(SRL)	Limit
Can Dilution Factor		2.79	· · · · · · · · · · · · · · · · · · ·	4			I	(MRLxDF's)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	<u> </u>	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	U	1	1.79	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td><u> </u></td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>U</td><td><u> </u></td><td>1.79</td><td>0.50</td></srl<>	U	<u> </u>	1.79	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	U	1	1.79	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td><u> </u></td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>U</td><td><u> </u></td><td>1.79</td><td>0.50</td></srl<>	U	<u> </u>	1.79	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.79</td><td><srl< td=""><td>Ŭ</td><td>11</td><td>3.58</td><td>1.00</td></srl<></td></srl<>	U	1	2.79	<srl< td=""><td>Ŭ</td><td>11</td><td>3.58</td><td>1.00</td></srl<>	Ŭ	11	3.58	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>11</td><td>1.39</td><td><srl< td=""><td>U</td><td>11</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	11	1.39	<srl< td=""><td>U</td><td>11</td><td>1.79</td><td>0.50</td></srl<>	U	11	1.79	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>Ü</td><td><u> </u></td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>Ü</td><td><u> </u></td><td>1.79</td><td>0.50</td></srl<>	Ü	<u> </u>	1.79	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td><u> </u></td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>U</td><td><u> </u></td><td>1.79</td><td>0.50</td></srl<>	U	<u> </u>	1.79	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>11</td><td>1.39</td><td><srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	11	1.39	<srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	U	1	1.79	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ŭ</td><td>11</td><td>1.39</td><td><srl< td=""><td>U</td><td>11</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	Ŭ	11	1.39	<srl< td=""><td>U</td><td>11</td><td>1.79</td><td>0.50</td></srl<>	U	11	1.79	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>11</td><td>1.79</td><td>0,50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>U</td><td>11</td><td>1.79</td><td>0,50</td></srl<>	U	11	1.79	0,50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>11</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>U</td><td>11</td><td>1.79</td><td>0.50</td></srl<>	U	11	1.79	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	U	1	1.79	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.79</td><td><srl< td=""><td>U</td><td>1</td><td>3.58</td><td>1.00</td></srl<></td></srl<>	U	1	2.79	<srl< td=""><td>U</td><td>1</td><td>3.58</td><td>1.00</td></srl<>	U	1	3.58	1.00
Dibromochloromethane	<srl< td=""><td>Ū</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.39	<srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	U	1	1.79	0.50
1,2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.39	<srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	U	1	1.79	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	U	1	1.79	0.50
Chlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>. 1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.39	<srl< td=""><td>U</td><td>. 1</td><td>1.79</td><td>0.50</td></srl<>	U	. 1	1.79	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	U	1	1.79	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>2.79</td><td><srl< td=""><td>U</td><td>1</td><td>3.58</td><td>1.00</td></srl<></td></srl<>	U	1	2.79	<srl< td=""><td>U</td><td>1</td><td>3.58</td><td>1.00</td></srl<>	U	1	3.58	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	U	1	1.79	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>1 .</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>U</td><td>1 .</td><td>1.79</td><td>0.50</td></srl<>	U	1 .	1.79	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>Ū</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>1</td><td>1,79</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.39	<srl< td=""><td>U</td><td>1</td><td>1,79</td><td>0.50</td></srl<>	U	1	1,79	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	U	1	1.79	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>Ü</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	Ü	1	1.79	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>i</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>U</td><td>i</td><td>1.79</td><td>0.50</td></srl<>	U	i	1.79	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.39	<srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	U	1	1.79	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>i</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>U</td><td>i</td><td>1.79</td><td>0.50</td></srl<>	U	i	1.79	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>ī</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>U</td><td>ī</td><td>1.79</td><td>0.50</td></srl<>	U	ī	1.79	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.39</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.79</td><td>0,50</td></srl<></td></srl<>	Ŭ	1	1.39	<srl< td=""><td>Ŭ</td><td>1</td><td>1.79</td><td>0,50</td></srl<>	Ŭ	1	1.79	0,50
1,2-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.39	<srl< td=""><td>U</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	U	1	1.79	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>ĺ</td><td>1.39</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.79</td><td>0.50</td></srl<></td></srl<>	Ü	ĺ	1.39	<srl< td=""><td>Ū</td><td>1</td><td>1.79</td><td>0.50</td></srl<>	Ū	1	1.79	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>ĺ</td><td>1.39</td><td><srl< td=""><td>U</td><td>11</td><td>1,79</td><td>0.50</td></srl<></td></srl<>	Ü	ĺ	1.39	<srl< td=""><td>U</td><td>11</td><td>1,79</td><td>0.50</td></srl<>	U	11	1,79	0.50
BFB-Surrogate Std. % Recovery	× 1.117	96%				96%			70-130%

U - Compound was not detected at or above the SRL.





Analyte Compounds (Continued)

1,2-Dichloropropane

Bromodichloromethane

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 12/05/2023

MATRIX: High Purity N2

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-04

CALIBRATION STD ID: MS1-112823-01

ANALYST: DL

Source 1

10.70

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 11/30/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery 3
4-BFB (surrogate standard)	9.40	9.47	101
Chlorodifluoromethane	10.30	9.85	96
Propene	10.70	9.75	91
Dichlorodifluoromethane	10.40	10.56	102
Dimethyl Ether	10.20	9.31	91
Chloromethane	10.50	9.53	91
Dichlorotetrafluoroethane	10.20	10.23	100
Vinyl Chloride	10.60	10.07	95
Acetaldehyde	21.00	19.71	94
Methanol	. 19.00	21.18	111
1,3-Butadiene	10.70	10.58	99
Bromomethane	10.40	9.97	96
Chloroethane	10.40	9.70	93
Dichlorofluoromethane	10.20	9.89	97
Ethanol	11.40	10.92	96
Vinyl Bromide	10.10	10.12	100
Acrolein	10.90	10.82	99
Acetone	10.60	10.16	96
Trichlorofluoromethane	10.50	10.23	97
2-Propanol (IPA)	11.00	10.37	94
Acrylonitrile	11.00	11.54	105
1,1-Dichloroethene	10.50	10.28	98
Methylene Chloride (DCM)	10.40	10.19	98
TertButanol (TBA)	11.10	10.37	93
Allyl Chloride	10.20	9.68	95
Carbon Disulfide	10.50	10.19	97
Trichlorotrifluoroethane	10.30	10.03	. 97
trans-1,2-Dichloroethene	10.80	10.65	- 99
1,1-Dichloroethane	10.70	10.37	97
Methyl Tert Butyl Ether (MTBE)	10.70	10.06	94
Vinyl Acetate	11.00	10.61	96
2-Butanone (MEK)	10.70	10.05	94
cis-1,2-Dichloroethene	10.70	10.76	101
Hexane	10.80	10.81	100
Chloroform	10.70	10.41	97
Ethyl Acetate	10.70	9.96	93
Tetrahydrofuran	10.40	9.72	93
1,2-Dichloroethane	10.60	10.34	98
1,1,1-Trichloroethane	10.50	9.93	95
Benzene	10.70	10.47	98
Carbon Tetrachloride	10.30	9.94	97
Cyclohexane	10.50	10.32	98

	10.00		
1,4-Dioxane	10.50	10.07	. 96
Trichloroethene (TCE)	10.50	10,06	96
2,2,4-Trimethylpentane	10.10	9.61	95
Methyl Methacrylate	11.00	10.92	99
Heptane	10,50	10.47	100
cis-1,3-Dichloropropene	10.50	10.09	96
4-Methyl-2-pentanone (MiBK)	10,50	9.81	93
trans-1,3-Dichloropropene	10.60	10,31	97
1,1,2-Trichloroethane	10.60	10.32	97
Toluene	10.80	10.53	98
2-Hexanone (MBK)	10.50	10.01	95
Dibromochloromethane	10.60	9.98	94
1,2-Dibromoethane	10.60	10.31	97
Tetrachloroethene (PCE)	10.50	10.09	96
Chlorobenzene	10.80	10.35	96
Ethylbenzene	10.60	10.44	98
m & p-Xylene	21.20	20.43	96
Bromoform	10.60	10.32	97
Styrene	10.60	10.55	100
1,1,2,2-Tetrachloroethane	10.60	10.10	95
o-Xylene	10.60	10.33	97
1,2,3-Trichloropropane	11.00	10.86	99
Isopropylbenzene (Cumene)	10.40	10.11	97
α-Pinene	10.80	9.27	86
2-Chlorotoluene	10.30	10.32	100
n-Propylbenzene	10.10	9.91	98
4-Ethyltoluene	10.40	10.17	98
1,3,5-Trimethylbenzene	10.30	9.98	97
β-Pinene	10.90	12.46	114
1,2,4-Trimethylbenzene	10.30	9.91	96
Benzyl Chloride (a-Chlorotoluene)	10.30	8.87	. 86
1,3-Dichlorobenzene	10.30	10.14	98
l,4-Dichlorobenzene	10.20	9.98	98
Sec-ButylBenzene	10.10	9.68	96
1,2-Dichlorobenzene	10.40	10.48	101
n-ButylBenzene	10.30	9.69	94
1,2-Dibromo-3-Chloropropane	10.30	9.37	91
1,2,4-Trichlorobenzene	10.50	10.35	99
Naphthalene	10.90	11.47	105
Hexachlorobutadiene	10.80	9.68	90

¹Concentration of analyte compound in certified source standard. * - β-Pinene results are estimated.





% Recovery

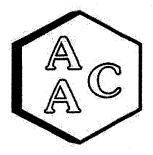
 CCV^2

10.06

10.21

 $^{^2\,\}mathrm{Measured}$ result from daily Continuing Calibration Verification (CCV).

 $^{^3}$ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 12/05/2023

INSTRUMENT ID: GC/MS-04

MATRIX: High Purity N2

CALIBRATION STD ID: MS1-112823-01

UNITS: PPB (v/v)

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

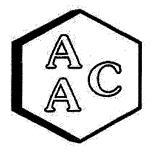
	Sample	Spike	LCS ¹	LCSD 1	LCS ¹	LCSD 1	RPD³
System Monitoring Compounds	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	KPD
4-BFB (surrogate standard)	0.0	9.40	9.47	9.59	101	102	1.3
1,1-Dichloroethene	0.0	10.50	10.28	10.69	98	102	3.9
Methylene Chloride (DCM)	0.0	10.40	10.19	10.16	98	98	0.3
Benzene	0.0	10.70	10.47	10.39	98	97	0.8
Trichloroethene (TCE)	0.0	10.50	10.06	10.05	96	96	0.1
Toluene	0.0	10.80	10.53	10.45	98	97	0.8
Tetrachloroethene (PCE)	0.0	10.50	10.09	10.16	96	97	0.7
Chlorobenzene	0.0	10.80	10.35	10.36	96	96	~ 0.1
Ethylbenzene	0.0	10.60	10.44	10.25	98	97	1.8
m & p-Xylene	0.0	21.20	20.43	20.01	96	94	2.1
o-Xylene	0.0	10.60	10.33	10.15	97	96	1.8

¹Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)



² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 12/05/2023

INSTRUMENT ID: GC/MS-04

MATRIX: High Purity He or N2

ANALYST: DL

UNITS: PPB (v/v)

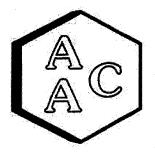
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 120523	Reporting Limit (RL)
4-BFB (surrogate standard)	0%	100±30%
Chlorodifluoromethane	<rl< td=""><td>5.0</td></rl<>	5.0
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>0,5</td></rl<>	0,5
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5
Allyl Chloride	<rl< td=""><td>1.0</td></rl<>	1.0
Carbon Disulfide	. <rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
2-Butanone (MEK)	<rl< td=""><td>1.0</td></rl<>	1.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0,5</td></rl<>	0,5
Cyclohexane	<rl< td=""><td>0.5</td></rl<>	0.5

Analyte Compounds (Continued)	MB 120523	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>1.0</td></rl<>	1.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>1.0</td></rl<>	1.0
Dibromochloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5





QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 12/05/2023

MATRIX : Air

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-04

ANALYST: DL

DILUTION FACTOR¹: x2.54

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 232515-52014

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	8.97	8.98	0.1
Chlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Propene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dimethyl Ether	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorotetrafluoroethane	<srl< td=""><td><srl< td=""><td>NA[′]</td></srl<></td></srl<>	<srl< td=""><td>NA[′]</td></srl<>	NA [′]
Vinyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetaldehyde	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
Methanol	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,3-Butadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromomethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethanol J	3.26	3.41	4.6
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrolein	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetone	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
2-Propanol (IPA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrylonitrile	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Methylene Chloride (DCM)	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
TertButanol (TBA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Allyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Disulfide	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Trichlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
trans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td><srl< td=""><td>. NA</td></srl<></td></srl<>	<srl< td=""><td>. NA</td></srl<>	. NA
Vinyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Butanone (MEK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroform	<srl< td=""><td><srl< td=""><td>N,A</td></srl<></td></srl<>	<srl< td=""><td>N,A</td></srl<>	N,A
Ethyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrahydrofuran	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Tetrachloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Cyclohexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichloroethene (TCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Heptane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
1,1,2-Trichloroethane	<srl< td=""><td><srl< td=""><td>. NA</td></srl<></td></srl<>	<srl< td=""><td>. NA</td></srl<>	. NA
Toluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrachloroethene (PCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethylbenzene .	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
m & p-Xylene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Bromoform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Styrene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2,2-Tetrachloroethane	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
o-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Isopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
α-Pinene	<srl< td=""><td><srl< td=""><td>" NA</td></srl<></td></srl<>	<srl< td=""><td>" NA</td></srl<>	" NA
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
4-Ethyltoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3,5-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
β-Pinene	<srl_< td=""><td><srl< td=""><td>NA</td></srl<></td></srl_<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>- NA</td></srl<></td></srl<>	<srl< td=""><td>- NA</td></srl<>	- NA
1,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Sec-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
n-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
1,2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Naphthalene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexachlorobutadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

J - Estimated value between the detection limit and the minimum reporting limit, shown for duplication purposes only.



² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

232515

_	•
r Sampling Valencia, CA	ANALYSES
Field Logbook No.	A / /
	\(\frac{1}{2}\)
Sampler: (Print) (Signature) No. Of Containers (Signature)	\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
\ \ \	Canistey Remarks
	00 1839
X	2
M5-08 12-4/5-23 6705-0724 52016° (ot Summa Conistor XX)	001803/05097
X X	001964/19593
018 GL Summe Canishy XX	
X	001796/19511
M5-11 12-4/5-23 0800-0832 52020 UL Summa Conjeter XX	15050/ 6/18/00
12/5/23 0942 neceived by: (Signature)	Vace
Relinquished by: (Signature) Date Time Received by: (Signature)	Date Time
Relinquished by: (Signature) Date Time Received for Asboratory: (Signature)	Date
	12/5/23 0942
Sample Disposal Method: Disposed of by: (Signature)	Date Time
Sample Collector Analytical Laboratory	
<u></u>	
Environmental Inc. 865 Via Lata・Colton, California 92324 (909) 422-1001 Fax (909) 422-0707	
Te siles + Te control Entech FC DIO	



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon Landfill Air/Odor Sampling

AAC PROJECT NO.

: 232515

REPORT DATE

: 12/06/2023

On December 5TH 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) six-Liter Silonite Canisters for Total Reduced Sulfur analysis by SCAQMD 307.19. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Return Pressure (mmHg)
MS-07	232515-52014	402.5
MS-12	232515-52015	107.0
MS-08	232515-52016	N/A
MS-09	232515-52017	375.5
MS-10	232515-52018	365.0
MS-06	232515-52019	287.0
MS-11	232515-52020	N/A

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. Samples "MS-08" (52016) and "MS-11" (52020) were received with very low sample volume and were voided at the request of the client. No other problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sudha Parmar, Ph/I Technical Director

This report consists of 4 pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232515

MATRIX: AIR UNITS: ppmv **SAMPLING DATE: 12/04-05/2023**

RECEIVING DATE: 12/05/2023 **ANALYSIS DATE: 12/05/2023**

REPORT DATE: 12/06/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-09	MS-10	MS-06	
AAC ID	232515-52014	232515-52015 232515-52017		232515-52018	232515-52019	
Canister Dil. Fac.	2.5	9.6 2.7		2.8	3.6	
Analyte	Result	Result	Result	Result	Result	
Hydrogen Sulfide	< 0.025	< 0.096	< 0.027	< 0.028	< 0.036	
COS / SO2	< 0.025	< 0.096	< 0.027	< 0.028	< 0.036	
Methyl Mercaptan	< 0.025	< 0.096	< 0.027	< 0.028	< 0.036	
Ethyl Mercaptan	< 0.025	< 0.096	< 0.027	< 0.028	< 0.036	
Dimethyl Sulfide	< 0.025	< 0.096	< 0.027	< 0.028	< 0.036	
Carbon Disulfide	< 0.025	< 0.096	< 0.027	< 0.028	< 0.036	
Isopropyl Mercaptan	< 0.025	< 0.096	< 0.027	< 0.028	< 0.036	
tert-Butyl Mercaptan	< 0.025	< 0.096	< 0.027	< 0.028	< 0.036	
n-Propyl Mercaptan	< 0.025	< 0.096	< 0.027	< 0.028	< 0.036	
Methylethylsulfide	< 0.025	< 0.096	< 0.027	< 0.028	< 0.036	
sec-Butyl Mercaptan / Thiophene	< 0.025	< 0.096	< 0.027	< 0.028	< 0.036	
iso-Butyl Mercaptan	< 0.025	< 0.096	< 0.027	< 0.028	< 0.036	
Diethyl Sulfide	< 0.025	< 0.096	< 0.027	< 0.028	< 0.036	
n-Butyl Mercaptan	< 0.025	< 0.096	< 0.027	< 0.028	< 0.036	
Dimethyl Disulfide	< 0.025	< 0.096	< 0.027	< 0.028	< 0.036	
2-Methylthiophene	< 0.025	< 0.096	< 0.027	< 0.028	< 0.036	
3-Methylthiophene	< 0.025	< 0.096	< 0.027	< 0.028	< 0.036	
Tetrahydrothiophene	< 0.025	< 0.096	< 0.027	< 0.028	< 0.036	
Bromothiophene	< 0.025	< 0.096	< 0.027	< 0.028	< 0.036	
Thiophenol	< 0.025	< 0.096	< 0.027	< 0.028	< 0.036	
Diethyl Disulfide	< 0.025	< 0.096	< 0.027	< 0.028	< 0.036	
Total Unidentified Sulfur	< 0.025	< 0.096	< 0.027	< 0.028	< 0.036	
Total Reduced Sulfurs	< 0.025	< 0.096	< 0.027	< 0.028	< 0.036	

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 12/5/2023

Analyst: CM/KM Units: ppmV Instrument ID: SCD-BTU Calb. Date: : 6/13/23

Opening Calibration Verification Standard

0.500 ppbV H2S (SS1289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	830	0.478	95.6	0.3
Duplicate	826	0.475	95.1	0.8
Triplicate	843	0.485	97.0	1.1

0.548 ppbV H2S (SS1289)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	885	0.538	98.2	2.5
Duplicate	920	0.559	102.1	1.3
Triplicate	919	0.558	102.0	1.2

0.479 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	874	0.482	100.6	2.0
Duplicate	836	0.461	96.2	2.5
Triplicate	862	0.475	99.2	0.5

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< th=""></pql<>

Duplicate Analysis

Duplicate Analysi	3		Sample 1D	23110/-43/01
Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0

Matrix Spike & Duplicate 231187-45761 x2

Analyte	Sample	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
	Conc.	Auded	Resuit	Result	% Rec ""	% Rec ""	l
H ₂ S	<pql< td=""><td>0.250</td><td>0.268</td><td>0.253</td><td>107.3</td><td>101.3</td><td>5.8</td></pql<>	0.250	0.268	0.253	107.3	101.3	5.8
MeSH	<pql< td=""><td>0.274</td><td>0.290</td><td>0.294</td><td>105.9</td><td>107.4</td><td>1.4</td></pql<>	0.274	0.290	0.294	105.9	107.4	1.4
DMS	<pql< td=""><td>0.240</td><td>0.235</td><td>0.233</td><td>98.1</td><td>97.3</td><td>0.9</td></pql<>	0.240	0.235	0.233	98.1	97.3	0.9

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.500	0.485	97.0
MeSH	0.548	0.558	101.9
DMS	0.479	0.445	92.9

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD from Mean result.

PQL = 50.0 ppbV

MDL = 1.1 ppbV

スマス ≤ \ S CHAIN OF CUSTODY RECORD

		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		<u> </u>	865 Via Lata • Colton, California 92324 (909) 422-1001 Fax (909) 422-0707	865 Via Lata • (909) 422-10	
			カカウ		imental Inc	Environ	
					3		
			Analytical Laboratory	Analyt			Sample Collector
Date Time			Disposed of by: (Signature)	Dispos		Method:	Sample Disposal Method:
12/5/23 CM2		A Company of the Comp					
Date Time	(Signature)	Received for Laboratory: (Signature)	lime &	Date	((Signature)	Relinquished by: (Signature)
Date Time		Received by: (Signature)	Time	Date		(Signature)	Relinquished by: (Signature)
			123 0944	12/5/		Jec. 1	
Date Time)	Received by: (Signature)	Time			(Signature)	Relinquished by: (Signature)
	CC.	X	UL Summa Compstor	52020	0800-6832	12-4/5-13	イベーニ
001796/19511	00	ž X	OL Summer Couriste	2019	0738-0800	12-4/5-23	M5-06
00.732/19507	00	STEEL N	Col Summa Capish	52018	SH-0-1240	12-4/5-23	M5-10
001964 / 19593	00	X	OL Summa Courster	52017	0716-0735	12-4/5-23	M5-09
3/	00	T X	Col Summar Comisto	52016	0.405-0.474	12-4/5-73	M5-08
/ c	001	XX	LOL Summa Canister	52015	0659-077	12-4/5-23	MS-12
001839 /19513		X	OL Summer Camister	52014	0652-0703	12-4/5-23	M5-07
Canister Remarks		130 10	Type of Sample	Lab Sample Number	Time	Date	Sample No./ Identification
	97/5 5	, \ <u> </u>		Mufac		a robit	Allerto
		No. Of Containers	No. O	(Signature)		-	Sampler: (Print)
	Ger Got			TIGIR LOGBOOK NO.			
	AITABION				the Anterior sompling	Canyon Landon	Project 20
	ANAIVES		Calleria (A	Project Location			. 2
			CUSTODT RECC	19			£1:1/B:-1 N

-

eset.



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon Landfill Air/Odor Sampling

AAC PROJECT NO.

: 232580

REPORT DATE

: 12/14/2023

On December 12, 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

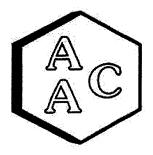
Client ID	Lab ID	Return Pressure (mmHga)
MS-07	232580-52450	507.0
MS-12	232580-52451	574.0
MS-08	232580-52452	324.0
MS-09	232580-52453	392.5
MS-10	232580-52454	524.5
MS-06	232580-52455	331.0
MS-11	232580-52456	519.0

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAOMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232580

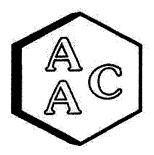
MATRIX : AIR UNITS: PPB (v/v) **DATE RECEIVED: 12/12/2023**

DATE REPORTED: 12/14/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-07		T T		MS-12		Campula	
AAC ID		232580-524	50	Sample		232580-524	51	Sample	Method
Date Sampled	1	12/11/202		Reporting		12/11/202	3	Reporting	Reporting
Date Analyzed	1	12/12/202		Limit		12/12/202	3	Limit	Limit
Can Dilution Factor	T	2.02		(SRL)		1.78		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>Ü</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	Ü	1	0.89	0.50
Propene	<srl< td=""><td>U</td><td>11</td><td>2.02</td><td><srl< td=""><td>U</td><td>1</td><td>1.78</td><td>1.00</td></srl<></td></srl<>	U	11	2.02	<srl< td=""><td>U</td><td>1</td><td>1.78</td><td>1.00</td></srl<>	U	1	1.78	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>11</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>11</td><td>0.89</td><td>0.50</td></srl<>	U	11	0.89	0.50
Chloromethane	<srl< td=""><td>U</td><td>. 1</td><td>1.01</td><td><srl< td=""><td>U</td><td>11</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	. 1	1.01	<srl< td=""><td>U</td><td>11</td><td>0.89</td><td>0.50</td></srl<>	U	11	0.89	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>11</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>11</td><td>0.89</td><td>0.50</td></srl<>	U	11	0.89	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>10.1</td><td><srl< td=""><td>U</td><td>1</td><td>8.91</td><td>5.00</td></srl<></td></srl<>	U	1	10.1	<srl< td=""><td>U</td><td>1</td><td>8.91</td><td>5.00</td></srl<>	U	1	8.91	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
Bromomethane	<srl< td=""><td>Ū</td><td>1</td><td>1,01</td><td><srl< td=""><td>U</td><td>11</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	Ū	1	1,01	<srl< td=""><td>U</td><td>11</td><td>0.89</td><td>0.50</td></srl<>	U	11	0.89	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>11</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>11</td><td>0.89</td><td>0.50</td></srl<>	U	11	0.89	0.50
Ethanol	6.62		1	4.04	5.74		1	3.56	2.00
Vinyl Bromide	<srl< td=""><td>Ū</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
Acetone	<srl< td=""><td>Ū</td><td>1</td><td>4.04</td><td>3.74</td><td></td><td>1</td><td>3.56</td><td>2.00</td></srl<>	Ū	1	4.04	3.74		1	3.56	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
2-Propanol (IPA)	<srl< td=""><td>Ŭ</td><td>1</td><td>4,04</td><td><srl< td=""><td>U</td><td>1</td><td>3.56</td><td>2.00</td></srl<></td></srl<>	Ŭ	1	4,04	<srl< td=""><td>U</td><td>1</td><td>3.56</td><td>2.00</td></srl<>	U	1	3.56	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>2.02</td><td><srl< td=""><td>U</td><td>1</td><td>1.78</td><td>1.00</td></srl<></td></srl<>	U	1	2.02	<srl< td=""><td>U</td><td>1</td><td>1.78</td><td>1.00</td></srl<>	U	1	1.78	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>2.02</td><td><srl< td=""><td>U</td><td>1</td><td>1.78</td><td>1.00</td></srl<></td></srl<>	U	1	2.02	<srl< td=""><td>U</td><td>1</td><td>1.78</td><td>1.00</td></srl<>	U	1	1.78	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>11</td><td>4.04</td><td><srl< td=""><td>U</td><td>11</td><td>3,56</td><td>2.00</td></srl<></td></srl<>	U	11	4.04	<srl< td=""><td>U</td><td>11</td><td>3,56</td><td>2.00</td></srl<>	U	11	3,56	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0,89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0,89</td><td>0.50</td></srl<>	U	1	0,89	0.50
Vinvl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>2.02</td><td><srl< td=""><td>U</td><td>1</td><td>1.78</td><td>1.00</td></srl<></td></srl<>	U	1	2.02	<srl< td=""><td>U</td><td>1</td><td>1.78</td><td>1.00</td></srl<>	U	1	1.78	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>Ü</td><td>11</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>Ü</td><td>11</td><td>0.89</td><td>0.50</td></srl<>	Ü	11	0.89	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0,89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>Ŭ</td><td>1</td><td>0,89</td><td>0.50</td></srl<>	Ŭ	1	0,89	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>Ŭ</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	Ŭ	1	0.89	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>Ū</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	Ū	1	0.89	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0,89</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0,89</td><td>0.50</td></srl<>	U	1	0,89	0.50
Benzene	<srl< td=""><td>Ü</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
Delizene	1 -01111	<u> </u>				·	· · · · · · · · · · · · · · · · · · ·	·············	



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232580

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 12/12/2023

DATE REPORTED: 12/14/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-07 232580-524	EΩ	Sample	mple MS-12 232580-52451			Sample	Method
AAC ID	ļ	12/11/202		Reporting	12/11/2023			Reporting	
Date Sampled Date Analyzed		12/11/202		Limit	12/11/2023		Limit	Reporting	
Can Dilution Factor		2.02	<u> </u>	(SRL)		1.78	<u> </u>	(SRL)	Limit
			1	(MRLxDF's)		1	I	(MRLxDF's)	(MRL)
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF	<u> </u>	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl_< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl_<></td></srl<>	U	1	1.01	<srl_< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl_<>	U	1	0.89	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>I</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>I</td><td>0.89</td><td>0.50</td></srl<>	U	I	0.89	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	11	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>11</td><td>2.02</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.78</td><td>1.00</td></srl<></td></srl<>	U	11	2.02	<srl< td=""><td>Ü</td><td>1</td><td>1.78</td><td>1.00</td></srl<>	Ü	1	1.78	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>11</td><td>1.01</td><td><srl< td=""><td>U</td><td>11</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	11	1.01	<srl< td=""><td>U</td><td>11</td><td>0.89</td><td>0.50</td></srl<>	U	11	0.89	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>11</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>11</td><td>0.89</td><td>0.50</td></srl<>	U	11	0.89	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>11</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>11</td><td>0.89</td><td>0.50</td></srl<>	U	11	0.89	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>11</td><td>0,89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>11</td><td>0,89</td><td>0.50</td></srl<>	U	11	0,89	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0,50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0,50</td></srl<>	U	1	0.89	0,50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.02</td><td><srl< td=""><td>U</td><td>1</td><td>1.78</td><td>1.00</td></srl<></td></srl<>	U	1	2.02	<srl< td=""><td>U</td><td>1</td><td>1.78</td><td>1.00</td></srl<>	U	1	1.78	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
1,2-Dibromoethane	<srl< td=""><td>Ü .</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>11</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	Ü .	1	1.01	<srl< td=""><td>U</td><td>11</td><td>0.89</td><td>0.50</td></srl<>	U	11	0.89	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ü</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
Chlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
Ethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>2.02</td><td><srl< td=""><td>U</td><td>1</td><td>1.78</td><td>1.00</td></srl<></td></srl<>	U	1	2.02	<srl< td=""><td>U</td><td>1</td><td>1.78</td><td>1.00</td></srl<>	U	1	1.78	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>Ū</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	Ū	1	0.89	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ū</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
o-Xvlene	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>Ū</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	Ū	1	0.89	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>1,01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1,01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
1.4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
1.2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>U</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	U	1	0.89	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1.01</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.89</td><td>0.50</td></srl<></td></srl<>	U	1	1.01	<srl< td=""><td>Ū</td><td>1</td><td>0.89</td><td>0.50</td></srl<>	Ū	1	0.89	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>i</td><td>1.01</td><td><srl< td=""><td>Ü</td><td>1</td><td>0,89</td><td>0.50</td></srl<></td></srl<>	U	i	1.01	<srl< td=""><td>Ü</td><td>1</td><td>0,89</td><td>0.50</td></srl<>	Ü	1	0,89	0.50
BFB-Surrogate Std. % Recovery		97%				96%			70-130%

U - Compound was not detected at or above the SRL.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232580

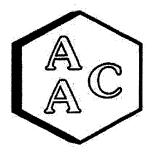
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 12/12/2023 **DATE REPORTED:** 12/14/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-08			MS-09			Sample	
AAC ID		232580-524	52	Sample	* 1 232300-32433			Method	
Date Sampled		12/11/202		Reporting			Reporting	~ Reporting a	
Date Analyzed		12/12/202		Limit	it 12/12/2023		3	Limit	Limit
Can Dilution Factor		3.15		(SRL)	2.60			(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>Ü</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	Ü	1	1.30	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>3.15</td><td><srl< td=""><td>U</td><td>11</td><td>2.60</td><td>1.00</td></srl<></td></srl<>	U	1	3.15	<srl< td=""><td>U</td><td>11</td><td>2.60</td><td>1.00</td></srl<>	U	11	2.60	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<>	U	11	1.30	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
Vinyl Chloride	<srl< td=""><td>U U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U U	1	1.58	<srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<>	U	11	1.30	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>15.8</td><td><srl< td=""><td>U</td><td>11</td><td>13.0</td><td>5.00</td></srl<></td></srl<>	U	1	15.8	<srl< td=""><td>U</td><td>11</td><td>13.0</td><td>5.00</td></srl<>	U	11	13.0	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<>	U	11	1.30	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<>	U	11	1.30	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<>	U	11	1.30	0.50
Ethanol	<srl< td=""><td>U</td><td>1</td><td>6.31</td><td><srl< td=""><td>U</td><td>11</td><td>5.20</td><td>2.00</td></srl<></td></srl<>	U	1	6.31	<srl< td=""><td>U</td><td>11</td><td>5.20</td><td>2.00</td></srl<>	U	11	5.20	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
Acetone	<srl< td=""><td>U</td><td>1</td><td>6.31</td><td>14.0</td><td></td><td>1</td><td>5.20</td><td>2.00</td></srl<>	U	1	6.31	14.0		1	5.20	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<>	U	11	1.30	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>6.31</td><td><srl< td=""><td>U</td><td>1</td><td>5.20</td><td>2.00</td></srl<></td></srl<>	U	1	6.31	<srl< td=""><td>U</td><td>1</td><td>5.20</td><td>2.00</td></srl<>	U	1	5.20	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>1,58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1,58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ū</td><td>1</td><td>3.15</td><td><srl< td=""><td>U</td><td>1</td><td>2.60</td><td>1.00</td></srl<></td></srl<>	Ū	1	3.15	<srl< td=""><td>U</td><td>1</td><td>2.60</td><td>1.00</td></srl<>	U	1	2.60	1.00
Allyl Chloride	<srl< td=""><td>Ū</td><td>1</td><td>3.15</td><td><srl< td=""><td>U</td><td>1</td><td>2.60</td><td>1.00</td></srl<></td></srl<>	Ū	1	3.15	<srl< td=""><td>U</td><td>1</td><td>2.60</td><td>1.00</td></srl<>	U	1	2.60	1.00
Carbon Disulfide	<srl< td=""><td>Ū</td><td>1</td><td>6.31</td><td><srl< td=""><td>U</td><td>1</td><td>5.20</td><td>2.00</td></srl<></td></srl<>	Ū	1	6.31	<srl< td=""><td>U</td><td>1</td><td>5.20</td><td>2.00</td></srl<>	U	1	5.20	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ü</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<>	U	11	1.30	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ū</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.58	<srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<>	U	11	1.30	0.50
Vinvl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<>	U	11	1.30	0.50
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>3.15</td><td><srl< td=""><td>U</td><td>11</td><td>2.60</td><td>1.00</td></srl<></td></srl<>	U	1	3.15	<srl< td=""><td>U</td><td>11</td><td>2.60</td><td>1.00</td></srl<>	U	11	2.60	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
Hexane	<srl_< td=""><td>U</td><td>1</td><td>1,58</td><td><srl_< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl_<></td></srl_<>	U	1	1,58	<srl_< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl_<>	U	1	1.30	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl_< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl_<></td></srl<>	U	1	1.58	<srl_< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl_<>	U	1	1.30	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<>	U	11	1.30	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<>	U	11	1.30	0.50
1.2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1,30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1,30</td><td>0.50</td></srl<>	U	1	1,30	0.50
1.1.1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
Benzene	<srl< td=""><td>U</td><td>1</td><td>1,58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1,58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232580

MATRIX : AIR UNITS: PPB (v/v) DATE RECEIVED: 12/12/2023

DATE REPORTED: 12/14/2023

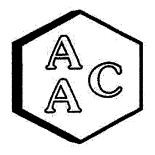
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-08		Sample		MS-09		Sample	Madhad
AAC ID		232580-524		232300-32433		Reporting	Method		
Date Sampled		12/11/2023		12/11/2020		Limit	Reporting		
Date Analyzed	L	12/12/2023	3	Limit		12/12/202	<u> </u>		Limit
Can Dilution Factor		3.15		(SRL)		2.60		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0,50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0,50</td></srl<>	U	11	1.30	0,50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	11	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<>	U	11	1.30	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>3,15</td><td><srl< td=""><td>U</td><td>1</td><td>2.60</td><td>1,00</td></srl<></td></srl<>	U	1	3,15	<srl< td=""><td>U</td><td>1</td><td>2.60</td><td>1,00</td></srl<>	U	1	2.60	1,00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0,50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0,50</td></srl<>	U	1	1.30	0,50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl_< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl_<></td></srl<>	U	1	1.58	<srl_< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl_<>	U	1	1.30	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0,50</td></srl<></td></srl<>	Ū	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0,50</td></srl<>	U	1	1.30	0,50
Toluene	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>3.15</td><td><srl< td=""><td>U</td><td>1</td><td>2.60</td><td>1.00</td></srl<></td></srl<>	U	1	3.15	<srl< td=""><td>U</td><td>1</td><td>2.60</td><td>1.00</td></srl<>	U	1	2.60	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0,50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0,50</td></srl<>	U	1	1.30	0,50
1.2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0,50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0,50</td></srl<>	U	11	1.30	0,50
Chlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
Ethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.58	<srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<>	U	11	1.30	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>3.15</td><td><srl< td=""><td>U</td><td>1</td><td>2.60</td><td>1.00</td></srl<></td></srl<>	U	1	3.15	<srl< td=""><td>U</td><td>1</td><td>2.60</td><td>1.00</td></srl<>	U	1	2.60	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>11</td><td>1.30</td><td>0.50</td></srl<>	U	11	1.30	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
o-Xvlene	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	U	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.58</td><td><srl< td=""><td>Ü</td><td>i</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.58	<srl< td=""><td>Ü</td><td>i</td><td>1.30</td><td>0.50</td></srl<>	Ü	i	1.30	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	Ü	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	U	1	1.30	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>ī</td><td>1.58</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.30</td><td>0.50</td></srl<></td></srl<>	Ü	ī	1.58	<srl< td=""><td>Ū</td><td>1</td><td>1.30</td><td>0.50</td></srl<>	Ū	1	1.30	0.50
Hexachlorobutadiene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.58</td><td><srl< td=""><td>U</td><td>1</td><td>1,30</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	1.58	<srl< td=""><td>U</td><td>1</td><td>1,30</td><td>0.50</td></srl<>	U	1	1,30	0.50
BFB-Surrogate Std. % Recovery		99%				96%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232580

MATRIX : AIR
UNITS : PPB (v/v)

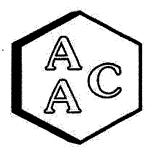
DATE RECEIVED: 12/12/2023

DATE REPORTED: 12/14/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-10		Sample	12/11/2020		Sample		
AAC ID		232580-524	154					Method	
Date Sampled		12/11/202	:3	Reporting			Reporting	Reporting	
Date Analyzed		12/12/202	.3	Limit		12/12/202	3	Limit	Limit
Can Dilution Factor		1.94		(SRL)		3.09		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.94</td><td><srl< td=""><td>U</td><td>11</td><td>3.09</td><td>1.00</td></srl<></td></srl<>	U	1	1.94	<srl< td=""><td>U</td><td>11</td><td>3.09</td><td>1.00</td></srl<>	U	11	3.09	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<>	U	11	1.54	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<>	U	11	1.54	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<>	U	11	1.54	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<>	U	11	1.54	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>9.72</td><td><srl< td=""><td>U</td><td>11</td><td>15.4</td><td>5.00</td></srl<></td></srl<>	U	1	9.72	<srl< td=""><td>U</td><td>11</td><td>15.4</td><td>5.00</td></srl<>	U	11	15.4	5.00
1.3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
Ethanol	5.04		1	3,89	6.58		1	6.18	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
Acetone	4.40		1	3.89	6.24		1	6.18	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>3.89</td><td><srl< td=""><td>U</td><td>1</td><td>6.18</td><td>2.00</td></srl<></td></srl<>	U	1	3.89	<srl< td=""><td>U</td><td>1</td><td>6.18</td><td>2.00</td></srl<>	U	1	6.18	2.00
Acrylonitrile	<srl< td=""><td>Ū</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
1.1-Dichloroethene	<srl< td=""><td>Ü</td><td>1 1</td><td>0.97</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	Ü	1 1	0.97	<srl< td=""><td>Ū</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	Ū	1	1.54	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ü</td><td>1</td><td>1.94</td><td><srl< td=""><td>Ū</td><td>1</td><td>3.09</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.94	<srl< td=""><td>Ū</td><td>1</td><td>3.09</td><td>1.00</td></srl<>	Ū	1	3.09	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.94</td><td><srl< td=""><td>U</td><td>1</td><td>3.09</td><td>1.00</td></srl<></td></srl<>	U	1	1.94	<srl< td=""><td>U</td><td>1</td><td>3.09</td><td>1.00</td></srl<>	U	1	3.09	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>3,89</td><td><srl< td=""><td>Ü</td><td>1</td><td>6.18</td><td>2.00</td></srl<></td></srl<>	U	1	3,89	<srl< td=""><td>Ü</td><td>1</td><td>6.18</td><td>2.00</td></srl<>	Ü	1	6.18	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
1.1-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ū</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
Vinvi Acetate	<srl< td=""><td>Ü</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0,50</td></srl<>	U	1	1.54	0,50
2-Butanone (MEK)	<srl< td=""><td>Ū</td><td>i</td><td>1.94</td><td><srl< td=""><td>Ū</td><td>1</td><td>3.09</td><td>1.00</td></srl<></td></srl<>	Ū	i	1.94	<srl< td=""><td>Ū</td><td>1</td><td>3.09</td><td>1.00</td></srl<>	Ū	1	3.09	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>l i</td><td>0.97</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	Ü	l i	0.97	<srl< td=""><td>Ü</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	Ü	1	1.54	0.50
Hexane	<srl< td=""><td>Ŭ</td><td>1 i</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	Ŭ	1 i	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
Chloroform	<srl< td=""><td>Ŭ</td><td>1 1</td><td>0.97</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	Ŭ	1 1	0.97	<srl< td=""><td>Ü</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	Ü	1	1.54	0.50
Ethyl Acetate	<srl< td=""><td>Ŭ</td><td>†</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	Ŭ	†	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>l i</td><td>0.97</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	Ü	l i	0.97	<srl< td=""><td>Ü</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	Ü	1	1.54	0.50
1.2-Dichloroethane	<srl< td=""><td>Ŭ</td><td>1 i</td><td>0.97</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	Ŭ	1 i	0.97	<srl< td=""><td>Ü</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	Ü	1	1.54	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ū</td><td>t i</td><td>0.97</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	Ū	t i	0.97	<srl< td=""><td>Ū</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	Ū	1	1.54	0.50
Benzene	<srl< td=""><td>II II</td><td>1 1</td><td>0.97</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	II II	1 1	0.97	<srl< td=""><td>Ū</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	Ū	1	1.54	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232580

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 12/12/2023

DATE REPORTED: 12/14/2023

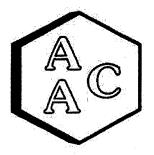
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID		MS-10 232580-524	54	Sample MS-06 232580-52455			Sample	Method	
Date Sampled		12/11/202		Reporting	eporting 12/11/2023			Reporting	Reporting
Date Sampled Date Analyzed		12/12/202		Limit	12/12/2023			Limit	Limit
Can Dilution Factor		1.94		(SRL)		3.09		(SRL)	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>Ŭ</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<>	U	11	1.54	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<>	U	11	1.54	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
1.4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.94</td><td><srl< td=""><td>U</td><td>11</td><td>3.09</td><td>1.00</td></srl<></td></srl<>	U	1	1.94	<srl< td=""><td>U</td><td>11</td><td>3.09</td><td>1.00</td></srl<>	U	11	3.09	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<>	U	11	1.54	0.50
2.2.4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<>	U	11	1.54	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0,50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0,50</td></srl<>	U	1	1.54	0,50
cis-1.3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<>	U	11	1.54	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ü</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.97	<srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<>	U	11	1.54	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.94</td><td><srl< td=""><td>U</td><td>1</td><td>3.09</td><td>1.00</td></srl<></td></srl<>	U	1	1.94	<srl< td=""><td>U</td><td>1</td><td>3.09</td><td>1.00</td></srl<>	U	1	3.09	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
1.2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
Ethylbenzene	<srl< td=""><td>U .</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U .	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.94</td><td><srl< td=""><td>U</td><td>1</td><td>3,09</td><td>1.00</td></srl<></td></srl<>	U	1	1.94	<srl< td=""><td>U</td><td>1</td><td>3,09</td><td>1.00</td></srl<>	U	1	3,09	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<>	U	11	1.54	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<>	U	11	1.54	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<>	U	11	1.54	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<>	U	11	1.54	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.97	<srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<>	U	11	1.54	0.50
1.2-Dichlorobenzene	<srl< td=""><td>U</td><td>11</td><td>0.97</td><td><srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	U	11	0.97	<srl< td=""><td>U</td><td>11</td><td>1.54</td><td>0.50</td></srl<>	U	11	1.54	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>0,97</td><td><srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<></td></srl<>	Ü	1	0,97	<srl< td=""><td>U</td><td>1</td><td>1.54</td><td>0.50</td></srl<>	U	1	1.54	0.50
BFB-Surrogate Std. % Recovery		96%				94%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232580

MATRIX : AIR

UNITS: PPB (v/v)

DATE RECEIVED: 12/12/2023

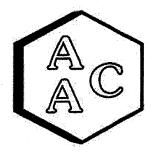
DATE REPORTED: 12/14/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-11		Sample		
AAC ID		232580-524	Reporting	Method		
Date Sampled		12/11/2023 12/12/2023			Reporting	
Date Analyzed	- 100				Limit	
Can Dilution Factor		1.97		(SRL)	(MRL)	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)		
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
Propene	<srl< td=""><td>U</td><td>1</td><td>1.97</td><td>1.00</td></srl<>	U	1	1.97	1.00	
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
Methanol	<srl< td=""><td>U</td><td>1</td><td>9.86</td><td>5.00</td></srl<>	U	1	9.86	5.00	
1.3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
Chloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	Ū	1	0.99	0.50	
Dichlorofluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	Ü	1	0.99	0.50	
Ethanol	7.08		1	3.94	2.00	
Vinyl Bromide	<srl< td=""><td>U</td><td>1.</td><td>0.99</td><td>0.50</td></srl<>	U	1.	0.99	0.50	
Acetone	3.94		1	3.94	2.00	
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
2-Propanol (IPA)	<srl< td=""><td>Ü</td><td>1</td><td>3.94</td><td>2.00</td></srl<>	Ü	1	3.94	2.00	
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.97</td><td>1.00</td></srl<>	U	1	1.97	1.00	
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.97</td><td>1.00</td></srl<>	U	1	1.97	1.00	
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>3.94</td><td>2.00</td></srl<>	U	1	3.94	2.00	
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
1.1-Dichloroethane	<srl< td=""><td>U</td><td>i</td><td>0.99</td><td>0.50</td></srl<>	U	i	0.99	0.50	
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ū</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	Ū	1	0.99	0.50	
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
2-Butanone (MEK)	SRL	Ü	1	1.97	1.00	
cis-1.2-Dichloroethene	SRL	Ü	1	0.99	0.50	
Hexane	<srl< td=""><td>Ŭ</td><td>î</td><td>0.99</td><td>0.50</td></srl<>	Ŭ	î	0.99	0.50	
Chloroform	<srl< td=""><td>Ü</td><td>i</td><td>0.99</td><td>0.50</td></srl<>	Ü	i	0.99	0.50	
Ethyl Acetate	<srl< td=""><td>Ū</td><td>î</td><td>0.99</td><td>0.50</td></srl<>	Ū	î	0.99	0.50	
Tetrahydrofuran	<srl< td=""><td>Ŭ</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	Ŭ	1	0.99	0.50	
1.2-Dichloroethane	<srl< td=""><td>Ū</td><td>î</td><td>0.99</td><td>0.50</td></srl<>	Ū	î	0.99	0.50	
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	Ü	1	0.99	0.50	
Benzene	-SRL	Ü	1	0.99	0.50	





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232580

MATRIX : AIR

UNITS: PPB (v/v)

DATE RECEIVED: 12/12/2023

DATE REPORTED: 12/14/2023

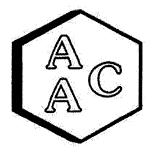
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-11				
AAC ID		232580-52456			Method	
Date Sampled		12/11/2023			Reporting	
Date Analyzed		12/12/2023			Limit	
Can Dilution Factor		1.97		(SRL)	(MRL)	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	()	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>0.99</td><td>0.50</td></srl<>	U	11	0.99	0.50	
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>0,99</td><td>0.50</td></srl<>	U	11	0,99	0.50	
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>0.99</td><td>0.50</td></srl<>	U	11	0.99	0.50	
1,4-Dioxane	<srl< td=""><td>Ü</td><td>1</td><td>1.97</td><td>1.00</td></srl<>	Ü	1	1.97	1.00	
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.97</td><td>1.00</td></srl<>	U	1	1.97	1.00	
Dibromochloromethane	- <srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
1.2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	Ū	1	0.99	0.50	
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0,50</td></srl<>	U	1	0.99	0,50	
Ethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	Ü	1	0.99	0.50	
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.97</td><td>1.00</td></srl<>	U	1	1.97	1.00	
Bromoform	<srl< td=""><td>Ū</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	Ū	1	0.99	0.50	
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
o-Xylene	<srl< td=""><td>Ü</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	Ü	1	0.99	0.50	
4-Ethyltoluene	<srl< td=""><td>Ü</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	Ü	1	0.99	0.50	
1.3.5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	Ü	1	0.99	0.50	
1.2.4-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	Ŭ	1	0.99	0.50	
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	Ŭ	1	0.99	0.50	
1.3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	Ü	1	0.99	0.50	
1.4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	U	1	0.99	0.50	
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	Ü	1	0.99	0.50	
1.2.4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.99</td><td>0.50</td></srl<>	Ŭ	1	0.99	0.50	
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>0.99</td><td>0,50</td></srl<>	Ü	1	0.99	0,50	
BFB-Surrogate Std. % Recovery	1	95%			70-130%	
II - Compound was not detected at or above	the CDY	· · · · · · · · · · · · · · · · · · ·	·			

U - Compound was not detected at or above the SRL.





QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 12/12/2023

MATRIX: High Purity N₂

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-04
CALIBRATION STD ID: MS1-112823-01

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 11/30/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery 3
4-BFB (surrogate standard)	9.40	9,33	99
Chlorodifluoromethane	10.30	8.98	87
Propene	10.70	8.71	81
Dichlorodifluoromethane	10.40	10.09	97
Dimethyl Ether	10.20	8.32	82
Chloromethane	10.50	8.80	84
Dichlorotetrafluoroethane	10.20	10.16	100
Vinyl Chloride	10.60	9.39	89
Acetaldehyde	21.00	16.27	77
Methanol	19.00	17.62	93
1,3-Butadiene	10.70	9.42	88
Bromomethane	10.40	10.03	96
Chloroethane	10.40	8.70	84
Dichlorofluoromethane	10.20	9.41	92
Ethanol	11.40	9.71	85
Vinyl Bromide	10.10	10.09	100
Acrolein	10.90	9.99	92
Acetone	10.60	9.20	87
Trichlorofluoromethane	10.50	10.02	95
2-Propanol (IPA)	11.00	9.34	85
Acrylonitrile	11.00	9.98	91
1,1-Dichloroethene	10.50	10.16	97
Methylene Chloride (DCM)	10.40	9.53	92
TertButanol (TBA)	11.10	9.71	87
Allyl Chloride	10.20	8.76	86
Carbon Disulfide	10.50	9.52	91
Trichlorotrifluoroethane	. 10.30	9.84	96
trans-1,2-Dichloroethene	10.80	10.62	98
1,1-Dichloroethane	10.70	9.62	90
Methyl Tert Butyl Ether (MTBE)	10.70	9.74	91
Vinyl Acetate	11,00	9.57	87
2-Butanone (MEK)	10.70	9.60	90
cis-1,2-Dichloroethene	10.70	10.28	96
Hexane	10.80	9.99	93
Chloroform	10.70	9.73	91
Ethyl Acetate	10.70	9.09	85
Tetrahydrofuran	10.40	8.86	85
1,2-Dichloroethane	10.60	9.45	89
1,1,1-Trichloroethane	10.50	9.65	92
Benzene	10.70	10.18	95
Carbon Tetrachloride	10.30	9.86	96
Cyclohexane	10.50	9.88	94

Analyte Compounds (Continued)	Source 1	CCV ²	% Recovery 3
1,2-Dichloropropane	10,70	9.49	89
Bromodichloromethane	10.50	9.99	95
1,4-Dioxane	10.50	10.09	96
Trichloroethene (TCE)	10.50	10.26	98
2,2,4-Trimethylpentane	10.10	8.97	89
Methyl Methacrylate	11.00	10.35	94
Heptane	10.50	9.98	95
cis-1,3-Dichloropropene	10.50	9.67	92
4-Methyl-2-pentanone (MiBK)	10.50	9.03	86
trans-1,3-Dichloropropene	10.60	10.01	94
1,1,2-Trichloroethane	10.60	9.88	93
Toluene	10.80	10.27	95
2-Hexanone (MBK)	10.50	9.32	89
Dibromochloromethane	10.60	9.92	94
1,2-Dibromoethane	10.60	10.14	96
Tetrachloroethene (PCE)	10.50	10.22	97
Chlorobenzene	10.80	10.03	93
Ethylbenzene	10.60	10.04	95
m & p-Xylene	21.20	19.91	94
Bromoform	10.60	9.97	94
Styrene	10.60	10.05	95
1,1,2,2-Tetrachloroethane	10.60	9.41	89
o-Xylene	10.60	9,92	94
1,2,3-Trichloropropane	11.00	10.22	93
Isopropylbenzene (Cumene)	10.40	9.70	93
α-Pinene	10.80	8.96	83
2-Chlorotoluene	10.30	10.01	97
n-Propylbenzene	10.10	9.54	94
4-Ethyltoluene	10.40	9.73	94
1,3,5-Trimethylbenzene	10.30	9.67	94
β-Pinene	10,90	12.45	114
1,2,4-Trimethylbenzene	10.30	9,47	92
Benzyl Chloride (a-Chlorotoluene)	10.30	8.79	85
1,3-Dichlorobenzene	10.30	9.72	94
1,4-Dichlorobenzene	10.20	9.70	95
Sec-ButylBenzene	10.10	9.23	91
1,2-Dichlorobenzene	10.40	9.85	95
n-ButylBenzene	10.30	9.05	88
1,2-Dibromo-3-Chloropropane	10.30	8.71	85
1,2,4-Trichlorobenzene	10.50	8.95	85
Naphthalene	10.90	10.06	92
Hexachlorobutadiene	10.80	8.54	79

¹ Concentration of analyte compound in certified source standard. * - β-Pinene results are estimated.



² Measured result from daily Continuing Calibration Verification (CCV).

³ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 12/12/2023

INSTRUMENT ID: GC/MS-04

MATRIX: High Purity N2

CALIBRATION STD ID: MS1-112823-01

UNITS: PPB (v/v)

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

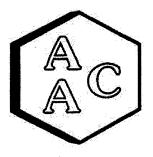
	Sample	Spike	LCS ¹	LCSD ¹	LCS ¹	LCSD 1	RPD ³	
System Monitoring Compounds	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	KI D	
4-BFB (surrogate standard)	0.0	9.40	9.33	9.49	99	101	1.7	
1,1-Dichloroethene	0.0	10.50	10.16	10.53	97	100	3.6	
Methylene Chloride (DCM)	0.0	10.40	9.53	10.12	92	97	6.0	
Benzene	0.0	10.70	10.18	9.99	95	93	1.9	
Trichloroethene (TCE)	0.0	10.50	10.26	10.19	98	97	0.7	
Toluene	0.0	10.80	10.27	10.13	95	94	1.4	
Tetrachloroethene (PCE)	0.0	10.50	10.22	10.21	97	97	0.1	
Chlorobenzene	0.0	10.80	10.03	10.17	93	94	1.4	
Ethylbenzene	0.0	10.60	10.04	10.00	95	94	0.4	
m & p-Xylene	0.0	21.20	19.91	19.76	94	93	0.8	
o-Xylene	0.0	10.60	9.92	9.94	94	94	0.2	

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)



 $^{^2}$ The acceptable range for analyte recovery is 100 \pm 30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 12/12/2023

INSTRUMENT ID: GC/MS-04

MATRIX: High Purity He or N2

ANALYST: DL

UNITS: PPB (v/v)

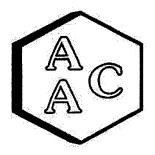
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 121223	Reporting Limit (RL)
4-BFB (surrogate standard)	97%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5
Allyl Chloride	<rl< td=""><td>1.0</td></rl<>	1.0
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
2-Butanone (MEK)	<rl< td=""><td>1.0</td></rl<>	1.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0.5</td></rl<>	0.5
Cyclohexane	<rl< td=""><td>0.5</td></rl<>	0.5

Analyte Compounds (Continued)	MB 121223	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>1.0</td></rl<>	1.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>1.0</td></rl<>	1.0
Dibromochloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5





QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 12/12/2023

MATRIX : Air UNITS : PPB (v/v) INSTRUMENT ID: GC/MS-04

ANALYST : DL

DILUTION FACTOR¹: x2.09

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 232538-52161

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	9.20	9.08	1.3
Chlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Propene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dimethyl Ether	<srl< td=""><td><srl< td=""><td>NA NA</td></srl<></td></srl<>	<srl< td=""><td>NA NA</td></srl<>	NA NA
Chloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorotetrafluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetaldehyde	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methanol	13.6	13.1	3.3
1,3-Butadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromomethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethanol	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrolein	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetone	4.45	4.68	5.0
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Propanol (IPA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrylonitrile	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methylene Chloride (DCM)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
TertButanol (TBA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Allyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Disulfide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Butanone (MEK)	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
cis-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
Hexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrahydrofuran	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Tetrachloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Cyclohexane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichloroethene (TCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Heptane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Toluene	1.65	1,55	6,5
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrachloroethene (PCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
m & p-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromoform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Styrene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2,2-Tetrachloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
o-Xylene	<srl< td=""><td><srl< td=""><td><i>N</i>.4</td></srl<></td></srl<>	<srl< td=""><td><i>N</i>.4</td></srl<>	<i>N</i> .4
1,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Isopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
α-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Ethyltoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3,5-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
β-Pinene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
1,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
1,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Sec-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Naphthalene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexachlorobutadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

SRL - Sample Reporting Limit (minimum)



² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

The cas of the coast Eventy

Date: 12-11/12-23

Summa Canister Run Log

	Start Pressure	End Pressure	Start Time	End Time	Analyzed	Run Time
M5-07	-30 Hz	-13 thg	0651	0701	Ye5	24.10
M5-12	-29 Hg	-9 Hg	0701	0715	y.e.S	24.16
M5-08	-30 HS	-18 Hg	0707	0722	yes	24.15
M5-09	-28 Hg	-13 tlg	0716	0733	yes	24. 17
M5-10	-29 Hg	-10 Hg	0725	0743	५ ९८	24,18
M5-06	-29 Hg	-17 Hg	0737	0800	yes	24.23
M5-11	- 30 Mg	-10 Hg	0759	0838	yes	24.39
		`				

Comments:

May



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon Landfill Air/Odor Sampling

AAC PROJECT NO.

: 232580

REPORT DATE

: 12/15/2023

On December 12, 2023, Atmospheric Analysis & Consulting, Inc. received seven (7) Six-Liter Silonite Canisters for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Return Pressure (mmHg)
MS-07	232580-52450	507.0
MS-12	232580-52451	574.0
MS-08	232580-52452	324.0
MS-09	232580-52453	392.5
MS-10	232580-52454	524.5
MS-06	232580-52455	331.0
MS-11	232580-52456	519.0

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha (Parmar) Ph.1 Technical Director

This report consists of 5 pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO. : 232580

MATRIX: AIR UNITS: ppmv **SAMPLING DATE: 12/11-12/2023**

RECEIVING DATE: 12/12/2023

ANALYSIS DATE: 12/13/2023

REPORT DATE: 12/15/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-09
AAC ID	232580-52450	232580-52451	232580-52452	232580-52453
Canister Dil. Fac.	2.0	1.8	3.2	2.6
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.101	< 0.089	< 0.158	< 0.130
COS / SO2	< 0.101	< 0.089	< 0.158	< 0.130
Methyl Mercaptan	< 0.101	< 0.089	< 0.158	< 0.130
Ethyl Mercaptan	< 0.101	< 0.089	< 0.158	< 0.130
Dimethyl Sulfide	< 0.101	< 0.089	< 0.158	< 0.130
Carbon Disulfide	< 0.101	< 0.089	< 0.158	< 0.130
Isopropyl Mercaptan	< 0.101	< 0.089	< 0.158	< 0.130
tert-Butyl Mercaptan	< 0.101	< 0.089	< 0.158	< 0.130
n-Propyl Mercaptan	< 0.101	< 0.089	< 0.158	< 0.130
Methylethylsulfide	< 0.101	< 0.089	< 0.158	< 0.130
sec-Butyl Mercaptan / Thiophene	< 0.101	< 0.089	< 0.158	< 0.130
iso-Butyl Mercaptan	< 0.101	< 0.089	< 0.158	< 0.130
Diethyl Sulfide	< 0.101	< 0.089	< 0.158	< 0.130
n-Butyl Mercaptan	< 0.101	< 0.089	< 0.158	< 0.130
Dimethyl Disulfide	< 0.101	< 0.089	< 0.158	< 0.130
2-Methylthiophene	< 0.101	< 0.089	< 0.158	< 0.130
3-Methylthiophene	< 0.101	< 0.089	< 0.158	< 0.130
Tetrahydrothiophene	< 0.101	< 0.089	< 0.158	< 0.130
Bromothiophene	< 0.101	< 0.089	< 0.158	< 0.130
Thiophenol	< 0.101	< 0.089	< 0.158	< 0.130
Diethyl Disulfide	< 0.101	< 0.089	< 0.158	< 0.130
Total Unidentified Sulfur	< 0.101	< 0.089	< 0.158	< 0.130
Total Reduced Sulfurs	< 0.101	< 0.089	< 0.158	< 0.130

All unidentified compound's concentrations expressed in terms of H_2S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers

PROJECT NO. : 232580

MATRIX : AIR UNITS : ppmv SAMPLING DATE: 12/11-12/2023

RECEIVING DATE: 12/12/2023 ANALYSIS DATE: 12/13/2023

REPORT DATE: 12/15/2023

Total Reduced Sulfur Compounds by ASTM D-5504

Client ID	MS-10	MS-06	MS-11
AAC ID	232580-52454	232580-52455	232580-52456
Canister Dil. Fac.	1.9	3.1	2.0
Analyte	Result	Result	Result
Hydrogen Sulfide	< 0.097	< 0.154	< 0.099
COS / SO2	< 0.097	< 0.154	< 0.099
Methyl Mercaptan	< 0.097	< 0.154	< 0.099
Ethyl Mercaptan	< 0.097	< 0.154	< 0.099
Dimethyl Sulfide	< 0.097	< 0.154	< 0.099
Carbon Disulfide	< 0.097	< 0.154	< 0.099
Isopropyl Mercaptan	< 0.097	< 0.154	< 0.099
tert-Butyl Mercaptan	< 0.097	< 0.154	< 0.099
n-Propyl Mercaptan	< 0.097	< 0.154	< 0.099
Methylethylsulfide	< 0.097	< 0.154	< 0.099
sec-Butyl Mercaptan / Thiophene	< 0.097	< 0.154	< 0.099
iso-Butyl Mercaptan	< 0.097	< 0.154	< 0.099
Diethyl Sulfide	< 0.097	< 0.154	< 0.099
n-Butyl Mercaptan	< 0.097	< 0.154	< 0.099
Dimethyl Disulfide	< 0.097	< 0.154	< 0.099
2-Methylthiophene	< 0.097	< 0.154	< 0.099
3-Methylthiophene	< 0.097	< 0.154	< 0.099
Tetrahydrothiophene	< 0.097	< 0.154	< 0.099
Bromothiophene	< 0.097	< 0.154	< 0.099
Thiophenol	< 0.097	< 0.154	< 0.099
Diethyl Disulfide	< 0.097	< 0.154	< 0.099
Total Unidentified Sulfur	< 0.097	< 0.154	< 0.099
Total Reduced Sulfurs	< 0.097	< 0.154	< 0.099

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Quality Control/Quality Assurance Report ASTM D-5504

Date Analyzed: 12/13/2023

Analyst: CM/KM Units: ppmV Instrument ID: SCD-BTU Calb. Date:: 6/13/23

Opening Calibration Verification Standard

0.500 ppbV H2S (SS1289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	866	0.498	99.7	0.3
Duplicate	880	0.506	101.3	1.9
Triplicate	845	0.486	97.3	2.2
0.548 ppbV H2S (SS128	9)			**************************************

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	908	0.552	100.8	0.1
Duplicate	876	0.532	97.2	3.4
Triplicate	937	0.569	104.0	3.3

0.479 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	830	0.457	95.5	3.9
Duplicate	898	0.495	103.4	4.1
Triplicate	862	0.475	99.2	0.2

Method Blank

Analyte	Result
H ₂ S	<pql< td=""></pql<>
MeSH	<pql< td=""></pql<>
DMS	<pql< td=""></pql<>

Duplicate Analysis	.		Sample ID	231187-45761
Analyte	Sample	Duplicate	Mean	% RPD ***
Analyte	Result	Result	Mican	/0 KI D
H ₂ S	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0

Matrix Spike & Duplicate Sample ID x2

Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
Analyte	Conc.	Added	Result	Result	% Rec **	% Rec **	76 KI D
H ₂ S	<pql< td=""><td>0.250</td><td>0.237</td><td>0.238</td><td>94.8</td><td>95.2</td><td>0.4</td></pql<>	0.250	0.237	0.238	94.8	95.2	0.4
MeSH	<pql< td=""><td>0.274</td><td>0.283</td><td>0.286</td><td>103.4</td><td>104.5</td><td>1.1</td></pql<>	0.274	0.283	0.286	103.4	104.5	1.1
DMS	<pql< td=""><td>0.240</td><td>0.252</td><td>0.234</td><td>105.2</td><td>97.7</td><td>7.4</td></pql<>	0.240	0.252	0.234	105.2	97.7	7.4

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.500	0.510	102.1
MeSH	0.548	0.574	104.8
DMS	0.479	0.483	100.8

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD from Mean result.

PQL = 50.0 ppbV

MDL = 1.1 ppbV

CHAIN OF CUSTODY RECORD こうしょるの

1		סו ססו ואדססוים	
Client/Project Name 3CS engineers/	Project Location	•	
Chiquita Canyon Landfill Airlodor	Air/odor Sampling	Valencia, CA	ANALISES
Project No.	Field Logbook No.		/ / / / / / / / / / / / / / / / / / / /
			\
Sampler: (Print)	(Signature)	ntainers	
Alberto Copiez	Mallo	1	
Sample No./ Identification Date Time	Lab Sample Number	Type of Sample	100 Remarks Comis Lot Controller
10+0-1200 651-11/11-11 40-5M	21 52450	Col Summer Canistal	1342,0
21-12-12-1/12-23 0701-0715	5245		8 + 900 / HE BI 00 5416-
2540-tot 0 65-11/11-21 50-5M		. (OL Supama Capais for	962 pl / 228100 July- X
MS-09 12-11/11-23 0710-0733	3 52453	Col Summa Canisfor	X 19849,001940/19594
Etto-52+0 52-21/11-21 01-5W		(OL Summa Canister	hos 61 / 028100 hor
MS-010 12-11/11-23 0737-0800		6L Summa Canista	So5 61/ +500 19 505
MS-11 12-11/11-23 0759-0838	38 52456	Summa	1 1
Relinquished by: (Signature),		Date Time Received by: (Signature)	ignature) Date Time
Malle		0560 82/21/21	
Relinquished by: (Signature) /		Date Time Received by: (Signature)	ignature) Date Time
Relinquished by: (Signature)		Date Time Received for Lak	Received for Laboratory: (Signature) Date Time
		Control of the Contro	INLAND OF THE PROPERTY OF THE
Sample Disposal Method:		Disposed of by:(Signature)	Date
Sample Collector		Analytical Laboratory	
Salai Salai	(1		
Environmental Inc. 865 Via Lata · Colton, California 92324	Inc. 92324	#	Ventora
(909) 422-1001 Fax (909) 422-0707	-0/0 <i>/</i>		
	٢	ŗ	

as the cool areal

Date: 12-11/12-23

Summa Canister Run Log

	All the Collection of Education and Association in Collection and Association Collection (Collection Collection)	** PRESENTATION OF THE PROPERTY OF THE PROPERT				COCCUS AND AND A COCCUS OF THE PROPERTY OF THE
	Start Pressure	End Pressure	Start Time	End Time	Analyzed	Run Time
M5-07	-30 tis	-13 th	c651	0701	ye5	24.10
M5-12	-29 HS	-9 Hg	0701	0715	ye5	24.14
MJ-08	-30 Hz	-18 Hg.	0707	0722	yes	24.15
15-09	-28 Hg	-13 Hg	0744	0733	YES	24. 17
M5-10	-29 HS	-10 Kg	0725	0743	yes	24,18
M5-06	-29 Hg	-17 Hg	0737	0800	yes	24.23
M5-11	-30 Hg	-10 Hg	0759	0838	yes	24.39
-						

Comments:

Agri



SAMPLE RECEIPT / LOG-IN REPORT

Client Name: SCS Engineers

Project Name: Chiquita Canyon Landfill Air/Odor Sampling

AAC Project No.: 232580

Sampled By: Client Received By: G. Ruelas

Turn Around Time: 72 Hours **Lab Due Date:** 12/15/2023 **Final Due Date:** 12/15/2023

				riliai Due D	vate: 12/13/2023
<u>Sample</u> <u>Receipt Date</u> Time	<u>Clients ID</u>	Sampling Date/Time	Sample #	<u>Matrix</u>	Analysis Requested
12/12/2023 0951	MS-07	12/11-12/12/2 023 0651-0701	52450	Silonite Canister	SCAQMD 307.91 TO15
12/12/2023 0951	MS-12	12/11-12/12/2 023 0701-0715	52451	Silonite Canister	SCAQMD 307.91 TO15
12/12/2023 0951	MS-08	12/11-12/12/2 023 0707-0722	52452	Silonite Canister	SCAQMD 307.91 TO15
12/12/2023 0951	MS-09	12/11-12/12/2 023 0716-0733	52453	Silonite Canister	SCAQMD 307.93 TO15
12/12/2023 0951	MS-10	12/11-12/12/2 023 0725-0743	52454	Silonite Canister	SCAQMD 307.91 TO15
12/12/2023 0951	MS-06	12/11-12/12/2 023 0737-0800	52455	Silonite Canister	SCAQMD 307.91 TO15
12/12/2023 0951	MS-11	12/11-12/12/2 023 0759-0838	52456	Silonite Canister	SCAQMD 307.91 TO15

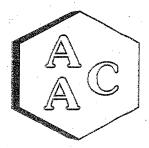
REMARKS:

Client returned 7x cans + 7x coated Entechs.

Total Samples:

7





CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon

PROJECT NO.

: 01204123.21 Task 22

AAC PROJECT NO.

231751

REPORT DATE

: 09/08/2023

On September 5, 2023, Atmospheric Analysis & Consulting, Inc. received sixteen (16) Tedlar Bags for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Client ID	Lab ID
MS10_0905	231751-48426	MS09_0905	231751-48434
MS06_0905	231751-48427	S End Lincoln_0905	231751-48435
MS11_0905	231751-48428	MS07_0905	231751-48436
MS08_0905	231751-48429	SCV_0905	231751-48437
Active_0905	231751-48430	MS05_0905	231751-48438
Chiquito_0905	231751-48431	MS02_0905	231751-48439
MS12_0905	231751-48432	MS03_0905	231751-48440
Rxn_0905	231751-48433	MS04_0905	231751-48441

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. These samples were received in Tedlar Bags, which are considered inappropriate containers by EPA Method TO-15. Per NELAC requirements the analytical results should be considered estimated for these samples. No other problems were encountered during receiving, preparation, and/or analysis of these samples.

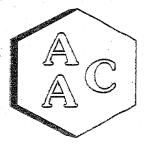
The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmay, Ph.D.

Technical Director

This report consists of 27 pages.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231751

MATRIX : AIR

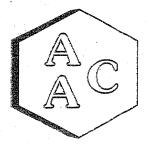
UNITS: PPB (v/v)

DATE RECEIVED: 09/05/2023

DATE REPORTED: 09/08/2023

ANALYST: DL/CH

Client ID		MS10_090)5	Cample		MS06_090		Sample	
AACID		231751-484		Sample		231751-484			Method
Date Sampled		09/05/202	3	Reporting		09/05/202		Reporting	Reporting
Date Analyzed		09/06/202	3	Limit		09/06/202	3	Limit	Limit
Can Dilution Factor		1.00		. (SRL)		1,00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl_< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl_<></td></srl<>	U	1	0.50	<srl_< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl_<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U·</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U·	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	0.52		11	0.50	0.52		11	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.55</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.55		1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<>	U	1 .	0.50	0.50
Methanol	37.0		1	5.00	39.0		1	5.00	5.00
1.3-Butadiene	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	35.1		1	2.00	37.6		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	13.2		1	2.00	13.8		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>IJ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	IJ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	8.08		1	2.00	7.54		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>- 1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	- 1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>i</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	i	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ü</td><td>1 .</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1 .	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	1.06		1	1.00	1.41		1	1.00	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	· U	1	0.50	0.50
Hexane	SRL SRL	Ü	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethyl Acetate	0.63	<u> </u>	1	0.50	0.71		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>l i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	l i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichloroethane	SRL	Ü	î	0.50	<srl< td=""><td>U</td><td>l i</td><td>0.50</td><td>0.50</td></srl<>	U	l i	0.50	0.50
1,1,1-Trichloroethane	<srl td="" −<=""><td>Ti Ti</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl>	Ti Ti	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	0.88	 	1 1	0.50	0.99	<u>~</u>	l i	0.50	0,50
Benzene	1. 0.00	L		0.50	0.22				



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231751 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 09/05/2023

DATE REPORTED: 09/08/2023

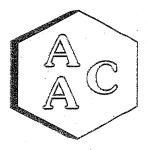
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS10_090		Sample		MS06_090 231751-484		Sample	Method
AAC ID		231751-484 09/05/202		Reporting		09/05/202		Reporting	Reporting
Date Sampled		09/05/202		Limit		09/06/202		Limit	
Date Analyzed		1.00	3	(SRL)		1.00	-	(SRL)	Limit
Can Dilution Factor				(MRLxDF's)		1	A L DE	(MRLxDF's)	(MRL)
Compound	Result	Qualifier	Analysis DF	<u> </u>	Result	Qualifier	Analysis DF	<u> </u>	
Carbon Tetrachloride	<srl< td=""><td>U,</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td><u>1</u></td><td>0.50 0.50</td><td>0,50 0,50</td></srl<></td></srl<>	U,	1	0.50	<srl< td=""><td>U</td><td><u>1</u></td><td>0.50 0.50</td><td>0,50 0,50</td></srl<>	U	<u>1</u>	0.50 0.50	0,50 0,50
Cyclohexane	<srl< td=""><td>U</td><td></td><td>0.50</td><td><srl< td=""><td>U .</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U		0.50	<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U .	1	0.50	0.50
1,2-Dichloropropane	0.56		ļ <u>ļ</u>	0.50	0.64	 	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1 1</td><td>1.00</td><td>1.00</td></srl<>	U	1 1	1.00	1.00
1,4-Dioxane	<srl< td=""><td>U.</td><td>1</td><td>1.00</td><td><srl< td=""><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U.	1	1.00	<srl< td=""><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>		1	0.50	0.50
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td> · _ </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td> · _ </td><td>0.50</td><td>0.50</td></srl<>	U	· _	0.50	0.50
2,2,4-Trimethylpentane	<srl_< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl_<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>. 1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>. 1</td><td></td><td>0.50</td></srl<>	U	. 1		0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<>	U		0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,3-Dichloropropene	<srl_< td=""><td>U</td><td>• 1</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl_<>	U	• 1	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td></srl<>	U	1	0.50	
Toluene	13.6		11	0.50	19.2		11	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U.</td><td>1</td><td>1.00</td><td></td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U.</td><td>1</td><td>1.00</td><td></td></srl<>	U.	1	1.00	
Dibromochloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	U	1 1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
m & p-Xylene	1.19		11	1.00	1.55		1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.51</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.51		1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
o-Xylene	· <srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.65</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.65		1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U.	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>Ī</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	Ī	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
BFB-Surrogate Std. % Recovery		99%				99%			70-130%

U - Compound was not detected at or above the SRL





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231751 MATRIX: AIR

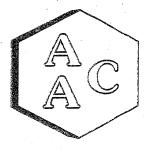
UNITS: PPB (v/v)

DATE RECEIVED: 09/05/2023

DATE REPORTED: 09/08/2023

ANALYST: DL/CH

Result <srl< th=""><th>231751-484 09/05/202 09/06/202 1.00 Qualifier</th><th>3</th><th>Sample Reporting Limit (SRL)</th><th></th><th>231751-484 09/05/2023 09/06/2023</th><th>3</th><th>Sample Reporting</th><th>Method</th></srl<>	231751-484 09/05/202 09/06/202 1.00 Qualifier	3	Sample Reporting Limit (SRL)		231751-484 09/05/2023 09/06/2023	3	Sample Reporting	Method
<srl< th=""><th>09/06/202 1.00</th><th>3</th><th>Limit</th><th></th><th></th><th></th><th>Keporung</th><th>D</th></srl<>	09/06/202 1.00	3	Limit				Keporung	D
<srl< th=""><th>1.00</th><th></th><th>L L</th><th></th><th>00/06/202</th><th></th><th>Limit</th><th>Reporting</th></srl<>	1.00		L L		00/06/202		Limit	Reporting
<srl< th=""><th></th><th></th><th>(SRL)</th><th></th><th></th><th>3</th><th></th><th>Limit</th></srl<>			(SRL)			3		Limit
<srl< th=""><th>Qualifier</th><th></th><th></th><th></th><th>1.00</th><th></th><th>(SRL)</th><th>(MRL)</th></srl<>	Qualifier				1.00		(SRL)	(MRL)
		Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
	U	1	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50 1.00</td><td>0.50 1.00</td></srl<>	U	<u> </u>	0.50 1.00	0.50 1.00
<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
0.52		11	0.50	0.55				0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.55</td><td></td><td></td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.55			0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
	U	11			U.	<u> </u>		5.00
		1				<u> </u>		0.50
		1						0.50
		11				1		0.50
		1				1		
	U	1			U	11		0.50
41.5		1				11		2.00
<srl< td=""><td>U ·</td><td>1</td><td></td><td></td><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U ·	1			U	1		0.50
16.6		1				1		2.00
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td>U</td><td>11</td><td></td><td>0.50</td></srl<>	U	1			U	11		0.50
9.66		11	2.00			1 .		2.00
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1				1		0.50
<srl< td=""><td>Ü</td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	Ü	1				1		0.50
1.07		1	1.00			1		1.00
<srl< td=""><td>U</td><td>1</td><td>1.00</td><td></td><td></td><td>11</td><td></td><td>1.00</td></srl<>	U	1	1.00			11		1.00
<srl< td=""><td>Ŭ</td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>2.00</td></srl<>	Ŭ	1				1		2.00
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td></td><td>11</td><td></td><td>0.50</td></srl<>	U	1				11		0.50
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1				1		0.50
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1				1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td></td><td>11</td><td></td><td>0.50</td></srl<>	U	1	0.50			11		0.50
<srl< td=""><td>U</td><td>- 1</td><td>1.00</td><td></td><td></td><td>11</td><td></td><td>1.00</td></srl<>	U	- 1	1.00			11		1.00
1.46		1 .	1.00			1 .		1.00
<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U.	1	0.50			1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50
	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
0.81		1	0.50	0.74		11		0.50
	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td></td><td>0.50</td></srl<>	U	11		0.50
	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
		1	0.50	0.83		1	0.50	0.50
	16.6 \$SRL 9.66 \$SRL \$SRL 1.07 \$SRL \$SRL	38.4 <srl 1.07="" 16.6="" 41.5="" 9.66="" <srl="" <srl<="" td="" u=""><td>38.4</td><td> 38.4</td><td> 38.4</td><td> SRL</td><td> SRL</td><td> SRL U 1 0.50 SRL U 1 0.50 </td></srl>	38.4	38.4	38.4	SRL	SRL	SRL U 1 0.50 SRL U 1 0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231751 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 09/05/2023

DATE REPORTED: 09/08/2023

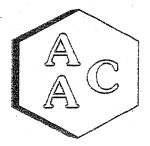
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS11_090		Sample		MS08_090 231751-484		Sample	Method
AAC ID		231751-484 09/05/202		Reporting		09/05/202		Reporting	Reporting
Date Sampled		09/05/202		Limit		09/05/202		Limit	
Date Analyzed		1.00	3	(SRL)		1.00	3	(SRL)	Limit
Can Dilution Factor						T		(MRLxDF's)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U U</td><td>1</td><td>0.50 0.50</td><td>0.50 0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U U</td><td>1</td><td>0.50 0.50</td><td>0.50 0.50</td></srl<>	U U	1	0.50 0.50	0.50 0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td></td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>		1 1	0.50	0.50
1,2-Dichloropropane	0.77	,	1	0.50	<srl< td=""><td>U</td><td>ļ</td><td>0.50</td><td>0.50</td></srl<>	U	ļ	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1 1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ü</td><td>1 1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1 1	1.00	1.00
1,4-Dioxane	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td></srl<>	U	1	0.50	
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	U	1 1	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	17.7	,	1	0.50	13.7		11	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1,00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	U	. 1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chlorobenzene	<srl< td=""><td>U.</td><td>1.</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U.	1.	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Ethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>- 0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	- 0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
m & p-Xylene	1.60		1	1.00	1.28		1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	0.51		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
o-Xvlene	0.62		1	0.50.,	0.50		1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>i i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>Ī</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	Ī	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1 1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>l î</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	l î	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>l - i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	l - i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>l i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	l i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>l i</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	l i	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>ii ii</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1_1_</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	ii ii	i	0.50	<srl< td=""><td>Ü</td><td>1_1_</td><td>0,50</td><td>0.50</td></srl<>	Ü	1_1_	0,50	0.50
BFB-Surrogate Std. % Recovery	i SICL	100%	1	· · · · · · · · · · · · · · · · · · ·	JILL	99%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

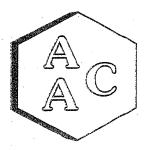
UNITS: PPB (v/v)

PROJECT NO: 231751 MATRIX: AIR DATE RECEIVED: 09/05/2023

DATE REPORTED: 09/08/2023

ANALYST: DL/CH

	Active_090		Sample		Chiquito 09		Sample	
	231751-484				231751-484			Method
				1				Reporting
		3	1	· · · · · · · · · · · · · · · · · · ·		3		Limit
	1.00		4 ' ' P					(MRL)
Result	Qualifier	Analysis DF	<u> </u>	Result	Qualifier	Analysis DF	·	
	U	1				1		0.50
		1			U	1		1.00
		1				1		0.50
		1				1		0.50
		. 1				1		0.50
	U	- 1			U	11		0.50
		1				1		5.00
<srl< td=""><td>U.</td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U.	1				1		0.50
		1				1		0.50
<srl< td=""><td></td><td>1 .</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>		1 .				1		0.50
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td>U</td><td>11</td><td></td><td>0.50</td></srl<>	U	1			U	11		0.50
34.8		1				1		2.00
<srl< td=""><td>U</td><td>11</td><td></td><td></td><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	11			U	1		0.50
<srl< td=""><td>Ū</td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>2.00</td></srl<>	Ū	1				1		2.00
0.88		1 .	0.50		U	1		0.50
7.11		1	2.00			1		2.00
<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	Ŭ	1	0.50			1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td>U</td><td>-1</td><td></td><td>0.50</td></srl<>	U	1	0.50		U	-1		0.50
1.34		1	. 1.00	1.00		11		1.00
<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td></td><td>1.00</td></srl<>	U	1		1.00
<srl< td=""><td>U</td><td>1</td><td>2.00</td><td></td><td></td><td>1</td><td></td><td>2.00</td></srl<>	U	1	2.00			1		2.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.50			1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td></td><td>0.50</td></srl<>	U	11		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50
<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td></td><td>1</td><td></td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td></td><td>1</td><td></td><td>1.00</td></srl<>		1		1.00
2.52		1	1.00	<srl< td=""><td>U</td><td>1</td><td></td><td>1.00</td></srl<>	U	1		1.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
0.69		1	0.50	<srl< td=""><td>Ū</td><td>111</td><td>0.50</td><td>0.50</td></srl<>	Ū	111	0.50	0.50
<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U .	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
		1	0.50	0.92		1		0.50
	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
	Ū	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
		i	0.50	0.92		1	0.50	0.50
The state of the s	SRL 1.69 0.58 0.58 0.60 0	09/05/202	09/05/2023 09/06/2023 1.00 1.	Reporting Limit (SRL)	Result Qualifier Analysis DF (MRLxDF's) Result	Company	Company	Composition Composition



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231751 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 09/05/2023

DATE REPORTED: 09/08/2023

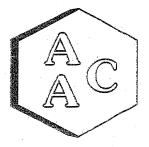
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

	Active 09	05	Comple				Sample	
								Method
	09/05/202	3						Reporting
		3				3		Limit
	1.00		(SRL)		1.00			(MRL)
Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF		
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td>Ü</td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.50		Ü	1		0.50
		1			U	1		0.50
		1				1		0.50
		1				1		0.50
		1				1		1.00
		1 ·				1		0.50
	U	. 1				1		0.50
0.55		1				1		0.50
<srl< td=""><td></td><td>11</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>		11				1		0.50
<srl< td=""><td></td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>		1				1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.50		U	1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
13.3		1	0.50	13.4		1		0.50
<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td></td><td>1</td><td></td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td></td><td>1</td><td></td><td>1.00</td></srl<>		1		1.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.50			1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.50			1		0.50
· <srl< td=""><td>. U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	. U	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50
	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
1.16		1	1.00			1		1.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.50			1		0.50
	U	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50
	U	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50
	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
		i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
		l i	0.50	<srl< td=""><td>·U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	·U	1	0.50	0.50
	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
		1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
		l i		<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
		l i		<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
	ĬĬ	l i		<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ü	11	0.50	0.50
\ <u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>		 	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2000	96%			70-130%
	<pre> <srl <srl="" srl="" srl<="" td=""><td> 231751-484</td><td> Result Qualifier Analysis DF </td><td> Color</td><td> Color</td><td> Color</td><td> Company</td><td> Color</td></srl></pre>	231751-484	Result Qualifier Analysis DF	Color	Color	Color	Company	Color

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231751 MATRIX: AIR

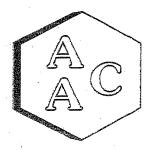
UNITS: PPB (v/v)

DATE RECEIVED: 09/05/2023

DATE REPORTED: 09/08/2023

ANALYST: DL/CH

Client ID	T	MS12 090	05	C1-		Rxn_0905		Sample	
AAC ID		231751-484	132	Sample		231751-484			Method
Date Sampled	1	09/05/202	3	Reporting		09/05/202		Reporting	Reporting
Date Analyzed	<u> </u>	09/06/202	3	Limit		09/06/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>58,0</td><td></td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	58,0		1	1.00	1.00
Dichlorodifluoromethane	0.58		11	0.50	0.57		11	0.50	0.50
Chloromethane	0.66		1	0.50	0.57		11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>Ü</td><td>1 .</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1 .	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	39.6		1	5.00	210	<u> </u>	10	50.0	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td><u> </u></td><td>0,50</td><td>0.80</td><td></td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0,50	0.80		11	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Ethanol	81.0		1	2.00	153		10	20.0	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	18.1		1.	2.00	87.0		10	20.0	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl_< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl_<></td></srl<>	U	1	0.50	<srl_< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl_<>	U	11	0.50	0.50
2-Propanol (IPA)	11.7		1	2.00	80.2		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>. 0.59</td><td><u></u></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	. 0.59	<u></u>	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	1.17		1	1.00	1.17		11	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Carbon Disulfide	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>3.98</td><td></td><td>11</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	3.98		11	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U_</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U_</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U_	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	1.10		1	1.00	87.1		1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	· U	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>1.67</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	1.67		1	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	0.81		1	0.50	9.30		11	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>73.0</td><td></td><td>10</td><td>5.00</td><td>0.50</td></srl<>	U	1	0.50	73.0		10	5.00	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<>	U	11	0.50	0,50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Benzene	0.97	T	1	0.50	94.1		1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231751

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 09/05/2023

DATE REPORTED: 09/08/2023

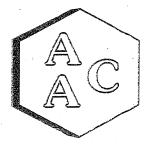
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	1	MS12_090		Sample		Rxn_090		Sample	
AAC ID		231751-484				231751-484		Reporting	Method
Date Sampled		09/05/202		Reporting		09/05/202			Reporting
Date Analyzed		09/06/202	3	Limit		09/06/202	3	Limit	Limit
Can Dilution Factor		1.00		SRL)		1.00	·	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	`
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>. 1</td><td>0:50</td><td>0.80</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	. 1	0:50	0.80		1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>111</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	111	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>Ü .</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü .	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl_< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl_<></td></srl<>	U	1	0.50	<srl_< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl_<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>6.69</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	6.69		1	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2-Trichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	13.6	l	1	0.50	25.0		11	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ü.</td><td>1</td><td>1.00</td><td>1.26</td><td></td><td>11</td><td>1.00</td><td>1.00</td></srl<>	Ü.	1	1.00	1.26		11	1.00	1.00
Dibromochloromethane	<srl< td=""><td>.U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	.U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U -</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U -</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U -	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U ·</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U ·</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U ·	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Π.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Π.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Π.	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>5.89</td><td></td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	5.89		11	0.50	0.50
m & p-Xylene	1.53		1	1.00	6.21		1	1.00	1.00
Bromoform	<srl< td=""><td>Ŭ.</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ.	1	0.50	<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ü	11	0.50	0.50
Styrene	1.08		1	0.50	1.80		- 1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xvlene	0.58		1	0.50	2.46		1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
BFB-Surrogate Std. % Recovery	T T	99%				103%			70-130%
	d CDI								

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231751

MATRIX : AIR

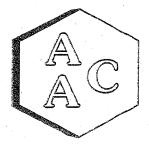
UNITS: PPB (v/v)

DATE RECEIVED: 09/05/2023

DATE REPORTED: 09/08/2023

ANALYST: DL/CH

	231751-484	134	Sample		444 404		Sample	
		J-1	1 1		231751-484			Method
	09/05/202	3	Reporting		09/05/202		Reporting	Reporting
09/07/2023			Limit		09/07/202	3	Limit	Limit
	1.00		(SRL)		1.00		(SRL)	(MRL)
Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF		
<srl< td=""><td>Ü</td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	Ü	1				1		0.50
	· U	11			U	1		1.00
		1				1		0.50
		1				1		0.50
		1				1		0.50
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1			U	1		0.50
35.1		1				1		5.00
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1				1		0.50
<srl< td=""><td></td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>		1				1		0.50
<srl< td=""><td></td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>		1				1		0.50
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1			U	1		0.50
37.1		1				11		2.00
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1			U	1		0.50
15.7		1				1		2.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
8,07		1	2.00	8.46		1		2.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.09		1.	- 1.00	1.05		1		1.00
<srl< td=""><td>U</td><td>1</td><td>1.00</td><td></td><td></td><td>1</td><td></td><td>1.00</td></srl<>	U	1	1.00			1		1.00
<srl< td=""><td>U.</td><td>1</td><td>2.00</td><td></td><td></td><td>11</td><td></td><td>2.00</td></srl<>	U.	1	2.00			11		2.00
<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	Ū	1	0.50			1		0.50
<srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1 .	0.50			1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td></td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td></td><td>1.00</td></srl<>	U	11		1.00
1.14		1	1.00	1.56		1		1.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
	U	1	0.50	<srl< td=""><td>U</td><td>-1</td><td></td><td>0.50</td></srl<>	U	-1		0.50
		1	0.50	1.05		1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
		ī	0.50	0.88		1	0.50	0.50
	SRL	Result Qualifier	Result Qualifier Analysis DF	Result Qualifier Analysis DF (MRLxDF's) <srl< td=""> U 1 0.50 <srl< td=""> U 1 1.00 0.52 1 0.50 <0.64</srl<></srl<>	Result Qualifier Analysis DF (MRLxDF's) Result <srl< td=""> U 1 0.50 <srl< td=""> <srl< td=""> U 1 1.00 <srl< td=""> 0.52 1 0.50 0.52 0.64 1 0.50 <srl< td=""> <srl< td=""> U 1 0.50 <srl< td=""> 15.7 1 2.00 12.9 <srl< td=""> U 1 0.50 <s< td=""><td> Result Qualifier Analysis DF (MRLxDF's) Result Qualifier </td><td> Result Qualifier Analysis DF (MRLxDF's) Result Qualifier Analysis DF SRL U</td><td> Result Qualifier Analysis DF (MRLxDF's) Result Qualifier Analysis DF (MRLxDF's) </td></s<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<>	Result Qualifier Analysis DF (MRLxDF's) Result Qualifier	Result Qualifier Analysis DF (MRLxDF's) Result Qualifier Analysis DF SRL U	Result Qualifier Analysis DF (MRLxDF's) Result Qualifier Analysis DF (MRLxDF's)



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231751 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 09/05/2023

DATE REPORTED: 09/08/2023

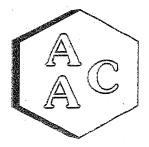
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS09_090		Sample	S	End Lincoln		Sample	· ·
AAC ID		231751-484				231751-484		Reporting	Method
Date Sampled		09/05/202		Reporting		09/05/202			Reporting
Date Analyzed		09/07/202	3	Limit		09/07/202	3	Limit	Limit
Can Dilution Factor		1.00] (SRL). [1.00		(SRL)	(MRL)
Compound	Result	Qualifier	'Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	0.79		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>-1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	-1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<>	U	1 .	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	15.6		1	0.50	13.4		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td><srl< td=""><td>. U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 .	0.50	<srl< td=""><td>. U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	. U	1	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>· U</td><td>1 .</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1 .	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	1.12		1	1.00	1.16		1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	0.58		1	0.50	0.67		1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50-</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50-</td><td>0.50</td></srl<>	U	1	0.50-	0.50
o-Xvlene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
BFB-Surrogate Std. % Recovery		98%	i i			100%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231751 MATRIX : AIR

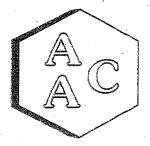
UNITS: PPB (v/v)

DATE RECEIVED: 09/05/2023

DATE REPORTED: 09/08/2023

ANALYST: DL/CH

Client ID		MS07_090		Sample		SCV_090		Sample	
AACID		231751-484				231751-484		Reporting	Method
Date Sampled		09/05/202		Reporting		09/05/202			Reporting
Date Analyzed		09/07/202	3	Limit		09/07/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRI)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	· ·
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Dichlorodifluoromethane	0.52		1	0.50	<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U .	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	27.5		1	5.00	24.2		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>. 0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>. 0.50</td><td>0.50</td></srl<>	U	1	. 0.50	0.50
Chloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>·U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	·U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Ethanol	56.0		1	2,00	27.4	T	1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	12.9		1	2.00	15.5		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1.</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1.</td><td>0.50</td><td>0.50</td></srl<>	U	1.	0.50	0.50
2-Propanol (IPA)	8.56		1	2.00	9.61		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	U	ī	0.50	0.50
Methylene Chloride (DCM)	1.01		1	. 1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1,00</td></srl<>	U	1	1.00	1,00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	· U	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ū.</td><td>i</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū.	i	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	1.40		i	1.00	1.00		1	1,00	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	SRL	Ŭ	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ŭ.</td><td>i i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ.	i i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethyl Acetate	0.96		l i	0.50	0.66		ī	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>î</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	î	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i i	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ū</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i i	0.50	0.50
Benzene	0.95		1	0.50	0.67	<u>-</u>	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231751 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 09/05/2023

DATE REPORTED: 09/08/2023

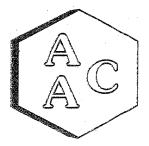
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS07_090)5	Sample		SCV_090		Sample	
AAC ID		231751-484		1		231751-484			Method
Date Sampled		09/05/202		Reporting		09/05/202		Reporting	Reporting
Date Analyzed		09/07/202	3	Limit		09/07/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	0.51		11	0.50	0.72		1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>- 0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	- 0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>-1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>-1</td><td>0.50</td><td>0.50</td></srl<>	U	-1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.80</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.80		1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Toluene	14.7		1	0.50	14.3		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td><srl.< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl.<></td></srl<>	U	1	1,00	<srl.< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl.<>	U	1	1.00	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>. U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>. U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	. U	1	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>I</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>I</td><td>0.50</td><td>0.50</td></srl<>	U	I	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>- 0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	- 0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	1.17		1	1.00	1.00		1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	0.60		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xvlene	<srl< td=""><td>. U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	. U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>. U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	. U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ū	1	0,50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
BFB-Surrogate Std. % Recovery	-0100	99%		<u></u>	~~~	100%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231751 MATRIX: AIR

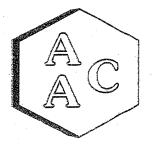
UNITS: PPB (v/v)

DATE RECEIVED: 09/05/2023

DATE REPORTED: 09/08/2023

ANALYST: DL/CH

Result <srl <srl<="" th=""><th>231751-484 09/05/202 09/07/202 1.00 Qualifier</th><th>3 .</th><th>Sample Reporting Limit (SRL)</th><th></th><th>231751-484 09/05/202 09/07/202 1.00</th><th>3</th><th>Sample Reporting Limit</th><th>Method Reporting Limit</th></srl>	231751-484 09/05/202 09/07/202 1.00 Qualifier	3 .	Sample Reporting Limit (SRL)		231751-484 09/05/202 09/07/202 1.00	3	Sample Reporting Limit	Method Reporting Limit
<srl <srl< th=""><th>09/07/202 1.00 Qualifier</th><th>3</th><th>Limit (SRL)</th><th></th><th>09/07/2023</th><th></th><th>Limit</th><th></th></srl<></srl 	09/07/202 1.00 Qualifier	3	Limit (SRL)		09/07/2023		Limit	
<srl <srl< th=""><th>1.00 Qualifier</th><th>I</th><th>(SRL)</th><th></th><th></th><th>3</th><th></th><th>Limit</th></srl<></srl 	1.00 Qualifier	I	(SRL)			3		Limit
<srl <srl< th=""><th>Qualifier</th><th>Analysis DF</th><th></th><th></th><th>1.00</th><th>i</th><th></th><th></th></srl<></srl 	Qualifier	Analysis DF			1.00	i		
<srl <srl< th=""><th></th><th>Analysis DF</th><th>Gent Des</th><th></th><th colspan="2">1.00</th><th>(SRL)</th><th>(MRL)</th></srl<></srl 		Analysis DF	Gent Des		1.00		(SRL)	(MRL)
<srl< th=""><th>ĪĪ</th><th></th><th>(MRLxDF's)</th><th>Result</th><th>Qualifier</th><th>Analysis DF</th><th>(MRLxDF's)</th><th></th></srl<>	ĪĪ		(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
		. 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	U	1 /	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
		1			U	1		0,50
		1				1		0.50
		1				1		0.50
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1			U	1		0.50
31.4		1				1		5.00
<srl< td=""><td></td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>		1				1		0.50
<srl< td=""><td></td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>		1				1		0.50
<srl< td=""><td></td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>		1				1		0.50
<srl< td=""><td>U</td><td>11</td><td>0.50</td><td></td><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	11	0.50		U	1		0.50
32.4		1	2,00			1		2.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.50		U	1		0.50
12.6		1	2.00			1		2.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.50		U	1		0.50
7.02		1	2.00			1		2.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.50			1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.50			1		0.50
<srl< td=""><td>U</td><td>1</td><td>. 1.00</td><td></td><td></td><td>1</td><td></td><td>1.00</td></srl<>	U	1	. 1.00			1		1.00
<srl< td=""><td>Ū.</td><td>1</td><td>1.00</td><td></td><td></td><td>1</td><td></td><td>1.00</td></srl<>	Ū.	1	1.00			1		1.00
<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td></td><td>U</td><td>1</td><td></td><td>2.00</td></srl<>	Ü	1	2.00		U	1		2.00
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td></td><td>11</td><td></td><td>0.50</td></srl<>	U	1				11		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0,50</td></srl<>	U	1	0.50			1		0,50
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1				1		0.50
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1				1		0.50
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td>U</td><td>1</td><td></td><td>1.00</td></srl<>	U	1			U	1		1.00
1.44		1				11		1.00
<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	Ū	1	0.50			1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.50			1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
0.72		1	0.50	0.59		1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
2.30		1	0.50	0.94		1	0.50	0.50
	<\$RL <\$RL <\$RL <\$RL 32.4 <\$RL 12.6 <\$RL 7.02 <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL	SRL	SRL U 1	SRL	SRL U 1 0.50 0.54 SRL U 1 0.50 SSRL SSRL U 1 0.50 SSRL 32.4 1 2.00 28.1 SRL U 1 0.50 SSRL 32.4 1 2.00 28.1 SRL U 1 0.50 SSRL 32.4 1 2.00 28.1 32.4 1 2.00 28.1 32.4 1 2.00 28.1 32.4 1 2.00 28.1 32.4 1 0.50 SSRL 32.4 1 0.50 SSRL	SRL U 1 0.50 0.54 SRL U 1 0.50 SRL U SRL U 1 0.50 SRL U 31.4 1 5.00 23.4 U SRL U 1 0.50 SRL U 32.4 1 2.00 28.1 U 12.6 1 2.00 28.1	SRL U 1 0.50 0.54 1 SRL U 1 0.50 SRL U 1 32.4 1 2.00 28.1 U 1 32.4 1 2.00 28.1 U 1 32.4 1 0.50 SRL U 1 32.4 1 0.50 SRL U 1 32.4 1 0.5	SRL U 1 0.50 0.54 1 0.50 SRL U 1 0.50 SRL U 1 0.50 SRL U 1



Laboratory Analysis Report

CLIENT: SCS Engineers PROJECT NO: 231751

MATRIX : AIR

UNITS: PPB (v/v)

DATE RECEIVED: 09/05/2023

DATE REPORTED: 09/08/2023

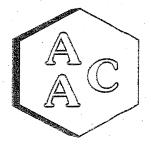
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Docult	231751-484 09/05/202 09/07/202 1,00	3	Sample Reporting Limit		231751-484 09/05/202		Sample Reporting	Method
Docult	09/07/2023				09/05/202	1		
Docult		3						Reporting
Docult	1.00	09/07/2023		•	. 09/07/202	3	Limit	Limit
Docult	1.00		(SRL)		1.00		(SRL)	(MRL)
IXCSUIL	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
		. 1			U	1		0.50
<srl< td=""><td></td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>		1				1		0.50
<srl< td=""><td></td><td>11</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>		11				1		0.50
<srl< td=""><td></td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>1.00</td></srl<>		1				1		1.00
<srl< td=""><td></td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>		1				1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.50			1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.50			1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.50			1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50.</td></srl<>	U	1	0.50			1		0.50.
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50
<srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 .	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
17.7		1	0.50	13.0		1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü.</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü.</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü.	1	1.00	1.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U -</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>U -</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U -	1	0.50	0.50
<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td><srl td="" ·<=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl></td></srl<>	U.	1	0.50	<srl td="" ·<=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl>	U	1	0.50	0.50
1.14		1	1.00	1.05		1 .	1.00	1.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
0.59		1	0.50	0.59		1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>. U</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	. U	. 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
<srl< td=""><td>Ŭ</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	. 1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
SRL	Ü	i	0.50		Ü	1	0.50	0.50
					99%		Ī	70-130%
	\(\frac{\sqrt}{\sqrt} \) \(\frac{\sqrt}{\s	SRL	SRL	SRL	SRL	SRL U	SRL U 1 0.50 SRL U 1 SRL U	SRL U 1 0.50 SRL U 1 0.50

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231751 MATRIX: AIR

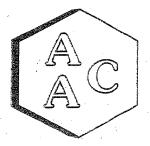
UNITS: PPB (v/v)

DATE RECEIVED: 09/05/2023

DATE REPORTED: 09/08/2023

ANALYST: DL/CH

Client ID AAC ID Date Sampled		MS03 090 231751-484 09/05/202	140	Sample Reporting	MS04 0905 231751-48441 09/05/2023			Sample Reporting	Method
Date Analyzed		09/03/202		Limit		09/03/202		Limit	Reporting
Can Dilution Factor		1,00		(SRL)		1.00	<u> </u>	(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>i i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>. 1</td><td>1.00</td><td>6.63</td><td></td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	. 1	1.00	6.63		1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>. U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	. U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	. 1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Methanol	23.5		1	5.00	25.1		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>Ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>Ī</td><td>0.50</td><td>0.50</td></srl<>	U	Ī	0.50	0.50
Bromomethane	<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U .	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethanol	27.8		1	2.00	33.5		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	14.2		1	2.00	28.0		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U ·</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U ·</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U ·	i	0.50	0.50
2-Propanol (IPA)	7.86		1	2.00	9.30		i	2.00	2.00
Acrylonitrile	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	. 1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Methylene Chloride (DCM)	1.05		1	1.00	<srl< td=""><td>Ū</td><td>1.</td><td>1.00</td><td>1.00</td></srl<>	Ū	1.	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1.</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>î Î</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1.	1.00	<srl< td=""><td>Ü</td><td>î Î</td><td>1.00</td><td>1.00</td></srl<>	Ü	î Î	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>i</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ü</td><td>i</td><td>2.00</td><td>2.00</td></srl<>	Ü	i	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>-1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	-1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	U	ī	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ū	î	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>ī</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	ī	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.40</td><td></td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.40		1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Hexane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.53</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.53		1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	0.74	_	1	0.50	0.72		i	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>1.17</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	1.17		1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Benzene	1.21	:]	1	0.50	4.64		1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231751 MATRIX: AIR

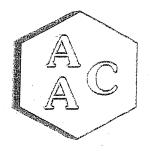
UNITS: PPB (v/v)

DATE RECEIVED: 09/05/2023

DATE REPORTED: 09/08/2023

ANALYST: DL/CH

Client ID	T	MS03 090	05			MS04 090)5	1	
AAC ID		231751-484		Sample		231751-484		Sample	Method
Date Sampled	· · · · · · · · · · · · · · · · · · ·	09/05/202		Reporting		09/05/202		Reporting	
Date Analyzed		09/07/202		Limit		09/07/202		Limit	Reporting
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	1.00		1	0.50	0.79		1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>SRL</td><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	SRL	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î ·</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>î ·</td><td>0.50</td><td>0.50</td></srl<>	Ü	î ·	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Toluene	18.1		1	0.50	15.2		- ' î	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü.</td><td>1.</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü.</td><td>1.</td><td>0.50</td><td>0.50</td></srl<>	Ü.	1.	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U ·</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U ·	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.87</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	i	0.50	0.87		1	0.50	0.50
m & p-Xylene	1.09		1	1.00	1.56		î	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>IJ</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>IJ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	IJ	î	0.50	0.50
Styrene	0.59		1	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>î</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	î	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
o-Xvlene	<srl< td=""><td>Ū</td><td>î</td><td>0.50</td><td>0.50</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	î	0.50	0.50		1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td><srl< td=""><td>Ū.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	î	0.50	<srl< td=""><td>Ū.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū.	1	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>TI T</td><td>· 1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>- 1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	TI T	· 1	0.50	<srl< td=""><td>Ŭ</td><td>- 1 1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	- 1 1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td><srl< td=""><td>U :</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.50	<srl< td=""><td>U :</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U :	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>· Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· Ü	i	0.50	<srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<>	U		0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ť</td><td>- i - l</td><td>0.50</td><td><srl< td=""><td>Ü</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ť	- i - l	0.50	<srl< td=""><td>Ü</td><td></td><td>0.50</td><td>0.50</td></srl<>	Ü		0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>- 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>- 1</td><td>0.50</td><td>0.50</td></srl<>	Ü	- 1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>- U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	- U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
BFB-Surrogate Std. % Recovery	l li	99%		0.50	-SICL I	99%		0.30	70-130%
U - Compound was not detected at or above t	he SRI	2270				2270		<u> </u>	/0-130%



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/06/2023

 $MATRIX\,:\, High\, Purity\, N_2$

UNITS : PPB (v/v)

INSTRUMENT ID: GC/MS-02

CALIBRATION STD ID: MS1-061523-01

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 08/21/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recover
4-BFB (surrogate standard)	9.60	9.18	96
Chlorodifluoromethane	10.40	10.18	98
Propene	10.60	10.17	96
Dichlorodifluoromethane	10.40	10.56	102
Dimethyl Ether	10.20	9.24	91
Chloromethane	10.40	9.65	93
Dichlorotetrafluoroethane	10.30	10.69	104
Vinyl Chloride	10.50	10.34	98
Acetaldehyde	21.10	25.45	121
Methanol	18.80	19.57	104
1,3-Butadiene	10.60	9.91	93
Bromomethane	10.40	10.29	99
Chloroethane	10.30	9.67	94
Dichlorofluoromethane	10.20	10.12	99
Ethanol	11.20	10.86	97
Vinyl Bromide	10.10	10.16	101
Acrolein	11.10	9.52	86
Acetone	10.60	9.78	92
Trichlorofluoromethane	10.50	10.14	97
2-Propanol (IPA)	11.00	10.19	93
Acrylonitrile	11.20	10.25	92
1,1-Dichloroethene	10.40	9.94	96
Methylene Chloride (DCM)	10.50	10.15	97
FertButanol (TBA)	11.10	9.97	90
Allyl Chloride	10.20	9.35	92
Carbon Disulfide	10.50	9.80	93
Frichlorotrifluoroethane	10.40	10.75	103
rans-1,2-Dichloroethene	10,60	9.91	93
,1-Dichloroethane	10.50	9.69	92
Methyl Tert Butyl Ether (MTBE)	10.50	9.04	86
/inyl Acetate	11.00	10.21	93
-Butanone (MEK)	10.60	9.54	90
is-1,2-Dichloroethene	10.50	9.81	93
lexane	10.70	9.74	91
hloroform	10.60	9.92	94
thyl Acetate	10.60	10.00	94
etrahydrofuran	10.20	9.38	92
,2-Dichloroethane	10.50	9.93	95
,1,1-Trichloroethane	10.40	9.63	93
enzene	10.60	10.08	95
arbon Tetrachloride	10.20	9.58	94
yclohexane	10.50	9.72	93

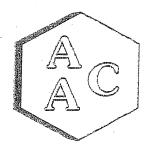
Analyte Compounds (Continued)	Source 1	CCV^2	% Recovery
1,2-Dichloropropane	10.50	10.19	97
Bromodichloromethane	10.40	10.01	96
1,4-Dioxane	10.40	9.63	93
Trichloroethene (TCE)	10.40	9.59	92
2,2,4-Trimethylpentane	10.00	9.72	. 97
Methyl Methacrylate	11.00	10.29	94
Heptane	10.50	10.07	96
cis-1,3-Dichloropropene	10.40	10.09	97
4-Methyl-2-pentanone (MiBK)	10.40	9.64	93
trans-1,3-Dichloropropene	10.50	10.00	95
1,1,2-Trichloroethane	10.50	10.09	. 96
Toluene	10.60	10.16	96
2-Hexanone (MBK)	10.50	10.29	98
Dibromochloromethane	10.30	9.95	97
1,2-Dibromoethane	10.60	10.28	97
Tetrachloroethene (PCE)	10.40	10.09	97
Chlorobenzene	10.60	10.13	96
Ethylbenzene	10.50	10.73	102
m & p-Xylene	21.00	20.68	98
Bromoform	10.50	10.56	101
Styrene	10.50	10.70	102
1,1,2,2-Tetrachloroethane	10.50	9.25	. 88
o-Xylene	10.50	10.46	100
1,2,3-Trichloropropane	11.00	10.51	96
Isopropylbenzene (Cumene)	10.30	10.53	102
α-Pinene	10.70	8.88	83
2-Chlorotoluene	10.30	9.81	95
n-Propylbenzene	10.10	10.35	102
4-Ethyltoluene	10.30	10.93	106
1,3,5-Trimethylbenzene	10.30	10.59	103
β-Pinene	11.00	8.63	78
1,2,4-Trimethylbenzene	10.30	10.66	103
Benzyl Chloride (a-Chlorotoluene)	10.40	10.74	103
1,3-Dichlorobenzene	10.40	10.96	105
1,4-Dichlorobenzene	10.30	10.47	102
Sec-ButylBenzene	10.10	10.51	104
1,2-Dichlorobenzene	10.60	10.74	101
n-ButylBenzene	10.20	10.67	105
1,2-Dibromo-3-Chloropropane	10.10	10.02	99
1,2,4-Trichlorobenzene	11.00	10.35	94
Naphthalene	11.50	10.41	91
Hexachlorobutadiene	11.00	10.76	98



¹Concentration of analyte compound in certified source standard.

² Measured result from daily Continuing Calibration Verification (CCV).

 $^{^3}$ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/06/2023

INSTRUMENT ID: GC/MS-02

MATRIX: High Purity N2

CALIBRATION STD ID: MS1-061523-01

UNITS: PPB (v/v)

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

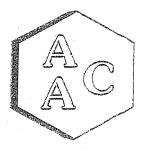
Laboratory Control Spike Analysis

System Monitoring Compounds	Sample	Spike	LCS ¹	LCSD 1	LCS'	LCSD 1	RPD ³
System Monitoring Compounts	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	
4-BFB (surrogate standard)	0.0	9.60	9.18	9.15	96 -	. 95	0.3
1,1-Dichloroethene	0.0	10.40	9.94	9.79	96	94	1.5
Methylene Chloride (DCM)	0.0	10.50	10.15	10.08	97	. 96	0.7
Benzene	0.0	10.60	10.08	10.04	95	95	0.4
Trichloroethene (TCE)	0.0	10.40	9.59	9.72	92	93	1.3
Toluene	0.0	10.60	10.16	10.13	96	96 ·	0.3
Tetrachloroethene (PCE)	0.0	10.40	10.09	10.26	97	99	1.7
Chlorobenzene	0.0	10.60	10.13	10.10	96	95	0.3
Ethylbenzene	0.0	10.50	10.73	10.41	102	99	3.0
m & p-Xylene	0.0	21.00	20.68	20.66	98	98	0.1
o-Xylene	0.0	10.50	10.46	10.37	100	99	0.9

¹ Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/06/2023

INSTRUMENT ID: GC/MS-02

MATRIX: High Purity He or N2 UNITS: PPB (v/v)

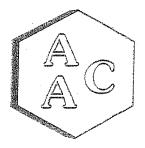
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 090623	Reporting Limit (RL)	
4-BFB (surrogate standard)	86%	100±30%	
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5	
Propene	<rl< td=""><td colspan="2">1.0</td></rl<>	1.0	
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5	
Dimethyl Ether	<rl< td=""><td>. 1.0</td></rl<>	. 1.0	
Chloromethane	<rl '<="" td=""><td>0.5</td></rl>	0.5	
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5	
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5	
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0	
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0	
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5	
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5	
Chloroethane	<rl< td=""><td>0.5</td></rl<>	0.5	
Dichlorofluoromethane	· <rl< td=""><td>0.5</td></rl<>	0.5	
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0	
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5	
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0	
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0	
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5	
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0	
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5	
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5	
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0	
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5	
Allyl Chloride	<rl< td=""><td>1.0</td></rl<>	1.0	
Carbon Disulfide	<rl< td=""><td>. 2.0</td></rl<>	. 2.0	
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5	
trans-1,2-Dichloroethene	· <rl< td=""><td>0.5</td></rl<>	0.5	
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5	
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5	
Vinyl Acetate	<rl< td=""><td>1.0</td></rl<>	1.0	
2-Butanone (MEK)	<rl< td=""><td>1.0</td></rl<>	1.0	
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5	
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5	
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5	
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5	
Tetrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5	
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5	
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5	
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5	
Carbon Tetrachloride	<rl< td=""><td>0.5</td></rl<>	0.5	
Cyclohexane	<rl< td=""><td>0.5</td></rl<>	0.5	

Analyte Compounds (Continued)	MB 090623	Reporting Limit (RL)	
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5	
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5	
1,4-Dioxane	<rl< td=""><td>1.0</td></rl<>	1.0	
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5	
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5	
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5	
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5	
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5	
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>0.5</td></rl<>	0.5	
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5	
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5	
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5	
2-Hexanone (MBK)	<rl< td=""><td>1.0</td></rl<>	1.0	
Dibromochloromethane	- <rl< td=""><td>0.5</td></rl<>	0.5	
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5	
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5	
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5	
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5	
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0	
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5	
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5	
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5	
o-Xylene	<rl< td=""><td colspan="2">. 0.5</td></rl<>	. 0.5	
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5	
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5	
α-Pinene	<rl< td=""><td>1.0</td></rl<>	1.0	
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5	
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5	
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5	
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5	
β-Pinene	<rl< td=""><td>2.0</td></rl<>	2.0	
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5	
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5	
1,3-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5	
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5	
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5	
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5	
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5	
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5	
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5	
Naphthalene	<rl< td=""><td>0.5</td></rl<>	0.5	
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5	



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/06/2023

INSTRUMENT ID: GC/MS-02

MATRIX : Air

ANALYST: DL/CH

UNITS: PPB (v/v)

DILUTION FACTOR¹: x8673.76

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 231684-48168

Analyte Compounds 4-BFB (surrogate standard) Chlorodifluoromethane Propene Dichlorodifluoromethane Dimethyl Ether Chloromethane Dichlorotetrafluoroethane Vinyl Chloride Acetaldehyde	Sample 8.67	Buplicate 8.85	RPD 2 2.1 NA NA NA NA NA NA NA N
Chlorodifluoromethane Propene Dichlorodifluoromethane Dimethyl Ether Chloromethane Dichlorotetrafluoroethane Vinyl Chloride	<srl <srl="" <srl<="" th=""><th><pre> <srl <srl="" <srl<="" th=""><th>NA NA NA NA NA NA NA NA NA NA</th></srl></pre></th></srl>	<pre> <srl <srl="" <srl<="" th=""><th>NA NA NA NA NA NA NA NA NA NA</th></srl></pre>	NA
Propene Dichlorodifluoromethane Dimethyl Ether Chloromethane Dichlorotetrafluoroethane Vinyl Chloride	<\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL 1050000	<\$RL <\$RL <\$RL <\$RL <\$RL <\$RL <\$RL	NA NA NA NA NA NA
Dichlorodifluoromethane Dimethyl Ether Chloromethane Dichlorotetrafluoroethane Vinyl Chloride	<\$RL <\$RL <\$RL <\$RL <\$RL <\$RL 1050000	<srl <srl="" <srl<="" td=""><td>NA NA NA NA NA</td></srl>	NA NA NA NA NA
Dimethyl Ether Chloromethane Dichlorotetrafluoroethane Vinyl Chloride	<srl 1050000<="" <srl="" td=""><td><\$RL <\$RL <\$RL <\$RL <\$RL</td><td>NA NA NA NA</td></srl>	<\$RL <\$RL <\$RL <\$RL <\$RL	NA NA NA NA
Chloromethane Dichlorotetrafluoroethane Vinyl Chloride	<srl 1050000<="" <srl="" td=""><td><srl <srl <srl <srl< td=""><td>NA NA NA</td></srl<></srl </srl </srl </td></srl>	<srl <srl <srl <srl< td=""><td>NA NA NA</td></srl<></srl </srl </srl 	NA NA NA
Dichlorotetrafluoroethane Vinyl Chloride	<srl <srl <srl 1050000</srl </srl </srl 	<srl <srl <srl< td=""><td>NA NA</td></srl<></srl </srl 	NA NA
Vinyl Chloride	<srl <srl 1050000</srl </srl 	<srl <srl< td=""><td>NA</td></srl<></srl 	NA
	<srl 1050000</srl 	<srl< td=""><td></td></srl<>	
Acetaldehyde	1050000		
lla e e e		1 1020000 1	
Methanol			3.5
1,3-Butadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromomethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorofluoromethane.	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethanol	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>NA NA</td></srl<></td></srl<>	<srl< td=""><td>NA NA</td></srl<>	NA NA
Acrolein	<srl< td=""><td><srl< td=""><td>NA NA</td></srl<></td></srl<>	<srl< td=""><td>NA NA</td></srl<>	NA NA
Acetone	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Propanol (IPA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrylonitrile	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methylene Chloride (DCM)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
TertButanol (TBA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Allyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Disulfide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Butanone (MEK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrahydrofuran	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Tetrachloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Cyclohexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

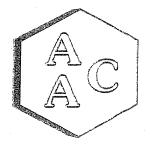
Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichloroethene (TCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>· NA</td></srl<></td></srl<>	<srl< td=""><td>· NA</td></srl<>	· NA
Heptane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2-Trichloroethane	<srl .<="" td=""><td><srl< td=""><td>NA</td></srl<></td></srl>	<srl< td=""><td>NA</td></srl<>	NA
Toluene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Tetrachloroethene (PCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chlorobenzene	<srl< td=""><td>-<srl< td=""><td>NA.</td></srl<></td></srl<>	- <srl< td=""><td>NA.</td></srl<>	NA.
Ethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
m & p-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromoform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Styrene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2,2-Tetrachloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
o-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
sopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
x-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
l-Ethyltoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,3,5-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
3-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
ec-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
laphthalene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
lexachlorobutadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.



 $^{^2}$ Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/07/2023

MATRIX: High Purity N2

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-02

CALIBRATION STD ID: MS1-061523-01

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 08/21/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery
4-BFB (surrogate standard)	9.60	9.02	94
Chlorodifluoromethane	10.40	9.61	92
Propene	10.60	9.43	89
Dichlorodifluoromethane	10.40	9.81	94
Dimethyl Ether	10.20	8.53	84
Chloromethane	10.40	9.08	87
Dichlorotetrafluoroethane	10.30	10.15	99
Vinyl Chloride	10.50	10.02	95
Acetaldehyde	21.10	24.48	. 116
Methanol	18.80	19.50	104
1,3-Butadiene	10.60	10.14	96
Bromomethane	10.40	9.94	96
Chloroethane	10.30	9.30	90
Dichlorofluoromethane	10.20	9.62	94
Ethanol	11.20	9.74	87
Vinyl Bromide	10.10	9.66	96
Acrolein	11.10	9.32	84
Acetone	10.60	9.50	90
Frichlorofluoromethane	10.50	9.66	92
2-Propanol (IPA)	11.00	10.11	92
Acrylonitrile	11.20	9.97	89
,1-Dichloroethene	10.40	9.59	92
Methylene Chloride (DCM)	10.50	9.75	93
TertButanol (TBA)	11.10	9.93	. 89
Allyl Chloride	10.20	8.95	88
Carbon Disulfide	10,50	9.40	90
richlorotrifluoroethane	10.40	9.55	92
rans-1,2-Dichloroethene	10.60	9.49	90
, l-Dichloroethane	10.50	9.18	87
Methyl Tert Butyl Ether (MTBE)	10.50	8.56	82
inyl Acetate	11.00	9.71	88
-Butanone (MEK)	10.60	9.47	89
is-1,2-Dichloroethene	10.50	9.34	89
exane	10.70	9.53	89
hloroform	10.60	9.58	90
thyl Acetate	10.60	9.47	89
etrahydrofuran	10.20	9.17	90
2-Dichloroethane	10.50	9.20	88
1,1-Trichloroethane	10.40	9.34	90
enzene	10.60	9,56	90
arbon Tetrachloride	10.20	9.26	91
yclohexane	10,50	9.25	88

Analyte Compounds (Continued)	Source 1	CCV ²	% Recovery 3
1,2-Dichloropropane	10.50	9.66	92
Bromodichloromethane	10.40	9.67	93
1,4-Dioxane	10.40	9.37	90
Trichloroethene (TCE)	10.40	9.24	89
2,2,4-Trimethylpentane	10.00	9.37	94
Methyl Methacrylate	11.00	10.38	94
Heptane	10.50	9.46	90
cis-1,3-Dichloropropene	10.40	9.61	92
4-Methyl-2-pentanone (MiBK)	10.40	9.26	89
trans-1,3-Dichloropropene	10.50	9.60	91
1,1,2-Trichloroethane	10.50	9.60	91
Toluene	10.60	9.85	93
2-Hexanone (MBK)	10.50	9.83	94
Dibromochloromethane	10.30	9.80	95
1,2-Dibromoethane	10.60	10.08	95
Tetrachloroethene (PCE)	10.40	9.88	95
Chlorobenzene	10.60	9.77	92
Ethylbenzene	10.50	10.13	96
m & p-Xylene	21.00	20.11	96
Bromoform	10.50	10.23	97
Styrene	10.50	10.17	97
1,1,2,2-Tetrachloroethane	10.50	9.09	. 87
o-Xylene	10.50	10.06	96
1,2,3-Trichloropropane	11.00	10.10	92
Isopropylbenzene (Cumene)	10.30	9.97	97
α-Pinene	10.70	8.59	80
2-Chlorotoluene	10.30	. 9.71	94
n-Propylbenzene	10.10	10.38	103
4-Ethyltoluene	10.30	10.45	101
1,3,5-Trimethylbenzene	10.30	10.12	98
β-Pinene LR	11.00	6.85	62
1,2,4-Trimethylbenzene	10.30	10.28	100
Benzyl Chloride (a-Chlorotoluene)	10.40	10.42	100
1,3-Dichlorobenzene	10.40	10.65	102
1,4-Dichlorobenzene	10.30	10.04	97
Sec-ButylBenzene	10.10	10.25	101
1,2-Dichlorobenzene	10.60	10.47	99
n-ButylBenzene	10.20	10.21	100
,2-Dibromo-3-Chloropropane	10.10	9.70	96
,2,4-Trichlorobenzene	11.00	10.35	94
Naphthalene	11.50	10.58	92
lexachlorobutadiene	11.00	10.60	96

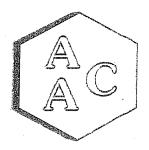
LR - Recovery for this compound was low. Results should be considered estimated.



Concentration of analyte compound in certified source standard.

² Measured result from daily Continuing Calibration Verification (CCV).

³ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/07/2023

INSTRUMENT ID: GC/MS-02

MATRIX: High Purity N₂
UNITS: PPB (v/v)

CALIBRATION STD ID: MS1-061523-01

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

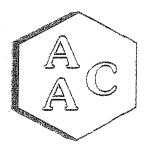
System Monitoring Compounds	Sample	Spike	LCS ¹	LCSD 1	LCS ¹	LCSD 1	RPD ³
System Monttoring Compounts	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	KPD
4-BFB (surrogate standard)	0.0	9.60	9.02	9.05	94	94	0.3
1,1-Dichloroethene	0.0	10.40	9.59	9.87	92	95 .	2.9
Methylene Chloride (DCM)	0.0	10.50	9.75	9.98	93	95	2.3
Benzene	0,0	10.60	9.56	9.81	90	93	2.6
Trichloroethene (TCE)	0.0	10.40	9.24	9.40	89	. 90	1.7
Toluene	0.0	10.60	9.85	9.74	93	92	1.1
Tetrachloroethene (PCE)	0.0	10.40	9.88	9.95	95	96	0.7
Chlorobenzene	0.0	10.60	9.77	9.84	92	93	0.7
Ethylbenzene	0.0	10.50	10.13	10.23	96	97	1.0
m & p-Xylene	0.0	21.00	20.11	20.13	96	96	0.1
o-Xylene	0.0	10.50	10.06	10.05	96	96	0.1

¹ Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)



² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/07/2023

INSTRUMENT ID: GC/MS-02

MATRIX: High Purity He or N2

UNITS: PPB (v/v)

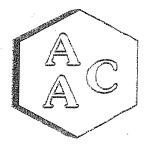
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 090723	Reporting Limit (RL)
4-BFB (surrogate standard)	87%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0 .</td></rl<>	1.0 .
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>1.0</td></rl<>	1.0
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	- <rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5
Allyl Chloride	<rl< td=""><td>1.0</td></rl<>	1.0
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>1.0</td></rl<>	1.0
2-Butanone (MEK)	<rl< td=""><td>1.0</td></rl<>	1.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
l'etrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
, l, l-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0.5</td></rl<>	0.5
Cyclohexane	<rl< td=""><td>0.5</td></rl<>	0.5

Analyte Compounds (Continued)	MB 090723	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>1.0</td></rl<>	1.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>1.0</td></rl<>	1.0
Dibromochloromethane	· <rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	. <rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>1.0</td></rl<>	1.0
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl .<="" td=""><td>0.5</td></rl>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	<rl< td=""><td>2.0</td></rl<>	2.0
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trichlorobenzene	- <rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/07/2023

INSTRUMENT ID: GC/MS-02

MATRIX : Air

ANALYST: DL/CH

UNITS: PPB (v/v)

DILUTION FACTOR¹: x5.94

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 231690-48182

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	8.32	8.85	6.2
Chlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Propene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorodifluoromethane	· <srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dimethyl Ether	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorotetrafluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetaldehyde -	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methanol	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
1,3-Butadiene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Bromomethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroethane	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
Dichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Ethanol	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrolein	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetone	22,4	22.9	2.4
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Propanol (IPA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrylonitrile	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methylene Chloride (DCM)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
TertButanol (TBA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Allyl Chloride	<srl< td=""><td><srl< td=""><td>ÑΑ</td></srl<></td></srl<>	<srl< td=""><td>ÑΑ</td></srl<>	ÑΑ
Carbon Disulfide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Frichlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
rans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,1-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
/inyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
-Butanone (MEK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
is-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
lexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
thyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
etrahydrofuran	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,2-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1.1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA NA</td></srl<></td></srl<>	<srl< td=""><td>NA NA</td></srl<>	NA NA
enzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
arbon Tetrachloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
yclohexane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichloroethene (TCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Heptane	<srl.< td=""><td><srl< td=""><td>NA</td></srl<></td></srl.<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Toluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrachloroethene (PCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethylbenzene	<srl< td=""><td>- <srl< td=""><td>NA</td></srl<></td></srl<>	- <srl< td=""><td>NA</td></srl<>	NA
m & p-Xylene	<srl< td=""><td><srl< td=""><td>NA NA</td></srl<></td></srl<>	<srl< td=""><td>NA NA</td></srl<>	NA NA
Bromoform	<srl .<="" td=""><td><srl< td=""><td>. NA</td></srl<></td></srl>	<srl< td=""><td>. NA</td></srl<>	. NA
Styrene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2,2-Tetrachloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
o-Xylene	<srl< td=""><td><srl .<="" td=""><td>NA</td></srl></td></srl<>	<srl .<="" td=""><td>NA</td></srl>	NA
1,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
sopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
x-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
l-Ethyltoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,3,5-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
3-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
ec-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
laphthalene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
lexachlorobutadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

SRL - Sample Reporting Limit (minimum)



² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

					i ()		1			(
Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman A	ng · Phone: 805	-650-1642 · I	mail: info@	aaclab.com ·	1534 Eastn		/e Suite A, Ventura, CA 93003	a, CA 93003	AAC Project No.:	
Client/Company Name	Project Name	, ED.				Analy	Analysis Requested	ă	Send Report To (Name/Email/Address)	Email/Address)
OCS Engineers	Chiquita Canyon	Caryon								
25	Project Number) • .	-							
tool schater	01204123.21		Task 22							٠
Turnaround Time	Sampler Name	le .	>	-	30791 70-1	70-15			Send Invoice To (Name/Email/Address)	'Email/Address)
	Print: Armando)	apatro		Sulson F111	1451113		<u></u>		
	Signature		#					-	PO Niimber	
☑ Rush 72 h ☐ Normal	algriduate.	Jan Co								7
Client Sample Name	Sample ID	Sampling	Sampling	Container						ple Received
Sucre Sample rading	Januare 10	Date		Type/Qty						
ms 10-0905	48426	9/5	51:01	Texlar 1	X	×				d
M806-0908	48427		10:43	7	×	×,				
5020 - 115mg	48428		50:11		> ;	×				
MS 08-090S	48429		15.6		Κ,	×				
Active - 090S	0 E 118 11		8:37		ΧŻ	X		-		3,
Chiquito-0908	48431		9:24	1	X	×		-		
MS12_0905	48432		44.6	1	X	X			Semula	Š
K+n-0905	48433		7:58	1	Χ,	×				The little of the little of
MS09-090S	h8434		10:04		X	×				Total tans
S End Lincoln-0905	48425		9:35	1	X	×		-		
MS07_090S	48436		9:15	+	× ,	X				
SCV-DAOS	4 2 437	4	7:10	1	大 _人	X				
Client Notes/Special Instructions:		:					EDD?			
							□Yes	Notes		
							□N ₀			
Print: Armando Hutado		Date 9/5/23	Received By Zackuy	Zachun	sm.tn		Date 9/5/23			
		Time 11:17	Signature:		1	•	Time (ソーソ			
Print:		Date	Received By				Date			
Signature:		Time	Signature:				Time			

CHAIN OF CUSTODY AND ANALYSIS REQUEST — Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

							,	redite itc.wo.	
Autospire it Ailarysis and Consuming - Phone: 805-650-1642 - Email: info@aaclab.com - 1534 Eastman Ave Suite A, Ventura, CA 93003	ig · Phone: 805	-65U-164Z · I	-mail: into@	aaclab.com .	1534 Eastr	nan Ave Su	lite A, Ventura	a, CA 93003	AAC Project No.:
SCS Find neg is	Chiavita					Anar	Analysis Requested	-	Send Report To (Name/Email/Address)
Project Manager Name	Project Number	ber with							
Paul Schafer	012041	01204123,21	Task 22	2					
Turnaround Time	Sampler Name					-			Send Invoice To (Name/Email/Address)
1 [Print: Hom	ando Hu	dado		307.91 10-	70-15		·	
Rush 72 h Sormal	Signature: July Month	The Diff			Sulfar FUI	Fills			PO Number
		Sampline	Sampling	Containor		-			ANG STOP
cilent sample Name	Sample ID	Date	Time	Type/Qty	-			.	
MSOS- ROOS	48438	9/5	8:50	redient 1	X	X			Padex
MS02 - 0905	48423		81.18	7	X	X			
MS03-0905	CH18h		7:23		X	X			
WS04-090S	18 HM	4	7:47	+	ス	۲,			ambie mal
						,			
				$\left \right $					
									milia e de la companya de la company
									und a perimonal and a second an
									Sie pesnum
Client Notes/Special Instructions:							EDD?		
			•				□Ves	Notes	
				-				***	
Print: Asmondo Hustado		Date 4/5/23	Received By Print:	Received By Zackny Print:	Sm.ta		Date 9/5/23		
M		Time [1:17	Signature:	12	1		Time 1414		
Print:		Date	Received By Print:	-			Date		
Signature:		Time	Signature:				Time		

AAC COC Rev 3

Issued 02/04/2021



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita Canyon

PROJECT NUMBER

: 01204123.21 Task 22

AAC PROJECT NO.

: 231751

REPORT DATE

: 09/07/2023

On September 5th, 2023, Atmospheric Analysis & Consulting, Inc. received sixteen (16) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Client ID	Lab No
MS10_0905	231751-48426	MS09_0905	231751-48434
MS06_0905	231751-48427	S End Lincoln_0905	231751-48435
MS11_0905	231751-48428	MS07_0905	231751-48436
MS08_0905	231751-48429	SCV_0905	231751-48437
Active_0905	231751-48430	MS05_0905	231751-48438
Chiquito_0905	231751-48431	MS02_0905	231751-48439
MS12_0905	231751-48432	MS03_0905	231751-48440
Rxn_0905	231751-48433	MS04_0905	231751-48441

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.

Technical Director

This report consists of 10 pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

UNITS: ppmv

PROJECT NO.: 231751 MATRIX: AIR

: 231751

SAMPLING DATE: 09/05/2023 RECEIVING DATE: 09/05/2023 ANALYSIS DATE: 09/05-06/2023 REPORT DATE: 09/07/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS10_0905	MS06_0905	MS11 0905	MS08 0905	Active 0905	Chiquito 0905
AAC ID	231751-48426	231751-48427	231751-48428	231751-48429	231751-48430	231751-48431
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 231751 MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 09/05/2023

RECEIVING DATE: 09/05/2023 ANALYSIS DATE: 09/05-06/2023

REPORT DATE: 09/07/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS12_0905	Rxn_0905	MS09_0905	S End Lincoln_0905	MS07_0905	SCV_0905
AAC ID	231751-48432	231751-48433	231751-48434	231751-48435	231751-48436	231751-48437
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	0.067	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	0.026	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	0.215	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0,010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	0.308	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 231751

UNITS: ppmv

MATRIX: AIR

SAMPLING DATE: 09/05/2023

RECEIVING DATE: 09/05/2023 **ANALYSIS DATE:** 09/06/2023

REPORT DATE: 09/07/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS05_0905	MS02_0905	MS03 0905	MS04 0905
AAC ID	231751-48438	231751-48439	231751-48440	231751-48441
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010.
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Quality Control/Quality Assurance Report **SCAQMD 307.91**

Date Analyzed: 9/5/2023

Analyst:

KM

Instrument ID: SCD#10 Calb. Date: : 07/11/2022

Units:

ppbV

Opening Calibration Verification Standard

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1813	492	98.4	0.6
Duplicate	1850	502	100.4	1.4
Triplicate	1810	491	98,3	0.8

547.5 ppbV H2S (SS1289)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2460	570	104.2	3.3
Duplicate	2333	541	98.8	2.0
Triplicate	2348	545	99.5	1.4

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2635	498	104.0	1.2
Duplicate	2530	478	99.9	2.9
Triplicate	2650	501	104.6	1.7

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< td=""></pql<>

Duplicate Analys	is		Sample ID	220521-28941
Analyte	Sample	Duplicate	Mean	% RPD ***
Allalyte	Result	Result	Mean	70 KFD
H ₂ S	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0

Matrix Spike & Duplicate Sample ID 231438-46986 x2

TIME IN SPINE CO	Dupateuce		Dumpic KD	201 100 10200	44		
Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
	Conc.	Added	Result	Result	% Rec **	% Rec **	<u> </u>
H ₂ S	<pql< td=""><td>249.9</td><td>240.6</td><td>244.7</td><td>96.3</td><td>97.9</td><td>1.7</td></pql<>	249.9	240.6	244.7	96.3	97.9	1.7
MeSH	<pql< td=""><td>273.8</td><td>263.5</td><td>248.2</td><td>96.3</td><td>90.7</td><td>6.0</td></pql<>	273.8	263.5	248.2	96.3	90.7	6.0
DMS	<pql< td=""><td>239.5</td><td>248.3</td><td>252.2</td><td>103.7</td><td>105.3</td><td>1.5</td></pql<>	239.5	248.3	252.2	103.7	105.3	1.5

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	499.8	519.6	104.0
MeSH	547.5	550.4	100.5
DMS	479.0	507.5	105.9

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD fro. ssAS

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbVDMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV



Quality Control/Quality Assurance Report **SCAQMD 307.91**

Date Analyzed: 9/5/2023

Analyst:

CM/KM

Units:

ppmV

Instrument ID: SCD-BTU Calb. Date: : 6/13/23

Opening Calibration Verification Standard

0.300 ppov H2S (SS128	<u> </u>			
H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	866	0.498	99.7	0.7
Duplicate	857	0.493	98.7	0.3
Triplicate	857	0.493	98.7	0.4
0.548 ppbV H2S (SS128)	9)			

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	867	0.527	96.2	1.4
Duplicate	874	0.531	97.0	0.6
Triplicate	897	0.545	99.5	2.0

0.479 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	828	0.457	95.3	2.2
Duplicate	850	0.469	97.8	0.4
Triplicate	862	0.475	99.2	1.8

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< td=""></pql<>
DMS	<pql< td=""></pql<>

Dunlicate	Analysis		

Duplicate Analysi	<u>s</u>		Sample ID	220521-28939	
Analyte	Sample	Duplicate	Mean	% RPD ***	
Allalyte	Result	Result		70 KPD	
H ₂ S	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0	
MeSH	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0	
DMS	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0	

220521-28939 x2 Matrix Spike & Duplicate

	TIZEREN EN PRINCE CO 25	apricate						
	Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
١		Conc.	Added	Result	Result	% Rec **	% Rec **	/0 IG D
1	H ₂ S	<pql< td=""><td>0.250</td><td>0.247</td><td>0.230</td><td>98.8</td><td>92.0</td><td>7.1</td></pql<>	0.250	0.247	0.230	98.8	92.0	7.1
١	MeSH	<pql< td=""><td>0.274</td><td>0.281</td><td>0.285</td><td>102.6</td><td>104.1</td><td>1.4</td></pql<>	0.274	0.281	0.285	102.6	104.1	1.4
١	DMS	<pql< td=""><td>0.240</td><td>0.243</td><td>0.234</td><td>101.5</td><td>97.7</td><td>3.8</td></pql<>	0.240	0.243	0.234	101.5	97.7	3.8

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.500	0.454	90.8
MeSH	0.548	0.576	105.2
DMS	0.479	0.467	97.5

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD from Mean result.

PQL = 50.0 ppbV

MDL = 1.1 ppbV



Quality Control/Quality Assurance Report **SCAQMD 307.91**

Date Analyzed: 9/6/2023

Analyst:

CM/KM

Units:

ppmV

Instrument ID: SCD-BTU Calb. Date: : 6/13/23

Opening Calibration Verification Standard

0.500 ppbV H2S (SS1289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	885	0.509	101.8	1.9
Duplicate	858	0.493	98.7	1.2
Triplicate	861	0.496	99.2	0.8

0.548 ppbV H2S (SS1289)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	903	0.549	100.2	0.0
Duplicate	901	0.547	100.0	0.2
Triplicate	905	0.550	100.5	0.3

0.479 ppbV H2S (SS1 289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	844	0.465	97.1	2.1
Duplicate	872	0.481	100.4	1.2
Triplicate	869	0.479	100.0	0.9

Method Blank

Analyte	Result	
H ₂ S	<pql< td=""></pql<>	
MeSH	<pql< td=""></pql<>	
DMS	<pql< td=""></pql<>	

Duplicate Analysis	
---------------------------	--

Duplicate Analysi	s		Sample ID	220521-28939
Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0

Matrix Spike & Duplicate

220521-28939 x2

	THE PARKS OF A							
	Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
-	TT C				 			
ļ	H ₂ S	<pql< td=""><td>0.250</td><td>0.241</td><td>0.227</td><td>96.4</td><td>90.8</td><td>6.0</td></pql<>	0.250	0.241	0.227	96.4	90.8	6.0
	MeSH	<pql< td=""><td>0.274</td><td>0.263</td><td>0.270</td><td>96.1</td><td>98.6</td><td>2.6</td></pql<>	0.274	0.263	0.270	96.1	98.6	2.6
	DMS	<pql< td=""><td>0.240</td><td>0.244</td><td>0.238</td><td>101.9</td><td>99.4</td><td>2.5</td></pql<>	0.240	0.244	0.238	101.9	99.4	2.5

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.500	0.469	93.8
MeSH	0.548	0.502	91.7
DMS	0.479	0.486	101.5

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD from Mean result.

PQL = 50.0 ppbV

MDL = 1.1 ppbV



Quality Control/Quality Assurance Report **SCAQMD 307.91**

104.9

% RPD ****

1.5

0.1

Date Analyzed: 9/6/2023

Analyst:

 $\mathbf{K}\mathbf{M}$

Units:

ppbV

Instrument ID: SCD#10 Calb. Date: : 07/11/2022

Opening Calibration Verification Standard

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1821	494	98.8	1.1
Duplicate	1871	508	101.6	1.6
Triplicate	1832	497	99.4	0.5

547.5 ppbV H2S (SS1289) MeSH Resp. (area) Result % Rec * Initial 2406 558 101.9 Duplicate 2443 567 103.5

2476

Triplicate 479.0 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2595	491	102.4	1.2
Duplicate	2642	499	104.3	0.6
Triplicate	2641	499	104.2	0.6

574

Method Blank

Analyte	Result
H ₂ S	<pql< td=""></pql<>
MeSH	<pql< td=""></pql<>
DMS	<pql< td=""></pql<>

Duplicate Analysis	5		Sample ID	220521-28941
Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0

Matrix Spike & 1	Duplicate		Sample ID	231438-46986	x2		
Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
Analyte	Conc.	Added	Result	Result	% Rec **	% Rec **	70 KFD
H ₂ S	<pql< td=""><td>249.9</td><td>240.7</td><td>238.7</td><td>96.3</td><td>95.5</td><td>0.8</td></pql<>	249.9	240.7	238.7	96.3	95.5	0.8
MeSH	<pql< td=""><td>273.8</td><td>256.1</td><td>264.0</td><td>93.6</td><td>96.4</td><td>3.0</td></pql<>	273.8	256.1	264.0	93.6	96.4	3.0
DMS	<pql< td=""><td>239.5</td><td>238.4</td><td>256.2</td><td>99.5</td><td>107.0</td><td>7.2</td></pql<>	239.5	238.4	256.2	99.5	107.0	7.2

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	499.8	458.0	91.7
MeSH	547.5	565.9	103.4
DMS	479.0	518.8	108.3

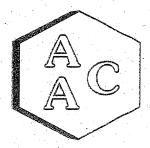
^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD fro. ssAS

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbVDMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV

CHAIN OF CUSTODY AND ANALYSIS REQUEST Chain of Custody is a LEGAL DOCUMENT	ANALYSIS	REQUEST	- Chain of (Custody is a L	EGAL DOCU	MENT. Con	Complete all relevant fields	vant fields.	
Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Av	ng · Phone: 805	-650-1642 · E	mail: info@	aaciab.com ·	1534 Eastn	an Ave Sui	e Suite A, Ventura, CA 93003	, CA 93003	AAC Project No.:
Client/Company Name	Project Name					Analy	Analysis Requested		Send Report To (Name/Email/Address)
SCS Engineers	Chiquita Canyon	Carpon							
Project Manager Name Paul Schafer	01204/23-21	7	tesk 22						
Turnaround Time	Sampler Name		-		3079 70-19	21-07			Send Invoice To (Name/Email/Address)
7 [7]	Print: Armando		whole		SUSSI FILL	151 15			
7 -	Signature:		A						PO Number
⊠ Rush /2 h □ Normal	600	C	ć	•					
Client Sample Name	Sample ID	Sampling	Sampling	Container					
sapo_oism	n 842 (a	2/6	70.7	Text los	X	X			
NS 05 - 0908	7248H	_	shio Shio	7	Χ,	X			
5000 - 115m	48428		S0:11		>	X			
MS 08- 20 SM	48429		18:6		Κ,	X			
Active -0905	0 E 118 h		8:37	1	Χ'	メ			
Chiquito-0908	48431		9:24	+	×;	\times			
MS12-0905	12h2h		111.6	1	X	X			
R+n-0905	48433		7:58		Х.	X			
MSD9-0905	78234 1		10:04	1	Χ',	×			
8 End Lincoln-0905	48425		9:35	+	Χ',	×			
MS07_070S	48436		51.75	1	X ,	X			
SCV_DA0S	18437	4	7:10	1	<u>ک</u> ر	X			
Client Notes/Special Instructions:							EDD?		
	. *						□Yes	Notage	
							No		
Print: Armando Hustado		Date 9/5/23	Received By Zachwy	Zachas	Sur. to		Date 9/5/23		
Signature Land Hatt		Time (1:17	Signature:		7		Time 1414		
Reinquisned By Print:	***************************************	Date	Received By				Date		
Signature:		Time	Signature:			·	Time		

CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

	2 22 40 2 E	The State of the S	CHair Or	Castody is a FEONE DOCOINTE	במאר מלילים	OIVILIA I. CO	infrience and i	CICACHT HEN	u J.		(
Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003	າຮິ · Phone: 805	-650-1642 · I	mail: info@	aaciab.com ·	1534 Eastr	man Ave Su	ite A, Vent	ura, CA 930		AAC Project No.:	•
Client/Company Name	Project Name	'				Analy	Analysis Requested	ted	·	Send Report To (Name/Email/Address)	Name/Email/Address)
SCS Englineers	Chiquit	Chiquita Canson	, mass								
Project Manager Name	Project Number	er "		,							
Paul Schafer	1 20210	01204123.21 Task 22	task 2	2							
Turnaround Time	Sampler Name	ō								Send invoice To (Name/Email/Address)	Name/Email/Address)
	Print: Hymando Hutalo	E Charles	The So		307-91 To-	20-07	,	~~~			
☐ Rush 72 h ☐ Normal	Signature:	Chi Ditt	THE COURT NAVY		2018	Fallest				PO Number	
	6										
Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty					de la companya de la		
MSOS- ROOS	86h8h	9/5	8:50	redicus !	X	X			2 · · · · · ·		
MS02 - 0905	48473		8:19		X	×	·		2011 D		DUPS:
MS03-0905	GHASH	-	7:23		X,	X					
W504 - 0905	1448h	4	7:47	#	ス	X			en en en		
									alu-sin		
									njorda		
									NG Jank		
									MANA MANA		Total cans
									wathing a		
									7.1922		
									dia ne		
Client Notes/Special Instructions:	•						EDD?				
							□Yes				
				*	•	,	□N ₀				
Print: Almanda Hustanda		Date 4/3/23	Received By	Received By Zachan	Sm.ta	·	Date 9/5/23	72			
Signature: Jen Mit		Time (1:17	Signature:				Lime (1) 7				
Reinquished By Print:		Date	Received By	T.			Date				
Signature:	٠	Time	Signature:				Time				



CLIENT **PROJECT NAME** SCS Engineers Chiquita (OFF)

PROJECT NO.

01204123.21 Task 22

AAC PROJECT NO.

231801 Rev 1

REPORT DATE

: 11/15/2023

On September 12, 2023, Atmospheric Analysis & Consulting, Inc. received sixteen (16) Tedlar Bags for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Client ID	Lab ID
MS-10	231801-48648	MS-08	231801-48656
MS-07	231801-48649	Chiquito Cyn	231801-48657
MS-11	231801-48650	MS-03	231801-48658
MS-06	231801-48651	Working Face	231801-48659
SCV	231801-48652	MS-04	231801-48660
S End Lincoln	231801-48653	MS-05	231801-48661
MS-09	231801-48654	MS-02	231801-48662
MS-12	231801-48655	Reaction	231801-48663

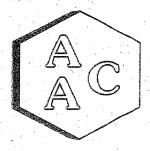
This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. These samples were received in Tedlar Bags, which are considered inappropriate containers by EPA Method TO-15. Per NELAC requirements the analytical results should be considered estimated for these samples. No other problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report. If you have any questions or require further explanation of data results, please contact the undersigned.

Technical Directo

Amended Report 231801 Rev 1 supersedes Original Report 231801. The amended report was issued on 11/15/2023. A malfunction in the autosampler for the analytical instrument was discovered, where no sample volume was analyzed, leading to the undetected results observed for each analyte in all samples.



Laboratory Analysis Report

CLIENT: SCS Engineers
PROJECT NO: 231801 Rev 1

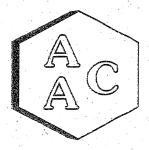
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 09/12/2023

DATE REPORTED: 11/15/2023

ANALYST: MB

Client ID		MS-10		Sample		MS-07		Sample	
AACID		231801-486		Reporting	<u> </u>	231801-486		Reporting	Method
Date Sampled		09/12/202		1	- 1	09/12/202			Reporting
Date Analyzed		09/13/202	3	Limit		09/13/202	3	Limit	Limit
Can Dilution Factor		1.00] (SRL) [4 1 1 4 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MIKL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1 . 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1 . 1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1 . 1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ŭ	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	SRL SRL	U	1	5.00	<srl< td=""><td>U</td><td>1</td><td>5.00</td><td>5.00</td></srl<>	U	1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U .	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	U	. 1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	<srl< td=""><td>U</td><td>1</td><td>2,00</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2,00	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U.	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>i</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>i</td><td>2.00</td><td>2.00</td></srl<>	U	i	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	. 1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>· <srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	· <srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	i	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
2-Butanone (MEK)	- <srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1 1	0.50	0.50
Chloroform	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1 1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Fetrahydrofuran Tetrahydrofuran	<srl< td=""><td>Ü</td><td>- 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	- 1	0.50	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1 1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>l i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1 1	0.50	<srl< td=""><td>Ü</td><td>l i</td><td>0.50</td><td>0.50</td></srl<>	Ü	l i	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
Benzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>T i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>T i</td><td>0.50</td><td>0.50</td></srl<>	Ü	T i	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers
PROJECT NO: 231801 Rev 1

MATRIX : AIR
UNITS : PPB (v/v)

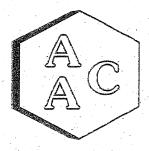
DATE RECEIVED : 09/12/2023

DATE REPORTED: 11/15/2023

ANALYST: MB

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID		MS-10 231801-486	648	Sample		MS-07 231801-486	49	Sample	Method
Date Sampled		09/12/202		Reporting		09/12/202		Reporting	Reporting
Date Analyzed		09/13/202		Limit	 	09/13/202		Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	The second second
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	. <srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>^ <srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	^ <srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	U	. 1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
cis-1,3-Dichloropropene	<srl< td=""><td>U,</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U,	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1_</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1_</td><td>0.50</td><td>0.50</td></srl<>	U	1_	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1.</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1.</td><td>0.50</td><td>0.50</td></srl<>	Ū	1.	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>· <srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	· <srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ü</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	. 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl.< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>· <srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl.<>	Ŭ	1	0.50	· <srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>~ 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	~ 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xvlene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1 ·</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1 ·</td><td>0.50</td><td>0.50</td></srl<>	Ū	1 ·	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>.<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	. <srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1-</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1-	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1 1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1 1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>l i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	l i	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
BFB-Surrogate Std. % Recovery		113%	i -		~~~	109%			70-130%



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231801 Rev 1

MATRIX : AIR
UNITS : PPB (v/v)

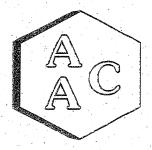
DATE RECEIVED: 09/12/2023

DATE REPORTED: 11/15/2023

ANALYST: MB

Client ID AAC ID	3	MS-11 231801-486		Sample		MS-06 231801-486	51	Sample	Method
Date Sampled		09/12/202	3	Reporting		09/12/202	3	Reporting	Reporting
Date Analyzed		09/14/202	3	Limit	1 .	09/13/202		Limit	Limit
Can Dilution Factor	4.	1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MIKL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>5.00</td><td><srl< td=""><td>U</td><td>1</td><td>5.00</td><td>5.00</td></srl<></td></srl<>	U	1	5.00	<srl< td=""><td>U</td><td>1</td><td>5.00</td><td>5.00</td></srl<>	U	1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	<srl< td=""><td>U</td><td>1.</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1.	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Acetone	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U.</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U.</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U.	1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<>	Ū	1 .	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U .</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U .</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U .	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>.1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>.1</td><td>2.00</td><td>2.00</td></srl<>	U	.1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U.	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>·U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	·U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U ·</td><td>-1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U ·</td><td>-1</td><td>0.50</td><td>0.50</td></srl<>	U ·	-1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>.0.50</td><td><srl< td=""><td>. U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	.0.50	<srl< td=""><td>. U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	. U	1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>- U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>- U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	- U	1	0.50	0,50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>.U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>.U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	.U	1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ŭ</td><td>1 .</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1 .	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	<srl< td=""><td>U ·</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U ·	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50





Laboratory Analysis Report

CLIENT: SCS Engineers
PROJECT NO: 231801 Rev 1

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 09/12/2023

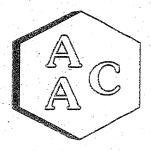
DATE REPORTED: 11/15/2023

ANALYST: MB

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-11		Sample		MS-06		Sample	. ,
AAC ID		231801-486				231801-486			Method
Date Sampled		09/12/202		Reporting		09/12/202		Reporting	Reporting
Date Analyzed		09/14/202	3	Limit		09/13/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(WIKL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U ·</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U ·</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U ·	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl></srl>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	U	. 1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>. U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>. U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	. U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	<srl< td=""><td>Ú</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ú	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
m & p-Xvlene	- <srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Styrene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2.2-Tetrachloroethane	· <srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>. <srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	. <srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
o-Xylene	<srl< td=""><td>Ū.</td><td>1</td><td>0.50</td><td><srl.< td=""><td>Ü</td><td>1 .</td><td>0.50</td><td>0.50</td></srl.<></td></srl<>	Ū.	1	0.50	<srl.< td=""><td>Ü</td><td>1 .</td><td>0.50</td><td>0.50</td></srl.<>	Ü	1 .	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ù</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ù	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	Ü	ī	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>ĩ</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>ĩ</td><td>0.50</td><td>0.50</td></srl<>	Ü	ĩ	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i i	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>U</td><td>l i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	l i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i i	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
BFB-Surrogate Std. % Recovery		105%	<u> </u>	• • • • • • • • • • • • • • • • • • • •		111%		<u> </u>	70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

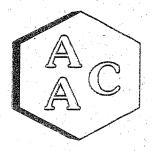
PROJECT NO: 231801 Rev 1

MATRIX : AIR UNITS : PPB (v/v) **DATE RECEIVED: 09/12/2023**

DATE REPORTED: 11/15/2023

ANALYST: MB

Client ID	- 7	SCV	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	GI		S End Line	oln		
AAC ID		231801-486	52	Sample		231801-486	53	Sample	Method
Date Sampled		09/12/202	3	Reporting		09/12/202	3	Reporting	Reporting
Date Analyzed		09/14/202	3	Limit		09/14/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MIKL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>. 1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	. 1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U.	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U·</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U·	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Methanol	<srl< td=""><td>U.</td><td>1</td><td>5.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>5.00</td><td>5.00</td></srl<></td></srl<>	U.	1	5.00	<srl< td=""><td>Ū</td><td>1</td><td>5.00</td><td>5.00</td></srl<>	Ū	1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1.</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1.</td><td>0.50</td><td>0.50</td></srl<>	U	1.	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>,Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>,Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	,Ū	1	0.50	0.50
Ethanol	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>· <srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	· <srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2:00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2:00</td></srl<>	U	1	2.00	2:00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>· U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	· U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl.< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl.<></td></srl<>	U	1	0.50	<srl.< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl.<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>. 1</td><td>0.50</td><td>0:50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>. 1</td><td>0.50</td><td>0:50</td></srl<>	Ü	. 1	0.50	0:50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>. 1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	. 1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>. 1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>. 1</td><td>1.00</td><td>1.00</td></srl<>	U	. 1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>·U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>·U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	·U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1 1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>1 1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1 1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	Ü	. 1	0.50	0.50
Hexane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>Î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	ī	0.50	<srl< td=""><td>Ŭ</td><td>Î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	Î	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Benzene	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231801 Rev 1

MATRIX : AIR
UNITS : PPB (v/v)

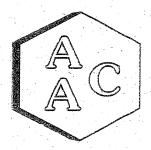
DATE RECEIVED: 09/12/2023

DATE REPORTED: 11/15/2023

ANALYST: MB

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	4	SCV		Sample		S End Linc	oln	6	
AAC ID		231801-486				231801-486	53	Sample	Method
Date Sampled		09/12/202	3	Reporting		09/12/202	3	Reporting	Reporting
Date Analyzed		09/14/202	3	Limit	100	09/14/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(WIKL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl :<="" td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl></td></srl<>	U	1	0.50	<srl :<="" td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>· <srl< td=""><td>U ·</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	· <srl< td=""><td>U ·</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U ·	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	. 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>. · <srl< td=""><td>U</td><td>1.</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	. · <srl< td=""><td>U</td><td>1.</td><td>0,50</td><td>0.50</td></srl<>	U	1.	0,50	0.50
4-Methyl-2-pentanone (MiBK)	. <srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>.0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>.0.50</td><td>0.50</td></srl<>	U	1	.0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ū.</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū.	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ü	1	0.50	0,50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ.</td><td>1 - 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ.</td><td>1 - 1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ.	1 - 1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü.</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü.</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü.	i	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>ì</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>ì</td><td>0.50</td><td>0.50</td></srl<>	Ü	ì	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü.</td><td>, 1</td><td>0.50</td><td><srl< td=""><td>ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü.	, 1	0.50	<srl< td=""><td>ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	ŭ	i	0.50	0.50
BFB-Surrogate Std. % Recovery		109%				109%	i		
BFB-Surrogate Std. % Recovery		109%				109%			70-130%



Laboratory Analysis Report

CLIENT: SCS Engineers

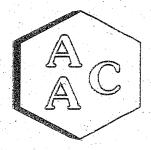
PROJECT NO: 231801 Rev 1

MATRIX : AIR UNITS : PPB (v/v) **DATE RECEIVED: 09/12/2023**

DATE REPORTED: 11/15/2023

ANALYST: MB

Client ID		MS-09		Sample		MS-12		Sample	
AAC ID		231801-486	554	1 1		231801-486	555		Method
Date Sampled		09/12/202	3	Reporting		09/12/202	3	Reporting	Reporting
Date Analyzed		09/14/202	3	Limit	, 147 m	09/14/202	3	Limit	Limit
Can Dilution Factor		1.00] (SRL) [1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MIKL)
Chlorodifluoromethane	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U.	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1.</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1.</td><td>1.00</td><td>1.00</td></srl<>	U	1.	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	. <srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>5.00</td><td><srl< td=""><td>U</td><td>1</td><td>5.00</td><td>5.00</td></srl<></td></srl<>	U	1	5.00	<srl< td=""><td>U</td><td>1</td><td>5.00</td><td>5.00</td></srl<>	U	1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U -</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U -</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U -	1	0.50	0.50
Ethanol	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>· U</td><td>1</td><td>2:00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>· U</td><td>1</td><td>2:00</td><td>2.00</td></srl<>	· U	1	2:00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U.	1	0.50	0.50
Acetone	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1.</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1.	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1 .</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1 .	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl .<="" td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl></td></srl<>	U	1	0.50	<srl .<="" td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl>	Ū	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ü</td><td>.1</td><td>1.00</td><td><srl -<="" td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl></td></srl<>	Ü	.1	1.00	<srl -<="" td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl>	Ü	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ū</td><td>i</td><td>1.00</td><td><srl₁< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl₁<></td></srl<>	Ū	i	1.00	<srl₁< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl₁<>	Ū	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1 1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Vinvl Acetate	<srl< td=""><td>Ü</td><td>l i</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>l i</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	l i	1.00	<srl< td=""><td>Ü</td><td>l i</td><td>1.00</td><td>1.00</td></srl<>	Ü	l i	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>Ü</td><td>ĺ</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>l î .</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	ĺ	1.00	<srl< td=""><td>Ü</td><td>l î .</td><td>1.00</td><td>1.00</td></srl<>	Ü	l î .	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>l i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>l i</td><td>0.50</td><td>0.50</td></srl<>	Ü	l i	0.50	0.50
Hexane	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>ΨŬ</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1 1	0.50	<srl< td=""><td>ΨŬ</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	ΨŬ	1 1	0.50	0.50
Chloroform \(\)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	Ü	ī	0.50	0.50
Ethyl Acetate	<srl< td=""><td>Ü</td><td>l î</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	l î	0.50	<srl< td=""><td>Ū</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ū	î	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>l î</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	l î	0.50	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1 1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>. U</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>-1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	. U	1 1	0.50	<srl< td=""><td>Ū</td><td>-1</td><td>0.50</td><td>0.50</td></srl<>	Ū	-1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>l î</td><td>0.50</td><td><srl.< td=""><td>Ū.</td><td>1</td><td>0.50</td><td>0.50</td></srl.<></td></srl<>	Ü	l î	0.50	<srl.< td=""><td>Ū.</td><td>1</td><td>0.50</td><td>0.50</td></srl.<>	Ū.	1	0.50	0.50
Benzene	<srl< td=""><td>Ŭ</td><td>1 . î</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1 . î	0.50	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1 1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231801 Rev 1

MATRIX : AIR
UNITS : PPB (v/v)

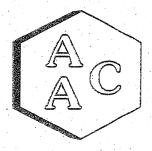
DATE RECEIVED: 09/12/2023

DATE REPORTED: 11/15/2023

ANALYST: MB

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID	7	MS-09 231801-486		Sample		MS-12 231801-486	55	Sample	Method
Date Sampled		09/12/202		Reporting		09/12/202		Reporting	Reporting
Date Analyzed		09/14/202	3	Limit		09/14/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MINE)
Carbon Tetrachloride	<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>- 0.50</td><td>0.50</td></srl<></td></srl<>	U .	1	0.50	<srl< td=""><td>U</td><td>1</td><td>- 0.50</td><td>0.50</td></srl<>	U	1	- 0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>≪SRL</td><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	≪SRL	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1,</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1,</td><td>0.50</td><td>0.50</td></srl<>	U	1,	0.50	0.50
Heptane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U,</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U,</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U,	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>′ U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>′ U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	′ U	1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl .<="" td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl></td></srl<>	U	1	2.00	<srl .<="" td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	· U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ŭ</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	. 1	0.50	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U.	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	' <srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Bromoform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	U	. 1	0.50	0.50
Styrene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td><srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 .	0.50	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U.	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü.</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü.	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
BFB-Surrogate Std. % Recovery		106%				109%			70-130%



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231801 Rev 1

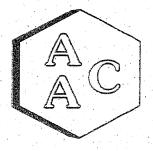
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 09/12/2023

DATE REPORTED: 11/15/2023

ANALYST: MB

Client ID		MS-08		Sample		Chiquito C		Sample	
AACID		231801-486				231801-486			Method
Date Sampled	-	09/12/202		Reporting		09/12/202		Reporting	Reporting
Date Analyzed		09/13/202	3	Limit		09/13/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MIKL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1 ,</td><td>0.50</td><td><srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 ,	0.50	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	U	. 1	0.50	0.50
Propene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U.	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>5.00</td><td><srl< td=""><td>· U</td><td>1</td><td>5.00</td><td>5.00</td></srl<></td></srl<>	U	1	5.00	<srl< td=""><td>· U</td><td>1</td><td>5.00</td><td>5.00</td></srl<>	· U	1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>Ü.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	. 1	0.50	<srl< td=""><td>Ü.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü.	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	· U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<>	Ü	1 .	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>. <srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	. <srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Ethanol	<srl< td=""><td>U.</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>i</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U.	1	2.00	<srl< td=""><td>Ü</td><td>i</td><td>2.00</td><td>2.00</td></srl<>	Ü	i	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 .	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.00	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
Acrylonitrile	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	U	1 1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U .	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>ं ने</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>ं ने</td><td>1.00</td><td>1.00</td></srl<>	Ü	ं ने	1.00	1.00
Carbon Disulfide	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1 1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>l i</td><td>0.50</td><td>. <srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	l i	0.50	. <srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1 1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>Ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>Ī</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	Ī	0.50	0.50
Vinyl Acetate	<srl< td=""><td>· Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ŭ</td><td>Î</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	· Ü	1	1.00	<srl< td=""><td>Ŭ</td><td>Î</td><td>1.00</td><td>1.00</td></srl<>	Ŭ	Î	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ŭ</td><td>i i</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>Ŭ</td><td>i i</td><td>1.00</td><td>1.00</td></srl<>	Ŭ	i i	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>Ī</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	Ī	0.50	<srl< td=""><td>Ŭ</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i i	0.50	0.50
Hexane	<srl< td=""><td>Ŭ</td><td>l i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	l i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroform	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>ĺ</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ŭ</td><td>ĺ</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	ĺ	0.50	0.50
Ethyl Acetate	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>l i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	î	0.50	<srl< td=""><td>Ŭ</td><td>l i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	l i	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>l i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>l i</td><td>0.50</td><td>0.50</td></srl<>	Ü	l i	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>Ü</td><td>Î</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>Î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	Î	0.50	<srl< td=""><td>Ü</td><td>Î</td><td>0.50</td><td>0.50</td></srl<>	Ü	Î	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>l î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td>l î</td><td>0.50</td><td>0.50</td></srl<>	Ü	l î	0.50	0.50
Benzene	<srl< td=""><td>Ū</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1 1	0.50	<srl< td=""><td>Ü</td><td> </td><td>0.50</td><td>0.50</td></srl<>	Ü	 	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231801 Rev 1

MATRIX : AIR
UNITS : PPB (v/v)

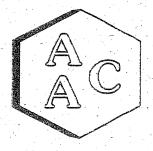
DATE RECEIVED: 09/12/2023

DATE REPORTED: 11/15/2023

ANALYST: MB

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID		MS-08 231801-486		Sample	7.5	Chiquito C 231801-486	557	Sample	Method
Date Sampled		09/12/202		Reporting	, e e e e e	09/12/202		Reporting	Reporting
Date Analyzed		09/13/202	3	Limit		09/13/202	3	Limit	Limit
Can Dilution Factor	ļ	1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MINE)
Carbon Tetrachloride	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	U	. 1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>SRL</td><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	SRL	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl .'<="" td=""><td>U</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl>	U	1 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>Ū.</td><td>1 .</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū.	1 .	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1 -</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 -	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	U	. 1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U .</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U .</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	U .	. 1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>. 1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>. 1</td><td>1.00</td><td>1.00</td></srl<>	Ü	. 1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U -</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U -	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	· <srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ù</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ù</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ù	1	0.50	0.50
o-Xylene	<srl< td=""><td>- U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	- U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>. U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	. U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū.	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1°</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1°</td><td>0.50</td><td>0.50</td></srl<>	Ū	1°	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
BFB-Surrogate Std. % Recovery	1	106%	 	· · · · · · · · · · · · · · · · · · ·		110%	l		70-130%



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231801 Rev 1

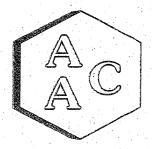
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 09/12/2023

DATE REPORTED: 11/15/2023

ANALYST: MB

Client ID		MS-03		Sample		Working Fa	ace	Commis	
AAC ID	1	231801-486	558			231801-486	59	Sample	Method
Date Sampled		09/12/202	3	Reporting		09/12/202	3	Reporting	Reporting
Date Analyzed		09/14/202	3	Limit		09/13/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MKL)
Chlorodifluoromethane		U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U .</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U .	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U.</td><td>1.</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U.	1.	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Vinyl Chloride	. <srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Methanol	<srl< td=""><td>U</td><td>- 1</td><td>5.00</td><td><srl< td=""><td>U</td><td>1</td><td>5.00</td><td>5.00</td></srl<></td></srl<>	U	- 1	5.00	<srl< td=""><td>U</td><td>1</td><td>5.00</td><td>5.00</td></srl<>	U	1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>Ŭ.</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ.	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl.< td=""><td>. U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl.<>	. U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	<srl< td=""><td>Ü.</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü.	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Vinvl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>· U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>· U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	· U	1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>Ü</td><td>1 1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1 1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>Ŭ.</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ŭ.	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>· 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	· 1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td><srl< td=""><td>U.</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 .	0.50	<srl< td=""><td>U.</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U.	i	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i	0.50	0.50
Vinvl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>SRL .</td><td>U</td><td>-1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	SRL .	U	-1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>Ū.</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū.	1 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>Ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>Ī</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	Ī	0.50	0.50
Ethyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>Ī</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>l î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	Ī	0.50	<srl< td=""><td>Ŭ</td><td>l î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	l î	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i i	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>Ī Ī</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	Ī Ī	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Benzene	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>Ü</td><td>i î</td><td>0.50</td><td>0.50</td></srl<>	Ü	i î	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231801 Rev 1

MATRIX : AIR
UNITS : PPB (v/v)

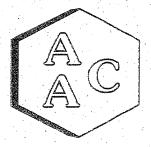
DATE RECEIVED: 09/12/2023

DATE REPORTED: 11/15/2023

ANALYST: MB

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID	,	MS-03 231801-486	58	Sample		Working Fa 231801-486		Sample	Method
Date Sampled	 	09/12/202		Reporting		09/12/202		Reporting	
Date Analyzed		09/14/202		Limit		09/13/202		Limit	Reporting
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>Ū</td><td>. 1 `</td><td>2.00</td><td><\$RL</td><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	. 1 `	2.00	<\$RL	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>· U.</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>- 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U.	1	0.50	<srl< td=""><td>U</td><td>- 1</td><td>0.50</td><td>0.50</td></srl<>	U	- 1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U,</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U,	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ū.</td><td>1</td><td>1.00</td><td>-<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū.	1	1.00	- <srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>U ·</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U ·	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>Ū</td><td>1.</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1.	0.50	<srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i i	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U-</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U-</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U-	1	1.00	1.00
Bromoform	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U.	1	0.50	<srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i i	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0,50</td></srl<>	U	i	0.50	0,50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
o-Xvlene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	i	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>Ī.</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>Ī.</td><td>0.50</td><td>0.50</td></srl<>	Ü	Ī.	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>l î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>l î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	l î	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>Î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>Î</td><td>0.50</td><td>0.50</td></srl<>	Ü	Î	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü.</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü.	1	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>ΙÏ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>ΙÏ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	ΙÏ	i	0.50	0.50
BFB-Surrogate Std. % Recovery		107%		. 0.50	-0,00	109%		0.50	70-130%



Laboratory Analysis Report

CLIENT: SCS Engineers
PROJECT NO: 231801 Rev 1

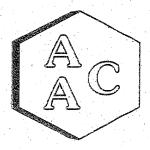
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 09/12/2023

DATE REPORTED: 11/15/2023

ANALYST: MB

Client ID		MS-04		1 . 1		MS-05	· · · · · · · · · · · · · · · · · · ·		
AACID		231801-486	560	Sample		231801-486	61	Sample	Method
Date Sampled	····	09/12/202		Reporting		09/12/202	3	Reporting	Reporting
Date Analyzed		09/14/202		Limit		09/13/202		Limit	Limit
Can Dilution Factor		1.00	 	(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U.	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U .</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U .	1	0.50	0.50
Methanol	<srl< td=""><td>U</td><td>. 1</td><td>5.00</td><td><srl< td=""><td>U</td><td>1</td><td>5.00</td><td>5.00</td></srl<></td></srl<>	U	. 1	5.00	<srl< td=""><td>U</td><td>1</td><td>5.00</td><td>5.00</td></srl<>	U	1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl.< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl.<></td></srl<>	U	1	0.50	<srl.< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl.<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	U	1 1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>. <srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	. <srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>≪SRL</td><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	≪SRL	U	1	0.50	0.50
Ethanol	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>≼SRL</td><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	≼SRL	U	1	0.50	0.50
Acetone	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<>	U	1 .	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Acrylonitrile	. <srl< td=""><td>U</td><td>e 1</td><td>0.50</td><td><srl .<="" td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl></td></srl<>	U	e 1	0.50	<srl .<="" td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl>	U	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>· • U .</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· • U .	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U,</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U,</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U,	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1.</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>Ū</td><td>1.</td><td>1.00</td><td>1.00</td></srl<>	Ū	1.	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>Ū</td><td>. 1</td><td>1.00</td><td><srl< td=""><td>Ü.</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	. 1	1.00	<srl< td=""><td>Ü.</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü.	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Π</td><td>1</td><td>0.50</td><td><srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Π	1	0.50	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U.	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>· U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>· U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	· U	. 1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U.	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	U	. 1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	<srl< td=""><td>· II</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· II	1 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231801 Rev 1

MATRIX : AIR
UNITS : PPB (v/v)

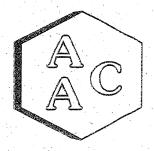
DATE RECEIVED: 09/12/2023

DATE REPORTED: 11/15/2023

ANALYST: MB

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID		MS-04 231801-486	60	Sample	· ·	MS-05 231801-486	6 1	Sample	Method
Date Sampled		09/12/202		Reporting		09/12/202		Reporting	Reporting
Date Sampled Date Analyzed	-	09/14/202		Limit		09/13/202		Limit	
Can Dilution Factor	-	1.00		(SRL)		1.00	 	(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
2.2.4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	· <srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>. <srl< td=""><td>. U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	. <srl< td=""><td>. U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	. U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1.</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1.</td><td>2.00</td><td>2.00</td></srl<>	U	1.	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U.	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl td="" ·<=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl></td></srl<>	U	1	0.50	<srl td="" ·<=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl>	Ü	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ū ·</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū ·	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1.</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1.	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>J 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>J 1</td><td>0.50</td><td>0.50</td></srl<>	U	J 1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	. 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ,</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ,</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ,	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ū,</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū,	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	. 1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ū	1	0.50	0,50
1,2-Dichlorobenzene	<srl.< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl.<>	Ū	1	0.50	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U.	1	0.50	0.50
1,2,4-Trichlorobenzene	~ <srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>, U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>, U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	, U	1	0.50	0.50
Hexachlorobutadiene	<\$RL	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
BFB-Surrogate Std. % Recovery		108%				110%			70-130%



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231801 Rev 1

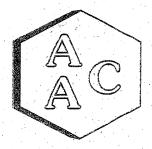
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 09/12/2023

DATE REPORTED: 11/15/2023

ANALYST: MB

Client ID AAC ID		MS-02 231801-486	(6)	Sample		Reaction 231801-486		Sample	Method
	- 1	09/12/202		Reporting		09/12/202		Reporting	
Date Sampled		09/12/202		Limit	• • •			Limit	Reporting
Date Analyzed		1.00	<u> </u>			09/14/202	3 .		Limit
Can Dilution Factor				(SRL)	·	1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 .	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1.</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1.</td><td>1.00</td><td>1.00</td></srl<>	U	1.	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	<srl< td=""><td>U /</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U /	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>υ.,</td><td>1</td><td>0.50</td><td><srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	υ.,	1	0.50	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U.	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	<srl< td=""><td>Ü</td><td>, 1</td><td>5.00</td><td><srl< td=""><td>U</td><td>1</td><td>5.00</td><td>5.00</td></srl<></td></srl<>	Ü	, 1	5.00	<srl< td=""><td>U</td><td>1</td><td>5.00</td><td>5.00</td></srl<>	U	1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	Ū	. 1	0.50	0.50
Bromomethane	<srl< td=""><td>: U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	: U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1.</td><td>0.50</td><td><srl .<="" td=""><td>U</td><td>1.</td><td>0.50</td><td>0.50</td></srl></td></srl<>	U	1.	0.50	<srl .<="" td=""><td>U</td><td>1.</td><td>0.50</td><td>0.50</td></srl>	U	1.	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>.0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>.0.50</td><td>0.50</td></srl<>	U	1	.0.50	0.50
Ethanol	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1. 1.</td><td>0.50</td><td><srl.< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl.<></td></srl<>	U	1. 1.	0.50	<srl.< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl.<>	U	1	0.50	0.50
Acetone	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū.</td><td>· 1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.00	<srl< td=""><td>Ū.</td><td>· 1</td><td>2.00</td><td>2.00</td></srl<>	Ū.	· 1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>· <srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	· <srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1 1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1 .</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1 1	1.00	<srl< td=""><td>U</td><td>1 .</td><td>1.00</td><td>1.00</td></srl<>	U	1 .	1.00	1.00
Carbon Disulfide	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2,00</td></srl<></td></srl<>	Ü	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2,00</td></srl<>	U	1	2.00	2,00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ŭ</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	ī	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ü	1	0.50	0,50
Ethyl Acetate	<srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i i	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	î	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>ì</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>ì</td><td>0.50</td><td>0.50</td></srl<>	Ü	ì	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i i	0.50	0.50
Benzene	<srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i i	0.50	<srl< td=""><td>Ŭ</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i i	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers
PROJECT NO: 231801 Rev 1

MATRIX : AIR
UNITS : PPB (v/v)

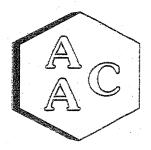
DATE RECEIVED: 09/12/2023

DATE REPORTED: 11/15/2023

ANALYST: MB

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID		MS-02 231801-48662 Sample			Reaction 231801-486		Sample	Method	
Date Sampled	09/12/2023 09/13/2023		Reporting	09/12/2023			Reporting Reportin		
Date Analyzed				Limit	09/14/2023			Limit	
Can Dilution Factor	4	1.00		(SRL)		1.00		(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl td="" ·<=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl>	Ü	1	0.50	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U.	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ů</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ů</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ů	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1 :</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1 :</td><td>2.00</td><td>2.00</td></srl<>	U	1 :	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1 .</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1 .</td><td>1.00</td><td>1.00</td></srl<>	U	1 .	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>Ŭ</td><td>1.</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1.	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ.	1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1.</td><td>2.00</td><td><srl< td=""><td>U</td><td>1 ` `</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1.	2.00	<srl< td=""><td>U</td><td>1 ` `</td><td>2.00</td><td>2.00</td></srl<>	U	1 ` `	2.00	2.00
Dibromochloromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U.	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1.</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1.</td><td>0.50</td><td>0.50</td></srl<>	U	1.	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ.</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ.</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ.	. 1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0:50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0:50</td><td>0.50</td></srl<>	U	1	0:50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>-1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>-1</td><td>0.50</td><td>0.50</td></srl<>	U	-1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl .<="" td=""><td>U</td><td>. 1</td><td>0.50</td><td>. 0.50</td></srl></td></srl<>	U	1	0.50	<srl .<="" td=""><td>U</td><td>. 1</td><td>0.50</td><td>. 0.50</td></srl>	U	. 1	0.50	. 0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ū ·</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0:50</td></srl<></td></srl<>	Ū ·	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0:50</td></srl<>	U	1	0.50	0:50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
BFB-Surrogate Std. % Recovery		113%				108%			70-130%



Analyte Compounds (Continued)

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/13/2023

MATRIX: High Purity N₂

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-03

CALIBRATION STD ID: MS1-051623-01

ANALYST: MB

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 07/17/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery.
4-BFB (surrogate standard)	9.40	10.66	113
Chlorodifluoromethane	5.20	4.73	91
Propene	5.30	4.56	86
Dichlorodifluoromethane	5.20	5.30	102
Dimethyl Ether	5.10	4,21	83
Chloromethane	5.20	4.62	89
Dichlorotetrafluoroethane	5.15	5.20	101
Vinyl Chloride	5.25	4.95	94
Acetaldehyde	10.55	8.89	84
Methanol	9.40	6.71	71
1,3-Butadiene	5.30	4.79	90
Bromomethane	5.20	5.94	114
Chloroethane	5.15	4.54	88
Dichlorofluoromethane	5.10	5.16	101
Ethanol	5.60	4.62	83
Vinyl Bromide	5.05	5.25	104
Acrolein	5.55	4.95	89
Acetone	5.30	4.66	88
Trichlorofluoromethane	5.25	5.69	108
2-Propanol (IPA)	5.50	4.10	75
Acrylonitrile	5.60	4.97	89
1,1-Dichloroethene	5.20	5.09	98
Methylene Chloride (DCM)	5.25	5.00	95
TertButanol (TBA)	5.55	4.49	81
Allyl Chloride	, 5.10	4.71	92
Carbon Disulfide	5.25	4.98	95
Trichlorotrifluoroethane	5.20	5.11	98
trans-1,2-Dichloroethene	5.30	5.26	99
1,1-Dichloroethane	5.25	4.93	94
Methyl Tert Butyl Ether (MTBE)	5.25	. 4.69	89
Vinyl Acetate	5.50	5,00	91
2-Butanone (MEK)	5.30	4.64	88
cis-1,2-Dichloroethene	5.25	5.31	101
Hexane	5.35	4.91	92
Chloroform	5.30	5.32	100
Ethyl Acetate	5.30	4.53	85
Tetrahydrofuran	5.10	4.49	88
1,2-Dichloroethane	5.25	5.24	100
1,1,1-Trichloroethane	5.20 .	5.24	101
Benzene	5.30	5,25	99
Carbon Tetrachloride	5.10	6.16	121
Cyclohexane	5.25	5.12	98

Amatyte Compounts (Continues)	Source	l ccr	% Kecovery
1,2-Dichloropropane	5.25	4.85	92
Bromodichloromethane	5:20	5.70	110
1,4-Dioxane	5.20	5.73	110
Trichloroethene (TCE)	5.20	5.75	111
2,2,4-Trimethylpentane	5.00	4.98	100
Methyl Methacrylate	5.50	5.00	91
Heptane	5.25	4.95	94
cis-1,3-Dichloropropene	5.20	5.12	98
4-Methyl-2-pentanone (MiBK)	5.20	5.91	114
trans-1,3-Dichloropropene	5.25	5.21	99
1,1,2-Trichloroethane	5.25	5.61	107
Toluene	5.30	5.45	103
2-Hexanone (MBK)	5.25	5.69	108
Dibromochloromethane	5.15	5.97	116
1,2-Dibromoethane	5.30	5.64	106
Tetrachloroethene (PCE)	. 5.20	5.85	113
Chlorobenzene	5.30	5.15	97
Ethylbenzene	5.25	5.26	100
m & p-Xylene	10.50	10.56	101
Bromoform	5.25	5.75	110
Styrene	5.25	5.22	99
1,1,2,2-Tetrachloroethane	5.25	5.12	98
o-Xylene	5.25	5.10	. 97
1,2,3-Trichloropropane	5.50	5.66	103
Isopropylbenzene (Cumene)	5.15	5.34	104
α-Pinene	5.35	5.57	104
2-Chlorotoluene	5.15	5.31	103
n-Propylbenzene	5.05	5.06	100
4-Ethyltoluene	5.15	5.03	98
1,3,5-Trimethylbenzene	5.15	5.10	99
β-Pinene	5.50	5.99	109
1,2,4-Trimethylbenzene	5.15	5.14	100
Benzyl Chloride (a-Chlorotoluene)	5.20	4.68	90
1,3-Dichlorobenzene	5,20	5.30	102
1,4-Dichlorobenzene	5.15	5.38	104
Sec-ButylBenzene	5.05	5.14	102
1,2-Dichlorobenzene	5.30	5,37	101
n-ButylBenzene	5.10	5.18	102
1,2-Dibromo-3-Chloropropane	5.05	4.99	99
1,2,4-Trichlorobenzene	5.50	5.96	108
Naphthalene	5.75	5.97	104
Hexachlorobutadiene	5.50	5.74	104

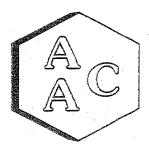
Page 18



¹ Concentration of analyte compound in certified source standard.

² Measured result from daily Continuing Calibration Verification (CCV).

³ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/13/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity N2

CALIBRATION STD ID: MS1-051623-01

UNITS: PPB (v/v)

ANALYST: MB

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

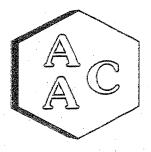
System Monitoring Compounds	Sample	Spike	LCS ¹	LCSD 1	LCS ¹	LCSD 1	RPD ³
System Monitoring Compounts	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	M D
4-BFB (surrogate standard)	0.0	9.40	10.66	10.09	-113	107	5.5
1,1-Dichloroethene	0.0	5.20	5.09	4.90	98	94	3.8
Methylene Chloride (DCM)	0.0	5.25	5.00	4.67	95	89	6.8
Benzene	0.0	5.30	5.25	5.24	99	99	0.2
Trichloroethene (TCE)	0.0	5.20	5.75	5.73	111	110	0.3
Toluene	0.0	5.30	5.45	5.44	103	103	0.2
Tetrachloroethene (PCE)	0.0	5.20	5.85	5.69	113	109	2.8
Chlorobenzene	0.0	5.30	5.15	5.06	97	95	1.8
Ethylbenzene	0.0	5.25	5.26	5.08	100	97	3.5
m & p-Xylene	0.0	10.50	10.56	10.40	101	. 99	1.5
o-Xylene	0.0	5.25	5.10	4.86	97	93	4.8

¹ Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)



² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/13/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity He or N2

ANALYST: MB

UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

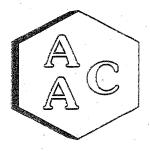
Analyte Compounds	MB 091323	Reporting Limit (RL)
4-BFB (surrogate standard)	104%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein .	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	· <rl.< td=""><td>0.5</td></rl.<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1:0</td></rl<>	1:0
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5
Allyl Chloride	<rl< td=""><td>1.0</td></rl<>	1.0
Carbon Disulfide	<rl< td=""><td>2,0</td></rl<>	2,0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	- <rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>1.0</td></rl<>	1.0
2-Butanone (MEK)	<rl< td=""><td>1.0</td></rl<>	1.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0.5</td></rl<>	0.5
Cyclohexane	<rl< td=""><td>0.5</td></rl<>	0.5

Analyte Compounds (Continued)	MB 091323	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	. <rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>2.0</td></rl<>	2.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>1.0</td></rl<>	1.0
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>2.0</td></rl<>	2.0
Dibromochloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	- <rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	. <rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	· <rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	RL.	. 0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	. <rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	· <rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>1.0</td></rl<>	1.0
Hexachlorobutadiene	<rl< td=""><td>0,5</td></rl<>	0,5



Page 20





QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/13/2023

INSTRUMENT ID: GC/MS-03

MATRIX : Air

ANALYST: MB

UNITS: PPB (v/v)

DILUTION FACTOR 1 : x1

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: CCV/LCSD

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	10.7	10.1	5.5
Chlorodifluoromethane	4.73	4.63	2.1
Propene	4.56	3.93	14.8
Dichlorodifluoromethane	5.30	5.17	2.5
Dimethyl Ether	4.21	3.98	5.6
Chloromethane	4.62	4.75	2.8
Dichlorotetrafluoroethane	5.20	5.37	3.2
Vinyl Chloride	4.95	4.84	. 2.2
Acetaldehyde	8.89	8.71	2.0
Methanol	6.71	5.99	11.3
1,3-Butadiene	4.79	4.54	5.4
Bromomethane	5.94	5.63	5.4
Chloroethane	4.54	4.15	9.0
Dichlorofluoromethane	5.16	4.87	5.8
Ethanol	4.62	3.68	22.7
Vinyl Bromide	5.25	4.97	5.5
Acrolein	4.95	4.85	2.0
Acetone	4.66	4.39	6.0
Trichlorofluoromethane	5.69	5.37	5.8
2-Propanol (IPA)	4.10	4.01	2.2
Acrylonitrile	4.97	4.89	1.6
1,1-Dichloroethene	5.09	4.90	3.8
Methylene Chloride (DCM)	5.00	4.67	6.8
TertButanol (TBA)	4.49	4.26	5.3
Allyl Chloride	4.71	4.52	4.1
Carbon Disulfide	4.98	4.92	1.2
Trichlorotrifluoroethane	5.11	4.96	3.0
trans-1,2-Dichloroethene	5.26	5.11	2.9
1,1-Dichloroethane	4.93	4.84	1.8
Methyl Tert Butyl Ether (MTBE)	4.69	4.54	3.3
Vinyl Acetate	5.00	4.85	3.0
2-Butanone (MEK)	4.64	4.88	5.0
cis-1,2-Dichloroethene	5.31	4.84	9.3
Hexane	4.91	5.19	5.5
Chloroform	5.32	5.34	0.4
Ethyl Acetate	4.53	4.36	3.8
Tetrahydrofuran	4.49	4.23	6.0
1,2-Dichloroethane	5.24	5.06	3.5
1,1,1-Trichloroethane	5.24	5.06	3.5
Benzene	5.25	5.24	0.2
Carbon Tetrachloride	6.16	6.36	3.2
Cyclohexane	5.12	5.14	0.4

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	4.85	4.95	2.0
Bromodichloromethane	5.70	5.71	0.2
1,4-Dioxane	5.73	5.42	5.6
Trichloroethene (TCE)	5.75	5.73	0.3
2,2,4-Trimethylpentane	4.98	4.80	3.7
Methyl Methacrylate	5.00	4.93	1.4
Heptane	4.95	4.95	0.0
cis-1,3-Dichloropropene	5.12	5.12	0.0
4-Methyl-2-pentanone (MiBK)	5.91	5.86	0.8
trans-1,3-Dichloropropene	5.21	5.47	4.9
1,1,2-Trichloroethane	5.61	5.57	0.7
Toluene	5.45	5.44	0.2
2-Hexanone (MBK)	5.69	5.66	0.5
Dibromochloromethane	5.97	6,00	0.5
1,2-Dibromoethane	5.64	5.70	1.1
Tetrachloroethene (PCE)	5.85	5.69	2.8
Chlorobenzene	5.15	5.06	1.8
Ethylbenzene	5.26	5.08	3.5
m & p-Xylene	10.6	10.4	1.5
Bromoform	5.75	5.70	0.9
Styrene	5.22	5.02	3.9
1,1,2,2-Tetrachloroethane	5.12	5.07.	1.0
o-Xylene	5.10	4.86	4.8
1,2,3-Trichloropropane	5.66	5.26	7.3
Isopropylbenzene (Cumene)	5.34	5.06	5.4
α-Pinene	5.57	5.35	4.0
2-Chlorotoluene	5.31	4.98	6.4
n-Propylbenzene	5.06	4.80	5.3
4-Ethyltoluene	5.03	5.07	0.8
1,3,5-Trimethylbenzene	5.10	4.98	2.4
β-Ріпепе	5,99	5.96	0.5
1,2,4-Trimethylbenzene	5.14	5.00	2.8
Benzyl Chloride (a-Chlorotoluene)	4.68	4.59	1.9
1,3-Dichlorobenzene	5.30	5.10	3.8
1,4-Dichlorobenzene	5.38	5.20	3.4
Sec-ButylBenzene	5.14	4.99	3.0
1,2-Dichlorobenzene	5.37	5.28	1.7
n-ButylBenzene	5.18	4.85	6.6
1,2-Dibromo-3-Chloropropane	4.99	4.69	6.2
1,2,4-Trichlorobenzene	5.96	5.47	8.6
Naphthalene	5.97	5.71	4.5
Hexachlorobutadiene	5.74	5.73	0.2

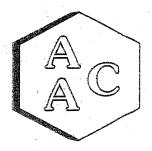
¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

Page 21



² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/14/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity N₂

CALIBRATION STD ID: MS1-051623-01

UNITS: PPB (v/v)

ANALYST: MB

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 07/17/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery
4-BFB (surrogate standard)	9.40	10.40	111
Chlorodifluoromethane	5.20	4.69	90
Propene	5.30	4.31	81
Dichlorodifluoromethane	5.20	5.14	99
Dimethyl Ether	5.10	3.96	78
Chloromethane	5.20	4.74	91
Dichlorotetrafluoroethane	5.15	5.17	100
Vinyl Chloride	5.25	4.92	94
Acetaldehyde	10.55	8.84	84
Methanol LR	9.40	6.21	66
1,3-Butadiene	5.30	4.53	85
Bromomethane	5,20	. 5.79	111
Chloroethane	5.15	4.85	94
Dichlorofluoromethane	5.10	5.02	98
Ethanol	5.60	4.02	72
Vinyl Bromide	5.05	5.21	103
Acrolein	5,55	4.71	85
Acetone	5.30	4.31	81
Trichlorofluoromethane	5.25	5.39	103
2-Propanol (IPA)	5.50	3.97	72
Acrylonitrile	5.60	4.79	86
1,1-Dichloroethene	5.20	5.04	97
Methylene Chloride (DCM)	5.25	4.84	92
TertButanol (TBA)	5.55	3.98	72
Allyl Chloride	5.10	4.60	90
Carbon Disulfide	5.25	4.90	93
Trichlorotrifluoroethane	5.20	4.87	94
trans-1,2-Dichloroethene	5:30	5.22	98
1,1-Dichloroethane	5.25	4.96	94
Methyl Tert Butyl Ether (MTBE)	5.25	4.57	87
Vinyl Acetate	5.50	4.78	87
2-Butanone (MEK)	5.30	4.47	84
cis-1,2-Dichloroethene	5.25	5.09	97
Hexane	5.35	5.16	96
Chloroform	5.30	5.13	97
Ethyl Acetate	5.30	4.27	81
Tetrahydrofuran	5.10	4.40	86
1,2-Dichloroethane	5.25	5.02	96
1,1,1-Trichloroethane	5.20	. 5.19	100
Benzene	5.30	5.06	95
Carbon Tetrachloride	5.10	6.03	118
Cyclohexane	5.25	5.12	98

Analyte Compounds (Continued)	Source 1	CCV ²	% Recovery 3
1,2-Dichloropropane	5.25	4.67	89
Bromodichloromethane	5.20	5.64	108
1,4-Dioxane	5.20	5.55	107
Trichloroethene (TCE)	5.20	5.51	106
2,2,4-Trimethylpentane	5.00	4.84	97
Methyl Methacrylate	5.50	5.00	91
Heptane	5.25	4.97	95
cis-1,3-Dichloropropene	5.20	4.94	95
4-Methyl-2-pentanone (MiBK)	5.20	5.64	108
trans-1,3-Dichloropropene	5.25	5.05	96
1,1,2-Trichloroethane	5.25	5.40	103
Toluene	5.30	5.23	99
2-Hexanone (MBK)	5.25	5.44	104
Dibromochloromethane	5.15	5.55	108
1,2-Dibromoethane	5.30	5.46	103
Tetrachloroethene (PCE)	5.20	5.48	105
Chlorobenzene	5.30	5.00	94
Ethylbenzene	5.25	5.02	96
m & p-Xylene	10.50	10.08	96
Bromoform	5.25	5.61	107
Styrene	5.25	5.00	95
1,1,2,2-Tetrachloroethane	5.25	5.14	98
o-Xylene	5.25	5.02	. 96
1,2,3-Trichloropropane	5.50	5.45	99
Isopropylbenzene (Cumene)	5.15	5.04	98
α-Pinene	5.35	5.25	98
2-Chlorotoluene	5.15	4.84	94
n-Propylbenzene	5.05	4.82	. 95
4-Ethyltoluene	5.15	4.83	94
1,3,5-Trimethylbenzene	5.15	5.00	97
β-Pinene	5.50	5.83	106
1,2,4-Trimethylbenzene	5.15	5.07	98
Benzyl Chloride (a-Chlorotoluene)	5.20	4.51	87
1,3-Dichlorobenzene	5.20	5.15	. 99
1,4-Dichlorobenzene	5.15	5.12	99
Sec-ButylBenzene	5.05	4,93	98
1,2-Dichlorobenzene	5.30	5.12	97
n-ButylBenzene	5.10	4.95	97
1,2-Dibromo-3-Chloropropane	5.05	4,81	95
1,2,4-Trichlorobenzene	5.50	5,54	101
Naphthalene	5.75	5.84	102
Hexachlorobutadiene	5.50	5.58	101

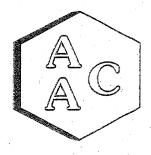
LR - Recovery for this compound was low; detection of the analyte was confirmed at the lowest calibration level.



¹ Concentration of analyte compound in certified source standard.

² Measured result from daily Continuing Calibration Verification (CCV).

 $^{^3}$ The acceptable range for analyte recovery is 100 $\pm 30\%$.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/14/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity N2

CALIBRATION STD ID: MS1-051623-01

UNITS: PPB (v/v)

ANALYST: MB

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

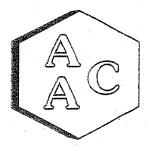
System Monitoring Compounds	Sample	Spike	LCS ¹	LCSD 1	LCS ¹	LCSD 1	RPD ³
System Woutoring Compounds	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	KrD
4-BFB (surrogate standard)	0.0	9.40	10.40	10.40	111	111	0.0
1,1-Dichloroethene	0.0	5.20	5.04	5.17	. 97	. 99	2.5
Methylene Chloride (DCM)	0.0	5.25	4.84	5.00	92	95	3.3
Benzene	0.0	5.30	5.06	5.21	95	98	2.9
Trichloroethene (TCE)	0.0	5.20	5.51	5.70	106	110	3.4
Toluene	0.0	5.30	5.23	5.38	99	102	2.8
Tetrachloroethene (PCE)	0.0	5.20	5.48	5.80	105	112	5.7
Chlorobenzene	0.0	5.30	5.00	5.28	94	100	5.4
Ethylbenzene	0.0	5.25	5.02	5.23	96	100	4.1
m & p-Xylene	0.0	10.50	10.08	10.81	96	103	7.0
o-Xylene	0.0	5.25	5.02	5.21	9.6	99	3.7

¹Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)



² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/14/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity He or N2

ANALYST: MB

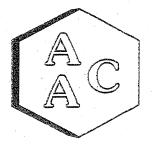
UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 091423	Reporting Limit (RL)
4-BFB (surrogate standard)	111%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	. <rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein .	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl.< td=""><td>0.5</td></rl.<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>, 0,5</td></rl<>	, 0,5
Methylene Chloride (DCM)	. <rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5
Allyl Chloride	<rl< td=""><td>1.0</td></rl<>	1.0
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	· <rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>1.0</td></rl<>	1.0
2-Butanone (MEK)	<rl< td=""><td>1.0</td></rl<>	1.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0.5</td></rl<>	0.5
Cyclohexane	<rl< td=""><td>0,5</td></rl<>	0,5

Analyte Compounds (Continued)	MB 091423	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0,5</td></rl<>	0,5
1,4-Dioxane	<rl< td=""><td>· 2.0</td></rl<>	· 2.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	· <rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>1.0</td></rl<>	1.0
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>2.0</td></rl<>	2.0
Dibromochloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	. <rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>1.0</td></rl<>	1.0
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/14/2023

MATRIX : Air UNITS : PPB (v/v) INSTRUMENT ID: GC/MS-03

ANALYST: MB

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: CCV/LCSD

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	10.4	.10.4	0.0
Chlorodifluoromethane	4.69	4.64	1.1
Propene	4.31	4.59	6.3
Dichlorodifluoromethane	5.14	5.21	1.4
Dimethyl Ether	3.96	3.87	2.3
Chloromethane	4.74	5.08	6.9
Dichlorotetrafluoroethane	5.17	5.36	3.6
Vinyl Chloride	4.92	4.96	0.8
Acetaldehyde	8.84	8.71	1.5
Methanol	6.21	6.04	2.8
1,3-Butadiene	4.53	4.65	2.6
Bromomethane	5.79	5.89	1.7
Chloroethane	4.85	4.55	6,4
Dichlorofluoromethane	5.02	5.06	0.8
Ethanol	4.02	3.95	1.8
Vinyl Bromide	5.21	5.09	2.3
Acrolein	4.71	4.77	1.3
Acetone	4.31	4.44	3.0
Trichlorofluoromethane	5.39	5.21	3.4
2-Propanol (IPA)	3.97	4.11	3.5
Acrylonitrile	4.79	5.04	5.1
1,1-Dichloroethene	5.04	5.17	2.5
Methylene Chloride (DCM)	4.84	5.00	3.3
TertButanol (TBA)	3.98	4.30	7.7
Allyl Chloride	4.60	4.46	3.1
Carbon Disulfide	4.90	4.96	1.2
Trichlorotrifluoroethane	4.87	5.19	6.4
trans-1,2-Dichloroethene	5.22	5.21	0.2
1,1-Dichloroethane	4.96	4.74	4.5
Methyl Tert Butyl Ether (MTBE)	4.57	4.44	2.9
Vinyl Acetate	4.78	4.88	2.1
2-Butanone (MEK)	4.47	4:81.	7.3
cis-1,2-Dichloroethene	5.09	4.97	2.4
Hexane	5.16	5.03	2.6
Chloroform	5.13	5.37	4.6
Ethyl Acetate	4.27	4.26	0.2
Tetrahydrofuran	4.40	3.90	12.0
1,2-Dichloroethane	5.02	5.08	1.2
1,1,1-Trichloroethane	5.19	5.14	1.0
Benzene	5.06	5.21	2.9
Carbon Tetrachloride	6.03	6.25	3.6

•			
Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	4.67	4.76	1.9
Bromodichloromethane	5.64	5.50	2.5
1,4-Dioxane	5.55	5.38	3.1
Trichloroethene (TCE)	5.51	5.70	3.4
2,2,4-Trimethylpentane	4.84	4.65	4.0
Methyl Methacrylate	5.00	4.99	0.2
Heptane	4.97	5.14	3.4
cis-1,3-Dichloropropene	4.94	5.08	2.8
4-Methyl-2-pentanone (MiBK)	5.64	5.64	0.0
trans-1,3-Dichloropropene	5.05	5.11	1.2
1,1,2-Trichloroethane	5.40	5.53	2.4
Toluene	5.23	5.38	2.8
2-Hexanone (MBK)	5.44	5.58	2.5
Dibromochloromethane	5.55	5.92	6.5
1,2-Dibromoethane	5.46	5.71	4.5
Tetrachloroethene (PCE)	5.48	5.80	5.7
Chlorobenzene	5.00	5.28	5.4
Ethylbenzene	5.02	5.23	4.1
m & p-Xylene	10.1	10.8	7.0
Bromoform	5.61	5.99	6.6
Styrene	5.00	5.30	5.8
1,1,2,2-Tetrachloroethane	5.14	5.31	3.3
o-Xylene	5.02	5.21	. 3.7
1,2,3-Trichloropropane	5.45	5.53	1.5
Isopropylbenzene (Cumene)	- 5.04	5.34	5.8
α-Pinene	5.25	5.62	6.8
2-Chlorotoluene	4.84	5.32	9.4
n-Propylbenzene	4.82	5.02	4.1
4-Ethyltoluene	4.83	5.26	8.5
1,3,5-Trimethylbenzene	5.00	5.22	4.3
β-Pinene	5,83	6.32	8.1
1,2,4-Trimethylbenzene	5.07	5.13	1.2
Benzyl Chloride (a-Chlorotoluene)	4.51	4.78	5.8
1,3-Dichlorobenzene	5.15	5.41	4.9
1,4-Dichlorobenzene	5.12	5.35	4.4
Sec-ButylBenzene	4.93	5.22	5.7
1,2-Dichlorobenzene	5.12	5.47	6.6
n-ButylBenzene	4.95	5.25	5.9
1,2-Dibromo-3-Chloropropane	4.81	4.92	2.3
1,2,4-Trichlorobenzene	5,54	5.85	5.4
Naphthalene	5.84	6.13	4.8
Hexachlorobutadiene	5.58	6.09	8.7

¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).</p>
SRL - Sample Reporting Limit (minimum)



CHAIN OF CUSTODY AND ANALYSIS REQUEST -- Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

				Cuotodi in a	רד טו וד ס כי	141.00	ווייסורנר מוו ויי	SCADIL LICIA	Ģ	
Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Av	g · Phone: 80	5-650-1642 ·	Email: info@	aaclab.com	· 1534 Eastr	nan Ave Su	e Suite A, Ventura, CA 93003	ira, CA 930		AAC Project No.:
Client/Company Name	Project Name		n /			Anal	Analysis Requested	ed		Send Report To (Name/Email/Address)
Project Manager Name	Project Number	•								pschafer@scsengineers.com
PAUL SCHAFER	01204123.21	.21 TASK 22	22			Γ				
Turnaround Time	Sampler Name	ne			JR	LIS'	,			end Invoice To M
☐ Rush 24 h ☐ Same Day	Print: Av		デーナーエ	Ž	FU	LL				A Comment of Internal Control Control
☐ Rush 48 h ☐ 5 Days				6	UI	UI		***********		
	Signature:	So The	4		1 S	5 F			-	PO Number
		00			7.9)-1			án.	
Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Tyne/Oty	307	ТО			iju raija	
MS-10	849911	9/12	1285	Tedlar					×34.1	
MS-07	bh98h	9/12	1036	1					N° 9 2x	
MS-11	0598H		1341						J. Jakobara	
M5-06	18651		1226						eaver.	
SCV	1398h		1206						v de de	
S End Lincoln	44653		1887	1					0.840 J.	
MS-09	48654	·	1184						1000 K	a mittals
MS-12	48655		100	\					ં જે છે	
WS-08	48656		1132						. સ્કુલ્યું વર્ષ	
Chiquito Cyn	48657	*	1049	V	7					
			\	$\left \right $					1000	
Client Notes/Special Instructions:				$\left \right $						
							EDD? □Yes			
							ONO			
Relinquished By Print: Trypostydo Hurtacl		Date 9/12/2	Date $9/12/23$ Received By	1 Zerchan	Com to		Date 9/12/23	3		
1/1/		Time 1322	Signature:	1			Time (525			
Relinquished By Print:		Date	Received By	4			Date			
Signature:		Time	Signature:				Time			
			Supractice:				Time		のでは、一般の数数	

231801

7318

CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospharic Analysis and Consulti	Dh	CTO 1 CTO 1		-1-L				value include	
Client/Commission of the Commission of the Commi	og - Filolie, ou	3 - 740T-0C0-C	mail: into@	aaciab.com ·	1534 Eastn	nan Ave Su	lite A, Ventura, CA 93003	, CA 93003	AAC Project No.:
SCS ENGINEERS	CHICITTA	ra (sè)				Analy	ysis Requested		Send Report To (Name/Email/Address)
Project Manager Name								Pitternelli	pschafer@scsengineers.com
PAUL SCHAFFR	Project Number	ber	•						Loginator Coccost Princes of the
	01204123	01204125.21 1ASN 22				ЗΤ			
Turnaround Time	Sampler Name	ne			JR	LIS	,		Send Invoice To (Name/Email/Address)
☐ Rush 24 h ☐ Same Day	Print: Arman		Horted	<i>ა</i>	FU	LL	····		
☐ Rush 48 h ☐ 5 Days	7 / V V	25.55 25.55			UI	UI			
_	Signature:	Service of the	B		1 S	5 F	***************************************		PO Number
					7.9)-1	*******		The state of the s
Client Sample Name	Sample ID	Sampling	Sampling	Container	307	ГО			
	11.	Pare	L	Type/Qty	3	,			(1) 计算量数据 (1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
MS-03	48688	9/12	1235	Tealger	<u>_</u>	7	-		
Working Face	48659		2460	1				-	
MS-04	48660		0825		`				
MS-05	48661		P 570						
MS-02	48662		0927		1	1			
Keaction	48663	+	0853	1	7	7			
									minals 1
client Notes/Special Instructions:							EDD?		
							0 g		
		Date 9/12/23	Received By	7.4	0	**	Date 9/12/27		
Signature: And Mit		Time / 522	Print: Signature:) /out 1-1	'	1525		
Relinquished By Print:			Received By	7			Date		
Signature:		Time	Signature:				Time		



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita (Off)

PROJECT NUMBER

: 01204123.21 TASK 22

AAC PROJECT NO.

: 231801

REPORT DATE

: 09/14/2023

On September 12th, 2023, Atmospheric Analysis & Consulting, Inc. received sixteen (16) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Client ID	Lab No
MS-10	231801-48648	MS-08	231801-48656
MS-07	231801-48649	Chiquito Cyn	231801-48657
MS-11	231801-48650	MS-03	231801-48658
MS-06	231801-48651	Working Face	231801-48659
SCV	231801-48652	MS-04	231801-48660
S End Lincoln	231801-48653	MS-05	231801-48661
MS-09	231801-48654	MS-02	231801-48662
MS-12	231801-48655	Reaction	231801-48663

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar/Ph.1

This report consists of 8 pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 231801

MATRIX: AIR UNITS: ppmv

SAMPLING DATE: 09/12/2023

RECEIVING DATE: 09/12/2023 ANALYSIS DATE: 09/13/2023 REPORT DATE: 09/14/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-07	MS-11	MS-06	SCV	S End Lincoln
AAC ID	231801-48648	231801-48649	231801-48650	231801-48651	231801-48652	231801-48653
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	0.040	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	0.040	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 231801

MATRIX : AIR UNITS : ppmv SAMPLING DATE: 09/12/2023

RECEIVING DATE: 09/12/2023 ANALYSIS DATE: 09/13/2023

REPORT DATE: 09/14/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-09	MS-12	MS-08	Chiquito Cyn	MS-03	Working Face
AAC ID	231801-48654	231801-48655	231801-48656	231801-48657	231801-48658	231801-48659
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 231801 MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 09/12/2023

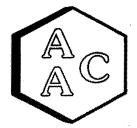
RECEIVING DATE: 09/12/2023 ANALYSIS DATE: 09/13/2023

REPORT DATE: 09/14/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-04	MS-05	MS-02	Reaction
AAC ID	231801-48660	231801-48661	231801-48662	231801-48663
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	0.045
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	0.058
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	0.103

All unidentified compound's concentrations expressed in terms of H₂S



Quality Control/Quality Assurance Report **SCAQMD 307.91**

Analyst:

Date Analyzed: 9/13/2023 KM

Units:

ppbV

Instrument ID: SCD#10 Calb. Date: : 07/11/2022

Opening Calibration Verification Standard

499.8 ppbV H2S (SS1289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1836	498	99.7	1.0
Duplicate	1853	503	100.6	0.0
Triplicate	1872	508	101.6	1.0

347.3 p	por	nzo	(331209)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2328	540	98.6	1.3
Duplicate	2369	549	100.3	0.4
Triplicate	2382	552	100.9	0.9

479.0 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2431	460	95.9	2.4
Duplicate	2553	483	100.8	2.4
Triplicate	2492	471	98.4	0.0

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< th=""></pql<>

Duplicate Analys	is		Sample ID	220521-28941
Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
DMS	<pol< td=""><td><pol< td=""><td>0.0</td><td>0.0</td></pol<></td></pol<>	<pol< td=""><td>0.0</td><td>0.0</td></pol<>	0.0	0.0

Matrix Spike & Duplicate Sample ID 231438-46986 x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H ₂ S	<pql< td=""><td>249.9</td><td>253.4</td><td>258.1</td><td>101.4</td><td>103.3</td><td>1.8</td></pql<>	249.9	253.4	258.1	101.4	103.3	1.8
MeSH	<pql< td=""><td>273.8</td><td>264.1</td><td>251.4</td><td>96.5</td><td>91.8</td><td>4.9</td></pql<>	273.8	264.1	251.4	96.5	91.8	4.9
DMS	<pql< td=""><td>239.5</td><td>262.6</td><td>247.0</td><td>109.7</td><td>103.1</td><td>6.1</td></pql<>	239.5	262.6	247.0	109.7	103.1	6.1

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	499.8	489.1	97.9
MeSH	547.5	597.6	109.2
DMS	479.0	519.7	108.5

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD fro. ssAS

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbVDMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV



Quality Control/Quality Assurance Report **SCAQMD 307.91**

Date Analyzed: 9/13/2023 Analyst:

CM/KM

Units:

ppmV

Instrument ID: SCD-BTU Calb. Date: : 6/13/23

Opening Calibration Verification Standard

0.500 ppbV H2S (SS1289)

Resp. (area)	Result	% Rec *	% RPD ****
853	0.491	98.2	0.9
874	0.503	100.6	1.6
854	0.491	98.3	0.7
	853 874	853 0.491 874 0.503	853 0.491 98.2 874 0.503 100.6

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	892	0.542	99.0	0.7
Duplicate	922	0.560	102.4	2.7
Triplicate	880	0.535	97.7	2.0

0.479 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	851	0.469	98.0	0.5
Duplicate	835	0.460	96.1	2,4
Triplicate	881	0.486	101.4	2.9

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< th=""></pql<>

Duplicate Analys	is		Sample ID	220521-28939
Analyte	Sample	Duplicate	Mean	% RPD ***
	Result	Result	Mean	70 KPD
H ₂ S	<pol< th=""><th><pol< th=""><th>0.000</th><th>0.0</th></pol<></th></pol<>	<pol< th=""><th>0.000</th><th>0.0</th></pol<>	0.000	0.0

Allatyte	Result	Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0

Matrix Spike & Duplicate

Sample	Spike	MS	MSD	MS	MSD	O/ DDD ddd
Conc.	Added	Result	Result	% Rec **	% Rec **	% RPD ***
<pql< td=""><td>0.250</td><td>0.272</td><td>0.252</td><td>108.9</td><td>100.9</td><td>7.6</td></pql<>	0.250	0.272	0.252	108.9	100.9	7.6
<pql< td=""><td>0.274</td><td>0.280</td><td>0.280</td><td>102.3</td><td>102.3</td><td>0.0</td></pql<>	0.274	0.280	0.280	102.3	102.3	0.0
<pql< td=""><td>0.240</td><td>0.254</td><td>0.257</td><td>106.1</td><td>107.3</td><td>1.2</td></pql<>	0.240	0.254	0.257	106.1	107.3	1.2
	Conc. <pql <pql< td=""><td>Conc. Added <pql< td=""> 0.250 <pql< td=""> 0.274</pql<></pql<></td><td>Conc. Added Result <pql< td=""> 0.250 0.272 <pql< td=""> 0.274 0.280</pql<></pql<></td><td>Conc. Added Result Result <pql< td=""> 0.250 0.272 0.252 <pql< td=""> 0.274 0.280 0.280</pql<></pql<></td><td>Conc. Added Result Result % Rec ** <pql< td=""> 0.250 0.272 0.252 108.9 <pql< td=""> 0.274 0.280 0.280 102.3</pql<></pql<></td><td>Conc. Added Result Result % Rec ** % Rec ** <pql< td=""> 0.250 0.272 0.252 108.9 100.9 <pql< td=""> 0.274 0.280 0.280 102.3 102.3</pql<></pql<></td></pql<></pql 	Conc. Added <pql< td=""> 0.250 <pql< td=""> 0.274</pql<></pql<>	Conc. Added Result <pql< td=""> 0.250 0.272 <pql< td=""> 0.274 0.280</pql<></pql<>	Conc. Added Result Result <pql< td=""> 0.250 0.272 0.252 <pql< td=""> 0.274 0.280 0.280</pql<></pql<>	Conc. Added Result Result % Rec ** <pql< td=""> 0.250 0.272 0.252 108.9 <pql< td=""> 0.274 0.280 0.280 102.3</pql<></pql<>	Conc. Added Result Result % Rec ** % Rec ** <pql< td=""> 0.250 0.272 0.252 108.9 100.9 <pql< td=""> 0.274 0.280 0.280 102.3 102.3</pql<></pql<>

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.500	0.481	96.2
MeSH	0.548	0.503	91.9
DMS	0.479	0.455	95.0

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.

PQL 50.0 ppbV MDL - 1.1 ppbV

CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT.

				and the same	0000	014151411	influence an i cic	אמות ווכועט.	<
Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave	ng · Phone: 805	-650-1642 · I	Email: info@	aaclab.com -	1534 Eastr	nan Ave Su	Suite A, Ventura, CA 93003	, CA 93003	AAC Project No.:
Clent/Company Name	Project Name		19			Anal	Analysis Requested		Send Report To (Name/Email/Address)
Project Manager Name	Project Number	•	,					Delignation of the Party of the	pschafer@scsengineers.com
PAUL SCHAFER	01204123.21	.21 TASK 22	2			Γ		·	
Turnaround Time	Sampler Name	ne .	i de		R	LIST		eri cite/erterig	
	Print:	Armondo	Turtalo	0	LFU	LL I		·····	Serva Historice (O (Name/Email/Address)
☑ Rush 72 h ☐ Normal	Signature:				l SU	5 FU			PO Number
Client Sample Name	C	Sampling	Sampling	Container	7.9	O-1			
	Ol aiding	Date	Time	Type/Qty	30	T			
1	3119911	9/12	7255	Ted lav	8				Elean
MS-07	48649	2112	0 600						- ADUS
188.11	48650		31						
えどうら	15984		1226			-			- 2 - E
300	48055		200		A.		-		
Direct Lincoln	43653		1501						
00-614	H8684		1.87				-		
NO 12	48653		100		in the second				
20.00	48656		132	1	200	The state of the s			
Crigorio Cyn	48657	1	croi						

Client Notes/Special Instruction								-	
	•						EDD?		
	ı						□N ₀		
Relinquished By	Control of the Contro				The Value of the State of the S				
Print: Armonag Hurtando		Date 7/12/2	Received By Zachar Print:	Variation !	Som to		Date 9/12/23		
Relinguished By		Time ()22	Signature:				Time (525		海山東京 中央教育 東京 1847年 東
Print:		Date	Received By				Date		
Signature:		Time	Signature:				Time		等。在一种,一种,一种,一种,一种,一种,一种,一种,一种,一种,一种,一种,一种,一

AAC COC Rev 3

7		The result is a LEGAL DOCUMENT. Complete all relevant fields.	חבעטבטו	- Chain of C	Justody is a Li	GAL DOCU	MENT. Cor	mplete all rel	evant fields	•		
	Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave	ng · Phone: 805	-650-1642 · E	mail: info@a	aaclab.com · :	1534 Eastm	ian Ave Su	Suite A, Ventur	A, Ventura, CA 93003		AAC Project No.:	••
	Client/Company Name	Project Name	```					alysis Requested	ă		nd Report To	Send Report To (Name/Email/Address)
	SCS ENGINEERS	CHIQUITA	A (DN)		<u></u>						-chafor@ece	engineere com
	PAUL SCHAFER	Project Number 01204123.21		2			1		· ·		ocharci @oco	bochatel Goesenghieers.com
	Turnaround Time	Sampler Name	ਜ਼			R	.IS					
	☐ Rush 24 h ☐ Same Day		оган _{гр} и	3	.J	FU	LI				in myoice io	Senso invoice TO (Name/Email/Address)
		July 11 miles	がある。	The state of the s		JL	UL		u = yd2-u i			
		Signature:		A. A	· · · · · · · · · · · · · · · · · · ·	1 SV	5 F			7	PO Number	
-						7.9)-1	 	· · · · · · · · · · · · · · · · · · ·	5.	Der	AND THE RESERVE AND THE RESERV
5	Client Sample Name	Sample ID	Sampling	Sampling	Container	307	ТО		***************************************	n telli		
\supset		13111 /- ¢	1		I Abel Aid					100		
		19000	7/16	1	4.5	7	E. Contract			Organia Listan		
		18659		125C		8.0	See .			70000		
T-	MS-04	48080		27.80						12.		
	MS-05	49661		15/0		2			All the second s			
7	えいークン	48662	-	0927		1						
	* Reaction	48663	~	02.80						in silver		
												
-		The second secon										
7										gerenden de Gerenden		Tourient
		And and the first of the designation of the state of the		N						and the same		
									·			
1										Samuel		
	Client Notes/Special Instructions:						:	EDD?				
								□Yes				
			16					ONO				
			Dato a ka had	Bassas		***************************************						
	Print: Armangly Hustada		Date 7/12/23	Print:	Zuchan	Somito		Date 9/12/23	<u> </u>			
	Relinquished By		Time 1324	Signature:			1	Time 1525				等 人名英格兰
	Print:		Date	Received By		À		Date				
	Signature:		Time	Signature:				Time				
												はないのでは、これのでは、これには、これのできるのできる。



CLIENT

: SCS Engineers

PROJECT NAME

Chiquita (OFF)

PROJECT NO.

: 01204123.21 Task 22

AAC PROJECT NO.

: 231857

REPORT DATE

: 09/22/2023

On September 19, 2023, Atmospheric Analysis & Consulting, Inc. received sixteen (16) Tedlar Bags for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Client ID	Lab ID
SCV_0919	231857-48895	MS-08	231857-48903
MS-10 0919	231857-48896	MS-09	231857-48904
MS-11 0919	231857-48897	MS-05_0919	231857-48905
MS-06 0919	231857-48898	MS-02-0919	231857-48906
MS-07 0919	231857-48899	Working Face 0919	231857-48907
Chiquito Cyn Rd 0919	231857-48900	Reaction-2 0919	231857-48908
S End Lincoln	231857-48901	MS-04 0919	231857-48909
MS-12	231857-48902	MS-03 0919	231857-48910

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. These samples were received in Tedlar Bags, which are considered inappropriate containers by EPA Method TO-15. Sample SCV_0919 (231857-48895) was received flat so no analysis could be performed. Per NELAC requirements the analytical results should be considered estimated for these samples. Due to slightly low recovery for Methanol and Ethanol in the Quality Control runs, the results for these compounds in samples 48903-48910 should be considered estimated. Ethanol was detected over the calibration range for sample Working Face-0919 (231857-48907), however, a dilution could not analyzed due to lack of sample. No other problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph Technical Directo

This report consists of 23 pages.



Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 09/20/2023

PROJECT NO: 231857

DATE REPORTED: 09/22/2023

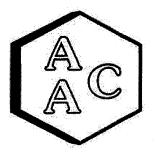
MATRIX : AIR

ANALYST: DL

UNITS: PPB (v/v)

Client ID AAC ID	Sample		MS-10 091 231857-488		Sample	37.0.1
Date Sampled	Reporting		09/19/202		Reporting	Method
Date Samplea Date Analyzed	Limit		09/19/202		Limit	Reporting
Can Dilution Factor	(SRL)		1.00	<u> </u>	(SRL)	Limit
Compound	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Chlorodifluoromethane	0.50	<srl< th=""><th>U</th><th>1</th><th>0.50</th><th>0.50</th></srl<>	U	1	0.50	0.50
Propene	1.00	SRL SRL	Ü	1	1.00	1.00
Dichlorodifluoromethane	0.50	<srl< td=""><td>Ü</td><td> </td><td>0.50</td><td>0.50</td></srl<>	Ü	 	0.50	0.50
Chloromethane	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Dichlorotetrafluoroethane	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Vinyl Chloride	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Methanol	5.00	19.8	 	1	5.00	5.00
1.3-Butadiene	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	0.50	<srl< td=""><td>Ü</td><td> </td><td>0.50</td><td>0.50</td></srl<>	Ü	 	0.50	0.50
Chloroethane	0.50	<srl< td=""><td>υ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	υ	1	0.50	0.50
Dichlorofluoromethane	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Ethanol	2.00	31.2	 	1	2.00	2.00
Vinyl Bromide	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	2.00	22.3		1	2.00	2.00
Trichlorofluoromethane	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	2.00	4.89	<u>_</u>	1	2.00	2.00
Acrylonitrile	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethene	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Methylene Chloride (DCM)	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Carbon Disulfide	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
Trichlorotrifluoroethane	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	0,50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1,2-Dichloroethene	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	0.50	1.07		1	0.50	0.50
Tetrahydrofuran	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloroethane	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,1-Trichloroethane	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50





Laboratory Analysis Report

CLIENT: SCS Engineers

UNITS: PPB (v/v)

DATE RECEIVED: 09/20/2023

PROJECT NO: 231857

DATE REPORTED: 09/22/2023

MATRIX : AIR

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	Sample		MS-10 091		Sample	
AAC ID	Reporting	······································	231857-488		Reporting	Method
Date Sampled	Limit		09/19/202 09/20/202		Limit	Reporting
Date Analyzed Can Dilution Factor	J		1.00	3		Limit
	(SRL)		T	·····	(SRL)	(MRL)
Compound	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	()
Carbon Tetrachloride	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Cyclohexane	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	0.50	0.54		1	0.50	0.50
Bromodichloromethane	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	2.00	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<>	U	11	2.00	2.00
Trichloroethene (TCE)	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
trans-1,3-Dichloropropene	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1,2-Trichloroethane	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	0.50	34.9		1	0.50	0.50
2-Hexanone (MBK)	2.00	<srl< td=""><td>Ū,</td><td>1</td><td>2.00</td><td>2,00</td></srl<>	Ū,	1	2.00	2,00
Dibromochloromethane	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2-Dibromoethane	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Ethylbenzene	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
m & p-Xylene	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
o-Xylene	0.50	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	i	0.50	0.50
4-Ethyltoluene	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2,4-Trimethylbenzene	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,3-Dichlorobenzene	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,4-Dichlorobenzene	0.50	<srl< td=""><td>Ũ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ũ	i	0.50	0.50
1,2-Dichlorobenzene	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,2,4-Trichlorobenzene	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexachlorobutadiene	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
BFB-Surrogate Std. % Recovery			113%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231857

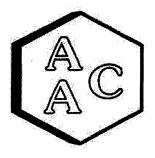
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 09/20/2023

DATE REPORTED: 09/22/2023

ANALYST: DL

Client ID		MS-11 09	19	G1-		MS-06 091	19	G	
AAC ID		231857-488	397	Sample		231857-488	198	Sample	Method
Date Sampled		09/19/202	3	Reporting		09/19/202		Reporting	Reporting
Date Analyzed		09/20/202	3	Limit		09/20/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MKL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1,00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	0.56		1	0.50	0.51		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	23.6		1	5.00	22.9		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	35.7		1	2.00	32.6		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	14.2		1	2.00	16.0		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
2-Propanol (IPA)	7.82		1	2.00	7.82		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1,00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1,00</td></srl<>	Ū	1	1.00	1,00
Carbon Disulfide	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Vinyl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	1.05		1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	1.26		1	0.50	1.28		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Benzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231857

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 09/20/2023

DATE REPORTED: 09/22/2023

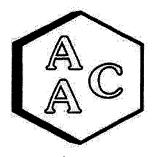
ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID Date Sampled Date Analyzed Can Dilution Factor		MS-11 09 231857-488 09/19/202 09/20/202 1,00	97 3	Sample Reporting Limit (SRL)		MS-06 091 231857-488 09/19/202 09/20/202 1.00	3 3	Sample Reporting Limit (SRL)	Method Reporting Limit
. Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(SRL) (MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	0.53		1	0.50	0.62		1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ŭ	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ŭ	1	0.50	0,50
Heptane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	17.0		1	0.50	24.5		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ŭ	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ū	1	0,50	0.50
1,2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>. U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	. U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	Ū	ī	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ü	1	0.50	0,50
BFB-Surrogate Std. % Recovery		114%				113%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231857

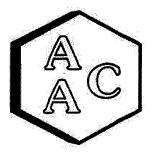
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 09/20/2023

DATE REPORTED: 09/22/2023

ANALYST: DL

Client ID	i i	MS-07 09	[9		Ch	iquito Cyn R	d 0919		
AAC ID		231857-488	199	Sample		231857-489	00	Sample	Method
Date Sampled		09/19/202	3	Reporting		09/19/202	3	Reporting	Reporting
Date Analyzed		09/20/202	3	Limit		09/20/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MKL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	0.53		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	22.0		1	5.00	19.8		1	5,00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	35.8		1	2.00	34.5		. 1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	17.2		1	2.00	13.0		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	7.43		1	2.00	6.67		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ū	1	0.50	0,50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ŭ	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ŭ	1	2.00	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1,00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1,00</td></srl<>	U	1	1.00	1,00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexane	<srl< td=""><td>Ú</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ú	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	1.18		1	0.50	1.20		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231857

MATRIX : AIR UNITS : PPB (v/v) DATE RECEIVED: 09/20/2023

DATE REPORTED : 09/22/2023

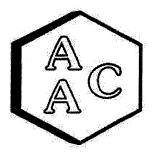
ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-07 091		Sample	Ch	iquito Cyn R	ld 0919	Commis	
AAC ID		231857-488				231857-489		Sample	Method
Date Sampled		09/19/202		Reporting		09/19/202		Reporting	Reporting
Date Analyzed		09/20/202	3	Limit		09/20/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MIKL)
Carbon Tetrachloride	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>Ŭ</td><td>· 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	· 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	0.59		1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	24.2		1	0.50	16,6		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2,00</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2,00	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U .	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Styrene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
BFB-Surrogate Std. % Recovery		115%				115%		1	70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231857 MATRIX: AIR

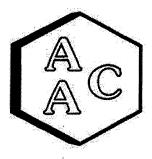
UNITS: PPB (v/v)

DATE RECEIVED: 09/20/2023

DATE REPORTED: 09/22/2023

ANALYST: DL

	S End Linc	oln	6 1		MS-12			
1	231857-489	001	1 - 1		231857-489	02		Method
	09/19/202	3			09/19/202	3	Reporting	Reporting
	09/20/202	3	Limit		09/20/202	3	Limit	Limit
	1.00		(SRL)		1.00		(SRL)	(MRL)
Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MIKL)
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1,00</td></srl<>	Ū	1	1.00	1,00
		1	0.50	0.53		1	0.50	0.50
	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
17.5		1	5.00	22.8		1	5.00	5,00
<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
28.5		1	2.00	34.4		1	2.00	2.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
17.8		1	2.00	14.3		1	2.00	2.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
6.79		1	2.00	7.76		1	2.00	2.00
<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U.	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ù</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ù</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ù	1	2.00	2.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.10		1	0.50	1.31		1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	i	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td></td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1		<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
<srl< td=""><td>Ū</td><td>ī</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	Ū	ī	0.50	<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50
<srl< td=""><td>Ū</td><td>i</td><td></td><td></td><td></td><td>i</td><td></td><td>0.50</td></srl<>	Ū	i				i		0.50
	SRL	231857-489	Result Qualifier Analysis DF	Color	Color	231857-48901 Reporting O9/19/2023 Limit O9/20/2023 Limit O9/20/2023 Limit O9/20/2023 Limit O9/20/2023 Limit O9/20/2023 O9/20/2023 Limit O9/20/2023 O9/20/2023 Limit O9/20/2023 O9/20/2023	Sample	Sample



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231857 MATRIX: AIR

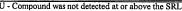
UNITS: PPB (v/v)

DATE RECEIVED: 09/20/2023

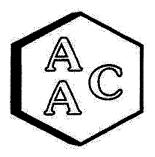
DATE REPORTED: 09/22/2023

ANALYST: DL

Client ID AAC ID		S End Line 231857-489		Sample		MS-12	202	Sample	
Date Sampled	ļ	09/19/202		Reporting		231857-489		Reporting	Method
Date Samplea Date Analyzed		09/19/202		Limit		09/19/202		Limit	Reporting
Can Dilution Factor	ļ	1.00	3	(SRL)		09/20/202 1.00	3		Limit
						T	r	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td> 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.74</td><td></td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.74		11	0.50	0.50
Bromodichloromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td> 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	12.9		1	0.50	14.8		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ŭ	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1 :</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1 :</td><td>0.50</td><td>0.50</td></srl<>	Ü	1 :	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ū	1	0.50	0,50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ū	1	0.50	0,50
1,3-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ú</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ú</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ú	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0,50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1 \</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1 \</td><td>0.50</td><td>0.50</td></srl<>	Ü	1 \	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
BFB-Surrogate Std. % Recovery		116%				114%		- 1,5	70-130%







Laboratory Analysis Report

CLIENT: SCS Engineers PROJECT NO: 231857

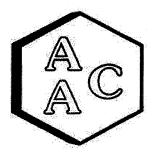
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 09/20/2023

DATE REPORTED: 09/22/2023

ANALYST: DL

Client ID	T	MS-08		C1-		MS-09		C1-	
AAC ID		231857-489	003	Sample		231857-489	004	Sample	Method
Date Sampled		09/19/202	3	Reporting		09/19/202	3	Reporting	Reporting
Date Analyzed		09/21/202	3	Limit		09/21/202	3	Limit	Limit
Can Dilution Factor		1.00		SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.51</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.51		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	25.1		1	5.00	24.5		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Ethanol	44.2		1	2.00	35.7		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	17.3		1	2.00	16.0		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ū	1	0,50	0.50
2-Propanol (IPA)	8.74		1	2.00	6.87		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ü.</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü.	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	1.06		1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ŭ</td><td>1</td><td>0,50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0,50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Hexane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Ethyl Acetate	1.42		1	0.50	1.47		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0,50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ŭ	1	0,50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ū	1	0.50	0,50
Benzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers PROJECT NO: 231857

MATRIX : AIR

UNITS: PPB (v/v)

DATE RECEIVED: 09/20/2023

DATE REPORTED: 09/22/2023

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-08		Sample		MS-09		Sample	
AAC ID		231857-489				231857-489			Method
Date Sampled		09/19/202		Reporting	ı	09/19/202		Reporting	Reporting
Date Analyzed		09/21/202	3	Limit		09/21/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(IVIAL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ŭ	1	0,50	0.50
Cyclohexane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	0.79		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.68</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.68		1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>ט</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	ט	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	10.9		1	0.50	15.4		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Bromoform	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U.	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>. U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	. U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11_</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11_</td><td>0.50</td><td>0.50</td></srl<>	U	11_	0.50	0.50
BFB-Surrogate Std. % Recovery		113%		1		114%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231857

UNITS: PPB (v/v)

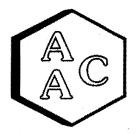
MATRIX: AIR

DATE RECEIVED: 09/20/2023

DATE REPORTED: 09/22/2023

ANALYST: DL

Client ID		MS-05 09	19	C1-	······································	MS-02-09	19		
AAC ID		231857-489		Sample		231857-489	06	Sample	Method
Date Sampled		09/19/202	3	Reporting		09/19/202	3	Reporting	Reporting
Date Analyzed		09/21/202	3	Limit		09/21/202	3	Limit	Limit
Can Dilution Factor		1.00		SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	. ,
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	1.27		1	1.00	1.04		1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td>0.92</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1 .	0.50	0.92		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	30.6		1	5.00	29.0		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>Ī</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	Ī	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	29.3		1	2.00	117	E	1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	49.3		1	2.00	42.4		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>1.46</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	1.46		1	0.50	0.50
2-Propanol (IPA)	4.37		1	2.00	9.46		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.27</td><td></td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.27		1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.94</td><td></td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.94		1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.66</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.66		1	0.50	0.50
Chloroform	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	1.46		1	0.50	2.59		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ŭ</td><td>1 .</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1 .	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>-1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>-1</td><td>0.50</td><td>0.50</td></srl<>	Ū	-1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Benzene	0.73		1	0.50	0.77		1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 09/20/2023

PROJECT NO: 231857

DATE REPORTED: 09/22/2023

MATRIX : AIR

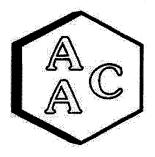
ANALYST: DL

UNITS: PPB (v/v)

Client ID AAC ID		MS-05 09 231857-489		Sample		MS-02-091 231857-489		Sample	Method
Date Sampled		09/19/202	3	Reporting		09/19/202		Reporting	Reporting
Date Analyzed		09/21/202	3	Limit		09/21/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(WIKL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>1.04</td><td></td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	1.04		11	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.70</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.70		1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U.	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>· U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	· U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl.< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl.<></td></srl<>	U	1	0.50	<srl.< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl.<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	64.5		1	0.50	62.5		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 ·</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1 ·</td><td>0,50</td><td>0.50</td></srl<>	U	1 ·	0,50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>. U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>. U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	. U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.44</td><td></td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.44		1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	0.60		1	0.50	<srl< td=""><td>. U</td><td>, 1</td><td>0.50</td><td>0.50</td></srl<>	. U	, 1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
o-Xylene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	Ū	. 1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
BFB-Surrogate Std. % Recovery		115%				113%			70-130%

U - Compound was not detected at or above the SRL.

E- Compound detected above the Reporting Limit. Insufficient volume in Tedlar Bag for dilution, result should be considered estimated.



Laboratory Analysis Report

CLIENT: SCS Engineers

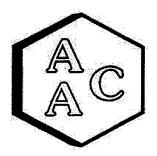
PROJECT NO: 231857

MATRIX : AIR UNITS : PPB (v/v) **DATE RECEIVED: 09/20/2023**

DATE REPORTED: 09/22/2023

ANALYST: DL

Client ID	7 V	Vorking Face	0919	G		Reaction-2	919		
AAC ID		231857-489	07	Sample	***************************************	231857-489	08	Sample	Method
Date Sampled		09/19/202	3	Reporting		09/19/202	3	Reporting	Reporting
Date Analyzed		09/21/202	3	Limit		09/21/202		Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	11.1		1	1,00	5.31		1	1.00	1.00
Dichlorodifluoromethane	2.85		1	0.50	0.56		1	0.50	0.50
Chloromethane	3.44		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	88.9		1	5.00	36.2		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	1510	E	7 1	2.00	85.6		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>7</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	7	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	90.5		1	2.00	37.0		i	2.00	2.00
Trichlorofluoromethane	4.69		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	46.0		1	2.00	13.9		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.00	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū /</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū /</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū /	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>i</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>Ü</td><td>i</td><td>1.00</td><td>1.00</td></srl<>	Ü	i	1.00	1.00
2-Butanone (MEK)	12.5		i	1.00	12.2		î	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>Ū</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ū	î	0.50	0.50
Hexane	2.47		1	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
Chloroform	<srl< td=""><td>Ū</td><td>ī</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	ī	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
Ethyl Acetate	30.5		1	0.50	2.16		i	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>25.8</td><td></td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	25.8		i	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>Ŭ</td><td>ī</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	ī	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1:1-Trichloroethane	<srl< td=""><td>Ŭ</td><td><u> </u></td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	<u> </u>	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
Benzene	0.89		1	0.50	18.4		<u> </u>	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231857

MATRIX : AIR

UNITS: PPB (v/v)

DATE RECEIVED: 09/20/2023

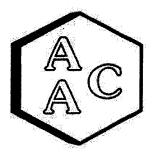
DATE REPORTED: 09/22/2023

ANALYST: DL

Client ID AAC ID Date Sampled	V	orking Face 231857-489 09/19/202	07	Sample Reporting		Reaction-2 0 231857-489 09/19/202	08	Sample Reporting	Method Reporting
Date Analyzed		09/21/202		Limit	******	09/21/202		Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00	······································	(SRL)	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	1.06		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50		1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2,00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2,00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	1.39		1	0.50	0.53		1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.25</td><td></td><td>1</td><td>1.00</td><td>1,00</td></srl<>	U	1	1.00	1.25		1	1.00	1,00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Toluene	52.9		1	0.50	39.3		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethylbenzene	0.74		1	0.50	1.00		i	0.50	0.50
m & p-Xylene	2.49		1	1.00	1.43		1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	0.69		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
o-Xylene	0.80		1	0.50	0.54		1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	i	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	ī	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>ī</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	ī	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>ī</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	ī	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	î	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
BFB-Surrogate Std. % Recovery		114%		*****	- YA)H	114%			70-130%



U - Compound was not detected at or above the SRL.
E- Compound detected above the Reporting Limit. Insufficient volume in Tedlar Bag for dilution, result should be considered estimated.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231857 MATRIX: AIR

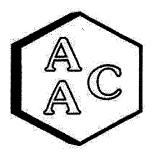
UNITS: PPB (v/v)

DATE RECEIVED: 09/20/2023

DATE REPORTED: 09/22/2023

ANALYST: DL

Client ID		MS-04 09		Sample		MS-03 091		Sample	
AAC ID		231857-489				231857-489			Method
Date Sampled		09/19/202		Reporting		09/19/202		Reporting	Reporting
Date Analyzed		09/21/202	3	Limit		09/21/202	3	Limit	Limit
Can Dilution Factor		1.00	·	SRL)		1,00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MIXL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	0.51		1	0.50	0.50		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	24.7		1	5.00	21.7		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	43.1		1	2.00	39.1		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	16.8		1	2.00	14.1		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>- 0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	- 0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	9.22		1	2.00	8.30		1	2,00	2.00
Acrylonitrile	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td>2,00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td>2,00</td></srl<>	Ŭ	1	2.00	2,00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1,00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ŭ	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	1.42		1	0.50	1.39		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Benzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 09/20/2023

PROJECT NO: 231857

DATE REPORTED: 09/22/2023

MATRIX : AIR

ANALYST: DL

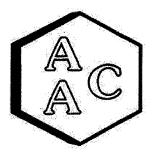
UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-04 091		Sample		MS-03 091		Sample	
AAC ID		231857-489		Reporting		231857-489		Reporting	Method
Date Sampled		09/19/202		Limit		09/19/202		Limit	Reporting
Date Analyzed		09/21/202	<u>s</u>			09/21/202	3		Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	()
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	0.96		11	0.50	0.63		1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>Ū</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1,00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	25.5	,	1	0.50	18.6		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2,00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2,00</td></srl<>	Ū	1	2.00	2,00
Dibromochloromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ú</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ú</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ú	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0,50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0,50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
BFB-Surrogate Std. % Recovery		115%				113%			70-130%

U - Compound was not detected at or above the SRL.





QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 09/21/2023 MATRIX : High Purity N_2 UNITS : PPB (v/v)

INSTRUMENT ID: GC/MS-03 CALIBRATION STD ID: MS1-051623-01

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 07/17/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery 3
4-BFB (surrogate standard)	9,40	10.80	115
Chlorodifluoromethane	5,20	4.38	84
Propene	5.30	3,83	72
Dichlorodifluoromethane	5.20	4.87	94
Dimethyl Ether	5.10	3,61	71
Chloromethane	5.20	4.12	79
Dichlorotetrafluoroethane	5.15	5.00	97
Vinyl Chloride	5,25	4,27	81
Acetaldehyde	10.55	8.67	82
Methanol LI		6.20	66
1.3-Butadiene	5.30	4.15	78
Bromomethane	5.20	5.34	103
Chloroethane	5.15	4.08	79
Dichlorofluoromethane	5.10	4.36	85
Ethanol LI		3.82	68
Vinyl Bromide	5.05	4.49	89
Acrolein	5.55	4.21	76
Acetone	5.30	3.98	75
Trichlorofluoromethane	5.25	5.07	97
2-Propanol (IPA)	5.50	4.02	73
Acrylonitrile	5,60	4.18	75
1,1-Dichloroethene	5,20	4.43	85
Methylene Chloride (DCM)	5.25	4.37	83
TertButanol (TBA)	5.55	4.44	80
Allyl Chloride	5.10	4.00	78
Carbon Disulfide	5.25	4.30	82
Trichlorotrifluoroethane	5.20	5.07	98
trans-1,2-Dichloroethene	5,30	4.44	84
1,1-Dichloroethane	5.25	4.40	84
Methyl Tert Butyl Ether (MTBE)	5.25	4.30	82
Vinyl Acetate	5.50	4.23	77
2-Butanone (MEK)	5.30	4.25	80
cis-1,2-Dichloroethene	5.25	4.59	87
Hexane	5.35	5.06	95
Chloroform	5.30	4.83	91
Ethyl Acetate	5.30	3.95	75
Tetrahydrofuran	5.10	3.79	74
1,2-Dichloroethane	5.25	4.76	91
1,1,1-Trichloroethane	5.20	5.14	99
Benzene	5.30	4.64	88
Carbon Tetrachloride	5.10	6.06	119
Cyclohexane	5.25	4.51	86

Analyte Compounds (Continued)	Source 1	CCV ²	% Recovery 3
1,2-Dichloropropane	5.25	4.39	84
Bromodichloromethane	5.20	5.04	97
1,4-Dioxane	5.20	5.56	107
Trichloroethene (TCE)	5.20	4.82	93
2,2,4-Trimethylpentane	5.00	3.96	79
Methyl Methacrylate	5.50	4,90	89
Heptane	5.25	4.69	89
cis-1,3-Dichloropropene	5.20	4.51	87
4-Methyl-2-pentanone (MiBK)	5.20	5.56	107
trans-1,3-Dichloropropene	5.25	4.79	91
1,1,2-Trichloroethane	5.25	5.18	99
Toluene	5.30	5.13	97
2-Hexanone (MBK)	5.25	5.53	105
Dibromochloromethane	5.15	5.46	106
1,2-Dibromoethane	5.30	5,16	97
Tetrachloroethene (PCE)	5.20	5.35	103
Chlorobenzene	5.30	4.82	91
Ethylbenzene	5.25	4.97	95
m & p-Xylene	10.50	10.14	97
Bromoform	5.25	5.69	108
Styrene	5.25	5.03	96
1,1,2,2-Tetrachloroethane	5.25	5.00	95
o-Xylene	5.25	4.94	94
1,2,3-Trichloropropane	5.50	5.43	99
Isopropylbenzene (Cumene)	5.15	5.03	98
α-Pinene	5.35	4.95	93
2-Chlorotoluene	5.15	4.92	96
n-Propylbenzene	5.05	4.83	96
4-Ethyltoluene	5.15	5.07	98
1,3,5-Trimethylbenzene	5.15	4.98	97
β-Pinene	5,50	5.40	98
1,2,4-Trimethylbenzene	5.15	4.97	97
Benzyl Chloride (a-Chlorotoluene)	5.20	4.51	87
1,3-Dichlorobenzene	5,20	5.19	100
1,4-Dichlorobenzene	5.15	5.16	100
Sec-ButylBenzene	5.05	4.91	97
1,2-Dichlorobenzene	5.30	5,16	97
n-ButylBenzene	5.10	4.92	96
1,2-Dibromo-3-Chloropropane	5.05	4.74	94
1,2,4-Trichlorobenzene	5.50	5.66	103
Naphthalene	5.75	5.81	101
Hexachlorobutadiene	5.50	5.81	106

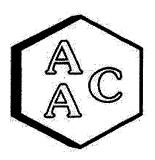
LR - Recovery for this compound was low; results should be considered estimated.



¹Concentration of analyte compound in certified source standard.

² Measured result from daily Continuing Calibration Verification (CCV).

 $^{^3}$ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/21/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity N2

CALIBRATION STD ID: MS1-051623-01

UNITS: PPB (v/v)

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

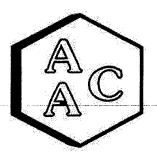
System Monitoring Compounds	Sample	Spike	LCS ¹	LCSD I	LCS ¹	LCSD 1	RPD ³
System Mondoring Compounds	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	KPD
4-BFB (surrogate standard)	0.0	9.40	10.80	10.62	115	113	1.7
1,1-Dichloroethene	0.0	5.20	4.43	4.48	85	86	1.1
Methylene Chloride (DCM)	0.0	5.25	4.37	4.37	83	83	0.0
Benzene	0.0	5.30	4.64	4.78	88	90	3.0
Trichloroethene (TCE)	0.0	5.20	4.82	5.11	93	98	5.8
Toluene	0.0	5.30	5.13	5.16	97	97	0.6
Tetrachloroethene (PCE)	0.0	5.20	5.35	5.56	103	107	3.8
Chlorobenzene	0.0	5.30	4.82	5.07	91	96	5.1
Ethylbenzene	0.0	5.25	4.97	5.06	95	96	1.8
m & p-Xylene	0.0	10.50	10.14	10.37	97	99	2.2
o-Xylene	0.0	5.25	4.94	5.01	94	95	1.4

¹Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)



 $^{^2}$ The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/21/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity He or N_2

ANALYST: DL

UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 092123	Reporting Limit (RL)
4-BFB (surrogate standard)	109%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0,5</td></rl<>	0,5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0,5</td></rl<>	0,5
Allyl Chloride	<rl< td=""><td>1.0</td></rl<>	1.0
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0,5</td></rl<>	0,5
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>1.0</td></rl<>	1.0
2-Butanone (MEK)	<rl< td=""><td>1.0</td></rl<>	1.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0.5</td></rl<>	0.5
Cyclohexane	<rl< td=""><td>0.5</td></rl<>	0.5

Analyte Compounds (Continued)	MB 092123	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>2.0</td></rl<>	2.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>1.0</td></rl<>	1.0
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>2.0</td></rl<>	2.0
Dibromochloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0,5</td></rl<>	0,5
β-Pinene	<rl< td=""><td>0,5</td></rl<>	0,5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0,5</td></rl<>	0,5
1,3-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0,5</td></rl<>	0,5
1,2,4-Trichlorobenzene	<rl< td=""><td>0,5</td></rl<>	0,5
Naphthalene	<rl< td=""><td>1.0</td></rl<>	1.0
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/21/2023

INSTRUMENT ID: GC/MS-03

MATRIX : Air

ANALYST: DL

UNITS: PPB (v/v)

DILUTION FACTOR¹: x1

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 231856-48894

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	10.8	11.2	3.6
Chlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Propene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Dimethyl Ether	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorotetrafluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetaldehyde	<srl< td=""><td><\$RL</td><td>NA</td></srl<>	<\$RL	NA
Methanol	14.7	13.6	7.9
1,3-Butadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromomethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethanol	9.14	9.03	1.2
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Acrolein	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetone	4.73	5.06	6.7
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Propanol (IPA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrylonitrile	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methylene Chloride (DCM)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
TertButanol (TBA)	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Allyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Disulfide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Butanone (MEK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethyl Acetate	1.63	1.75	7.1
Tetrahydrofuran	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Carbon Tetrachloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Cyclohexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichloroethene (TCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Heptane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,1,2-Trichloroethane	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Toluene	0.52	0.52	0.0
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrachloroethene (PCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethylbenzene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
m & p-Xylene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Bromoform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Styrene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
1,1,2,2-Tetrachloroethane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
o-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Isopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
α-Pinene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
4-Ethyltoluene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
1,3,5-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
β-Pinene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
1,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>N:4</td></srl<></td></srl<>	<srl< td=""><td>N:4</td></srl<>	N:4
1,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Sec-ButylBenzene	<srl< td=""><td><srl< td=""><td><i>N</i>.4</td></srl<></td></srl<>	<srl< td=""><td><i>N</i>.4</td></srl<>	<i>N</i> .4
1,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
n-ButylBenzene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
1,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
1,2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Naphthalene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Hexachlorobutadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%). SRL - Sample Reporting Limit (minimum)

96681 Signature: Relinquished By Signature: Print: Try Relinquished By SCV is empty (Bug popped) Client Notes/Special Instructions: Client/Company Name SCS ENGINEERS Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003 Client Sample Name Turnaround Time 🛛 Rush 72 h Rush 48 h Rush 24 h Project Manager Name PAUL SCHAFER CHAIN OF CUSTODY AND ANALYSIS REQUEST -- Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields. White Can Ms-io 80 SW 60.5W may ☐ Normal ☐ 5 Days ☐ Same Day es of 0920 **S a** 回辺 48907 48904 7890 48903 4889 an 9/2-3 C6884 48895 6 683h 86884 78896 Project Name Print: Homando Signature: Sampler Name Project Number Sample ID 01204123.21 TASK 22 CHIQUITA Date 9/19/23 Time Time Sampling Date 6 077 Received By Print: Received By Print: 9141 i go らかた 787 Sampling Signature: 458 202 Signature: 196 Q 104 Time Container Type/Qty X X X 6 8 6 Ø R **307.91 SULFUR** X þ y X TO-15 FULL LIST Analysis Requested Date / A NO Date EDD? Time のしてつ □No □Yes Send Report To (Name/Email/Address) Send Invoice To (Name/Email/Address) **AAC Project No.:** PO Number pschafer@scsengineers.com

AAC COC Rev 3

Page_

Issued 02/04/2021

Issued 02/04/2021

2) 2)

CHAIN OF CUSTODY AND ANALYSIS REQUEST — Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields	ANALYSIS	REQUES	T - Chain of	Custody is a L	EGAL DOCU	IMENT. Co	mplete all rel	evant fields.	
Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suit	g · Phone: 805	-650-1642 ·	Email: info@	aaclab.com ·	1534 Eastr	າan Ave Su	ite A, Ventura, CA 93003	a, CA 93003	AAC Project No.:
SCS ENGINEERS	Project Name	>	*			Analys	sis Requested	d	Send Report To (Name/Email/Address)
Project Manager Name PAUL SCHAFER	Project Number 01204123.21	oject Number 01204123.21 TASK 22	(on)			Γ		,	pschafer@scsengineers.com
Turnaround Time	Sampler Name	ē			R	LIS		de produktoju,	Sand Involve To the Control of the C
☐ Rush 24 h ☐ Same Dav	· · · · · · · · · · · · · · · · · · ·	-	E	,	FU	L I		MITTURAÇÃ	Send Invoice 10 (Name/Email/Address)
☐ Rush 48 h ☐ 5 Days	Print: Homewa	sporal	Juntoch	2	ULF	ULI		M*************************************	
	Signature:		H		91 SI	15 F		- 	PO Number
Client Sample Name	Sample ID	Sampling	Sampling	Container	307.9	ТО-			
MS-05 0819	N 800 C	a la	80L2	* A CONT	S	e			
WS-03 810	90634	_	いない	1	> 2	R,			
Narena Face 0119	48907		\$3.50 \$6.50		5	K.			
Peachen - 2 09 9	48908		0935		ъ	B			
	48909		1332		ь	8			
M3-03 00/9	01684	+	130%	4	ඊ	D			
		1.45							Aleman S
				\setminus	,				The lead of the last of the la
				$\sqrt{}$					
									The state of the s
Client Notes/Special Instructions:							EDD?		
						1,	□No E		
Print: Hrands Harbols		Date Wals	Received By				Date		
Signature: John Mills		Time	Signature:				Time		
remindusined by		Date	Received By Print:)	/		Date 4/19/27		
oknacie:		Time	Signature:	1/10			Time 06127		



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita (Off)

PROJECT NUMBER

: 01204123.21 TASK 22

AAC PROJECT NO.

: 231857

REPORT DATE

: 09/21/2023

On September 19th, 2023, Atmospheric Analysis & Consulting, Inc. received sixteen (16) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Client ID Lab No.		Lab No
SCV_0919	231857-48895	MS-08	231857-48903
MS-10 0919	231857-48896	MS-09	231857-48904
MS-11 0919	231857-48897	MS-05_0919	231857-48905
MS-06 0919	231857-48898	MS-02_0919	231857-48906
MS-07 0919	231857-48899	Working Face 0919	231857-48907
Chiquita Cyn Rd 0919	231857-48900	Reaction-2 0919	231857-48908
S End Lincoln	231857-48901	MS-04_0919	231857-48909
MS-12	231857-48902	MS-03_0919	231857-48910

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. Sample "SCV_0919" (AAC ID 231857-48895) was received with low sample volume. Per client's chain of custody, this sample might have been received empty as Tedlar bag popped during sampling process. No other problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Technical Director

This report consists of 8 pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

UNITS: ppmv

PROJECT NO.: 231857 MATRIX: AIR SAMPLING DATE: 09/19/2023 RECEIVING DATE: 09/19/2023

ANALYSIS DATE: 09/20/2023 REPORT DATE: 09/21/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	SCV 0919	MS-10 0919	MS-11 0919	MS-06 0919	MS-07 0919	Chiquita Cyn Rd 0919
AAC ID	231857-48895	231857-48896	231857-48897	231857-48898	231857-48899	231857-48900
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 231857

MATRIX : AIR UNITS : ppmv

SAMPLING DATE: 09/19/2023

RECEIVING DATE: 09/19/2023

ANALYSIS DATE: 09/20/2023 REPORT DATE: 09/21/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	S End Lincoln	MS-12	MS-08	MS-09	MS-05 0919	MS-02 0919
AAC ID	231857-48901	231857-48902	231857-48903	231857-48904	231857-48905	231857-48906
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H_2S



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO. : 231857

MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 09/19/2023

RECEIVING DATE: 09/19/2023 ANALYSIS DATE: 09/20/2023

REPORT DATE: 09/21/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	Working Face 0919	Reaction-2 0919	MS-04_0919	MS-03 0919
AAC ID	231857-48907	231857-48908	231857-48909	231857-48910
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 9/20/2023 Analyst: CM/KM

Units: ppmV

Instrument ID: SCD-BTU Calb. Date:: 6/13/2023

Opening Calibration Verification Standard

0.500 ppbV H2S (SS1289

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	883	0.508	101.7	0.7
Duplicate	865	0.498	99.6	1.4
Triplicate	884	0.509	101.8	0.8

0.548 ppbV H2S (SS1289)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	900	0.547	99.9	0.4
Duplicate	892	0.542	99.0	1.2
Triplicate	918	0.558	101.9	1.6

0.479 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	872	0.481	100.3	1.1
Duplicate	868	0.479	99.9	0.8
Triplicate	845	0.466	97.3	1.9

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< td=""></pql<>
DMS	<pql< td=""></pql<>

Duplicate Analysis	S		Sample ID	220521-28939
	C	D II		

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< th=""><th><pql< th=""><th>0.000</th><th>0.0</th></pql<></th></pql<>	<pql< th=""><th>0.000</th><th>0.0</th></pql<>	0.000	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0

Matrix Spike & Duplicate 220521-28939 x2

Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
L	Conc.	Added	Result	Result	% Rec **	% Rec **	70 KI B
H ₂ S	<pql< td=""><td>0.250</td><td>0.251</td><td>0.242</td><td>100.5</td><td>96.8</td><td>3.7</td></pql<>	0.250	0.251	0.242	100.5	96.8	3.7
MeSH	<pql< td=""><td>0.274</td><td>0.250</td><td>0.252</td><td>91.3</td><td>92.1</td><td>0.8</td></pql<>	0.274	0.250	0.252	91.3	92.1	0.8
DMS	<pql< td=""><td>0.240</td><td>0.234</td><td>0.229</td><td>97.7</td><td>95.6</td><td>2.2</td></pql<>	0.240	0.234	0.229	97.7	95.6	2.2

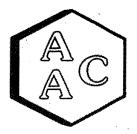
Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.500	0.546	109.3
MeSH	0.548	0.590	107.8
DMS	0.479	0.495	103.3

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.

PQL - 50.0 ppbV

MDL = 1.1 ppbV



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 9/20/2023 Analyst: KM

Units: ppbV

Instrument ID: SCD#10 Calb. Date:: 07/11/2022

Opening Calibration Verification Standard

499 8 nnhV H2S (SS1 289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1868	507	101.4	2.8
Duplicate	1777	482	96.5	2.2
Triplicate	1805	490	98.0	0.6

347.3 ppov H23 (33126)	?/			
MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2373	550	100.5	0.5
Duplicate	2388	554	101.1	0.1
Triplicate	2396	556	101.5	0.4

479.0 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2482	469	98.0	0.6
Duplicate	2558	484	101.0	2.4
Triplicate	2454	464	96,9	1.8

Method Blank

Analyte	Result
H ₂ S	<pql< td=""></pql<>
MeSH	<pql< td=""></pql<>
DMS	<pql< td=""></pql<>

Duplicate Analysis	}		Sample ID	220521-28941
Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0

Sample ID Matrix Spike & Duplicate 231438-46986 MSD Spike MS MSD % RPD ** Analyte Conc. Added Result Result % Rec ** % Rec ** 99.3 H₂S 249.9 <PQL 246.2 248.2 98.5 0.8 <PQL 259.5 MeSH 273.8 262.5 94.8 95.9 1.1 **DMS** <PQL 246.1

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	499.8	492.8	98.6
MeSH	547.5	560.7	102.4
DMS	479.0	510.7	106.6

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD fro. ssAS

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbVDMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV

	, M	
(2
	<u> </u>	<u>"</u> /

Signature:	Print:	Relinquished By		Print: Area Control	Relinquished By	10. 10 couply loved belowed	へく ごいまみ しゅう	client Notes/Special Instructions:	18904			48907	7890		1000 00 00 00 00 F	6 683h MICO 10 10 10 10 10 10 10 10 10 10 10 10 10	-			+	30. D 30 49	C 8887	The state of the s	73	1884 M894		Client Sample Name	№ Rusn / 2 h	☐ 5 Days	☐ Same Day	Time		PAUL SCHAFER Proj	. N	Company Name Proj	Armospheric Analysis and Consulting - Phone: 805-650-1642 - Email: info@aarlah com - 1524 Forting - Phone: 805-650-1642
Time	Date			Date		SPPRA))) 					samo)	JOHN	\$ 1 4/Lo/23	_			The state of the s	ATTITUDE OF THE PARTY OF THE PA	22 270,6	2	No Roce	6	Tago .	0	Sample ID Date	Sampling	oignature.			Sampler Name	01204123.21 TASK 22	Project Number	CHIQUITA /ofi	Project Name	one: 805-650-1642 · E
Signature:	Received By	Signature:	Print:	Received By						8			8			1			the second secon	120					I PECALLY	Time Type/Ot-	\dashv	S. 3. 6.		and the same of th		2	60	T		mail: info@aaclah com . 1534 Econo
		/	1					X	-	\frac{1}{Y}	X	+		8		5	The second section of the second section of the second section of the second section of the second section sec			6	N.		N N	>	+	**********		1 SI 5 F				-		Anai	TO THE STREET TO THE STREET	TEST ENGLOWIENT. CO
7/14/23	Date /	Time		Date		□Yes Nate	EDD?									The Grange of		ATTENDED TO THE PARTY OF THE PA																ysis Requested	ite A, Ventura, CA 93003	inplete all relevant fields.
	10.10		198																						201 201 201 201 201 201 201 201 201 201			PO Number		Send Invoice To		I	pschafer@scs	Send Report To	AAC Project No.:	
		がは、一般などである。										- Total Cans			hittalee		AND HOLD IN THE						STUBS							Send Invoice To (Name/Email/Address)		c	pschafer@scsengineers.com	Send Report To (Name/Email/Address)	:,	

18900

AAC COC Rev 3

age__of_

Issued 02/04/2021

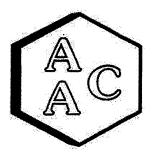
AAC COC Rev 3

Issued 02/04/2021

Page___of

CHAIN OF CUSTODY AND ANALYSIS REQUEST — Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Aumospheric Analysis and Consultii	ng · Phone: SOC_KED_1643	G		היים שו הוכשמות ווכושם.	<
Client/Company Name Project Name	Project Name	- Elliali: Info@aaciab.com -	1534 Eastman Ave Su	uite A, Ventura, CA 93003	AAC Project No.:
SCS ENGINEERS	CHIQUITA	ڊ چت	Anal	lysis Requested	Send Report To (Name/Email/Address)
PAUL SCHAFER	01204123 21 TASK 22				pschafer@scsengineers.com
Turnaround Time	Sampler Name		-		
	Print:				Send Invoice To (Name/Email/Address)
Rush 48 h			-		
₩ Rush 72 h	Signature:	At .	··········		PO Number
Client Sample Name	Sample ID Sampling	Sa	07.9 ⁻ O-1		A INC. INC. INC.
SV CA			-		
	1000	10 5% F	8		Clean Change
	18.00		8		
*	1000		& X		
	500000000000000000000000000000000000000		6		
200 20-20	4 8 q - 0		6		
	÷ ₁ ,2,7		2		
Client Notes/Special Instructions:					TO THE STATE OF TH
				EDD?	
				□Yes Value	
~	7				
Signature: Signature:	Scholle	Received By Print:		Date San	
Relinquished By	Date	Signature:		Time And	
Signature:	Time	Print:	· ,	9/19/~2	
		- Granita		Time 06-1-7 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图	



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita (OFF)

PROJECT NO.

: 01204123.21 Task 22

AAC PROJECT NO.

: 231923

REPORT DATE

: 09/28/2023

On September 26, 2023, Atmospheric Analysis & Consulting, Inc. received sixteen (16) Tedlar Bags for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Client ID	Lab ID
MS-06	231923-49161	MS-07	231923-49169
MS-12	231923-49162	SCV	231923-49170
MS-10	231923-49163	MS-03	231923-49171
MS-09	231923-49164	Working Face	231923-49172
S End Lincoln	231923-49165	MS-02	231923-49173
Chiquito Cyn Rd	231923-49166	MS-05	231923-49174
MS-11	231923-49167	Reaction	231923-49175
MS-08	231923-49168	MS-04	231923-49176

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. These samples were received in Tedlar Bags, which are considered inappropriate containers by EPA Method TO-15. No problems were encountered during receiving, preparation, and/or analysis of these samples.

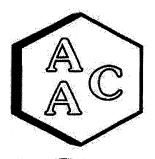
The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Satha Parmar, Ph Technical Director

19Cillical Direct

This report consists of 23 pages.



Laboratory Analysis Report

CLIENT: SCS Engineers
PROJECT NO: 231923

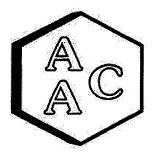
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 09/26/2023

DATE REPORTED : 09/28/2023

ANALYST: DL

Client ID		MS-06		Sample		MS-12		GI	
AAC ID		231923-491		•		231923-491		Sample	Method
Date Sampled		09/26/202		Reporting		09/26/202		Reporting	Reporting
Date Analyzed		09/27/202	3	Limit		09/27/202	3	Limit	Limit
Can Dilution Factor		1.00		SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MKL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	0.51		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	13.5		. 1	5.00	24.8		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>Ú</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ú	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethanol	26.2		1	2.00	35.5		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	13.8		1	2.00	20.9		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
2-Propanol (IPA)	5.44		1	2,00	4.61		1	2.00	2,00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1,00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td>1.00</td></srl<>	U	1	1,00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td>1.70</td><td></td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1,00	1.70		1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>1.44</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	1.44		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ù</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>ĺ</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ù	1	0.50	<srl< td=""><td>U</td><td>ĺ</td><td>0.50</td><td>0.50</td></srl<>	U	ĺ	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>1.01</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	1.01		1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231923 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 09/26/2023

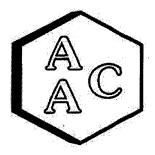
DATE REPORTED: 09/28/2023

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-06		Sample		MS-12		Sample	
AAC ID		231923-491				231923-491			Method
Date Sampled		09/26/202		Reporting		09/26/202		Reporting	Reporting
Date Analyzed		09/27/202	3	Limit		09/27/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MKL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>ĺ</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	ĺ	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	0.54		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	11	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	21.0		1	0.50	40.3		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1 .	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 '</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1 '</td><td>0.50</td><td>0.50</td></srl<>	U	1 '	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	0.57		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>П</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	П	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
BFB-Surrogate Std. % Recovery		120%				113%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers PROJECT NO: 231923

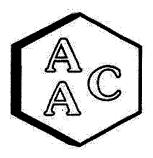
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 09/26/2023

DATE REPORTED: 09/28/2023

ANALYST: DL

Client ID		MS-10		Sample		MS-09		Sample	
AAC ID		231923-491				231923-491	64		Method
Date Sampled		09/26/202		Reporting		09/26/202		Reporting	Reporting
Date Analyzed		09/27/202	3	Limit		09/27/202	3	Limit	Limit
Can Dilution Factor	l	1,00		(SRL) [1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MIKL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.58</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.58		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	14.9		1	5.00	16.2		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>Ù</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ù	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	27,4		1	2.00	28.4		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	13.3		1	2.00	24.7		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
2-Propanol (IPA)	5.75		1	2.00	7.66		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>i i</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	i i	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
1,1-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	· U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.02</td><td></td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.02		1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>Ų</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ų	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Benzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231923

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 09/26/2023

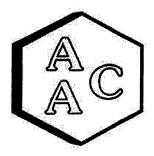
DATE REPORTED: 09/28/2023

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID		MS-10 231923-491	63	Sample		MS-09 231923-491	64	Sample	Method
Date Sampled	 	09/26/202		Reporting		09/26/202		Reporting	Reporting
Date Analyzed		09/27/202		Limit		09/27/202		Limit	
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	0.83		1	0.50	1.05		1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U .</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U .	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1,00</td><td>1,00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1,00</td><td>1,00</td></srl<>	Ū	1	1,00	1,00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	19.2		1	0.50	19.2		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ü	1	0,50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	0.66		1	0.50	0.58		1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1.</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1.</td><td>1.00</td><td>1.00</td></srl<>	U	1.	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene `	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>Î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>Î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	Î	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
BFB-Surrogate Std. % Recovery		114%				115%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231923 MATRIX: AIR

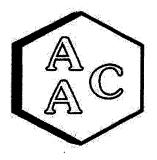
UNITS: PPB (v/v)

DATE RECEIVED: 09/26/2023

DATE REPORTED: 09/28/2023

ANALYST: DL

Client ID	Î .	S End Line	oln	Camala		Chiquito Cyr	n Rd	G1	
AAC ID		231923-491	65	Sample		231923-491		Sample	Method
Date Sampled		09/26/202	3	Reporting		09/26/202	3	Reporting	Reporting
Date Analyzed		09/27/202	3	Limit		09/27/202	3	Limit	Limit
Can Dilution Factor		1.00		SRL)		1,00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MKL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	0.57		1	0.50	0.53		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	28.1		1	5.00	24.7		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	47.4		1	2,00	29.4		1	2,00	2.00
Vinyl Bromide	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	24.1		1	2.00	21.3		1	2.00	2,00
Trichlorofluoromethane	0.61		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	5.73		1	2.00	4.48		1	2.00	2,00
Acrylonitrile	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ŭ	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ū	1	0.50	0,50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<ŚRL	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
2-Butanone (MEK)	1.51		1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	1.77		1	0.50	1,33		1	0.50	0.50
Tetrahydrofuran	0.69		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ū	1	0.50	0,50
Benzene	0.92		1	0,50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231923 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 09/26/2023

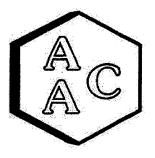
DATE REPORTED: 09/28/2023

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		S End Line		Sample		Chiquito Cyr		Sample	
AAC ID		231923-491		Reporting		231923-491		Reporting	Method
Date Sampled		09/26/202				09/26/202		1 1	Reporting
Date Analyzed		09/27/202	3	Limit		09/27/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00	<u> </u>	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(11112)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<>	U	11	0.50	0,50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>· 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>· 1</td><td>0.50</td><td>0.50</td></srl<>	U	· 1	0.50	0.50
Toluene	47.2		1	0.50	42.4		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
o-Xylene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ū	1	0.50	0,50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ū	11	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ü	11	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ.	1	0.50	0.50
BFB-Surrogate Std. % Recovery		114%				114%			70-130%





Laboratory Analysis Report

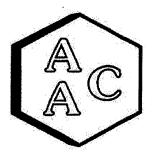
CLIENT: SCS Engineers PROJECT NO: 231923

MATRIX : AIR UNITS : PPB (v/v) **DATE RECEIVED:** 09/26/2023

DATE REPORTED: 09/28/2023

ANALYST: DL

Client ID		MS-11		Sample		MS-08		Comple	
AAC ID		231923-491		Sample		231923-491		Sample	Method
Date Sampled		09/26/202	3	Reporting		09/26/202	3	Reporting	Reporting
Date Analyzed		09/27/202	3	Limit		09/27/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MICL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1,00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1,00</td></srl<>	U	1	1.00	1,00
Dichlorodifluoromethane	0.53		1	0.50	0.54		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	17.6		1	5.00	16.7		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1 ,</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 ,	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Ethanol	27.6		1	2.00	39.9		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	16.0		1	2.00	16.0		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	4.67		1	2.00	7.04		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ù</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ù</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ù	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.29</td><td></td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.29		1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroform	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.54</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.54		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	ī	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Benzene	<srl< td=""><td>U</td><td>i i</td><td>0.50</td><td>0.51</td><td></td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	i i	0.50	0.51		i	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231923 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 09/26/2023

DATE REPORTED: 09/28/2023

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-11		Sample		MS-08		Sample	
AAC ID		231923-491		:		231923-491			Method
Date Sampled		09/26/202		Reporting		09/26/202		Reporting	Reporting
Date Analyzed		09/27/202	3	Limit		09/27/202	3	Limit	Limit
Can Dilution Factor		1.00	·	(SRL)		1,00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MIKL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ū	11	0.50	0.50
Cyclohexane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.74</td><td>·</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.74	·	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>ט</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	ט	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ų</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ų	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	26.9		1	0.50	21.4		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	0.81		1	0.50	0.86		1	0.50	0.50
m & p-Xylene	1.07		. 1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
BFB-Surrogate Std. % Recovery		114%				118%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231923 MATRIX: AIR

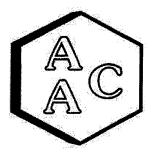
UNITS: PPB (v/v)

DATE RECEIVED: 09/26/2023

DATE REPORTED: 09/28/2023

ANALYST: DL

Client ID		MS-07		G1-	·····	SCV		G.,	
AAC ID		231923-491		Sample		231923-491	70	Sample	Method
Date Sampled		09/26/202	3	Reporting		09/26/202	3	Reporting	Reporting
Date Analyzed		09/27/202	3	Limit		09/27/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	0.50		1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Methanol	25.5		1	5.00	16.9	1	1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	38.3		1	2.00	31.7		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	26.1		1	2.00	12.7		1	2.00	2.00
Trichlorofluoromethane	0.53		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	5,86		1	2,00	6.81		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	Ū	ī	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
2-Butanone (MEK)	1.47		1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	Ü	ī	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
Ethyl Acetate	1.51		i	0.50	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	î	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i i	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Benzene	0.56		1	0.50	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1 1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231923 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 09/26/2023

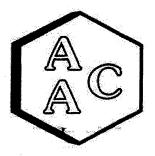
DATE REPORTED : 09/28/2023

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-07		Sample		SCV		Sample	
AAC ID		231923-491				231923-491			Method
Date Sampled		09/26/202		Reporting		09/26/202		Reporting	Reporting
Date Analyzed		09/27/202	3	Limit		09/27/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL) [1.00		SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MKL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.87</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.87		1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2,00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2,00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	58.2		1	0.50	14.9		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2,00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2,00</td></srl<>	U	1	2.00	2,00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ū</td><td>ı</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	ı	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.65</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.65		1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ū	1	0.50	0,50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,3;5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2;4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ü	1	0.50	0,50
BFB-Surrogate Std. % Recovery	CDY	117%				118%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231923

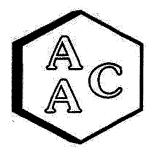
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 09/26/2023

DATE REPORTED: 09/28/2023

ANALYST: DL

Client ID		MS-03		Sample Working Face			Commis		
AAC ID		231923-491			231923-49172			Sample	Method
Date Sampled		09/26/202		Reporting		09/26/202		Reporting	Reporting
Date Analyzed		09/27/202	3	Limit 09/27/2023		Limit	Limit		
Can Dilution Factor		1,00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MIKL)
Chlorodifluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1,00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1,00</td><td>1.00</td></srl<>	Ū	1	1,00	1.00
Dichlorodifluoromethane	0.52		1	0.50	0.59		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Methanol	16.4		1	5.00	27.1		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>ט</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	ט	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Û</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Û</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Û	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	28.6		1	2.00	29.8		. 1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Acetone	13.6		1	2.00	22.0		1	2,00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.68</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.68		1	0.50	0.50
2-Propanol (IPA)	5.76		1	2.00	4.81		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.28</td><td></td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.28		1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ū	1	0,50	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>_ 1</td><td>0.50</td><td>1.37</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	_ 1	0.50	1.37		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.52</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.52		1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231923 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 09/26/2023

DATE REPORTED: 09/28/2023

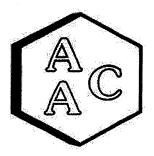
ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-03	**************************************	Sample		Working Fa		Sample	
AAC ID		231923-491			231923-49172				Method
Date Sampled	09/26/2023			Reporting	09/26/2023			Reporting	Reporting
Date Analyzed	09/27/2023		Limit		09/27/202	3	Limit	Limit	
Can Dilution Factor		1,00		(SRL)		1,00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MILL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,2-Dichloropropane	0.62		1	0,50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ū</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ū	11	0.50	0.50
1,4-Dioxane	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>. U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	. U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	23.0		1	0.50	47.2		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	0.61		1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Bromoform	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	Ū	ī	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ü	1	0.50	0,50
BFB-Surrogate Std. % Recovery		118%			7.5.00	114%			70-130%



E-Compound detected above the Reporting Limit. Insufficient volume in Tedlar Bag for dilution, result should be considered estimated.



Laboratory Analysis Report

CLIENT: SCS Engineers

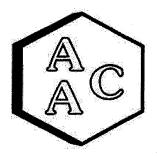
PROJECT NO: 231923

MATRIX : AIR UNITS : PPB (v/v) **DATE RECEIVED: 09/26/2023**

DATE REPORTED: 09/28/2023

ANALYST: DL

Client ID		MS-02		C1-		MS-05		C1.	
AAC ID		231923-491	73	Sample	231923-49174			Sample	Method
Date Sampled		09/26/202		Reporting	09/26/2023			Reporting	Reporting
Date Analyzed	09/27/2023		Limit		09/27/202	3	Limit	Limit	
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MIKL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	1.03		1	1.00	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ŭ	1	1.00	1.00
Dichlorodifluoromethane	0,53		1	0.50	0.54		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Methanol	28.6		1	5.00	24.8		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Ethanol	34.1		1	2.00	23.8		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Acetone	27.2		1	2.00	22.1		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	7.03		1	2.00	4.32		i i	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
2-Butanone (MEK)	3.04		1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	Ü	ī	0.50	0.50
Ethyl Acetate	1.42		1	0.50	1.06		i	0.50	0.50
Tetrahydrofuran	2.84		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	Ü	ī	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzene	1.76		1	0,50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231923 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 09/26/2023

DATE REPORTED: 09/28/2023

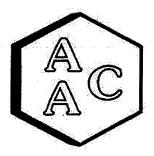
ANALYST: DL

Client ID AAC ID		MS-02 231923-491	73	Sample		MS-05 231923-491	74	Sample	Method
Date Sampled		09/26/202		Reporting		09/26/202		Reporting	Reporting
Date Analyzed		09/27/202		Limit		09/27/202		Limit	
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.52</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.52		1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0,50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0,50</td></srl<>	U	1	0,50	0,50
cis-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Toluene	57.8		1	0.50	41.4	<u> </u>	1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
m & p-Xylene	1.01		1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ū</td><td><u> </u></td><td>0.50</td><td><srl< td=""><td>ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	<u> </u>	0.50	<srl< td=""><td>ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	ŭ	1	0.50	0.50
BFB-Surrogate Std. % Recovery	1	123%			-DAVE	120%			70-130%
U - Compound was not detected at or above	the SRI.								70 13070

U - Compound was not detected at or above the SRL.

E- Compound detected above the Reporting Limit. Insufficient volume in Tedlar Bag for dilution, result should be considered estimated.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 231923

MATRIX : AIR
UNITS : PPB (v/v)

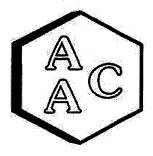
DATE RECEIVED: 09/26/2023

DATE REPORTED: 09/28/2023

ANALYST: DL

Client ID		Reaction		Sample	····	MS-04	<u> </u>	Cample	
AAC ID		231923-491				231923-491		Sample	Method
Date Sampled		09/26/202		Reporting		09/26/202		Reporting	Reporting
Date Analyzed		09/27/202	3	Limit 09/27/2023		Limit	Limit		
Can Dilution Factor		1.00	·	[(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(WIKL)
Chlorodifluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	24.0		1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.51</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.51		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	62.5		1	5.00	25.6		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	42.7		1	2.00	19.8		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	62.7		1	2.00	22.7		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
2-Propanol (IPA)	34.2		-1	2.00	4.60		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 .	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	31.2		1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Ethyl Acetate	2.18		1	0.50	1.08		1	0.50	0.50
Tetrahydrofuran	52.1		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	48.2		1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50





Laboratory Analysis Report

CLIENT: SCS Engineers
PROJECT NO: 231923

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 09/26/2023 DATE REPORTED: 09/28/2023

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID	Reaction 231923-49175			Sample		MS-04 231923-491	<i>57</i>	Sample	Method
Date Sampled		09/26/202		Reporting		09/26/202		Reporting	
	 	09/26/202		Limit				Limit	Reporting
Date Analyzed Can Dilution Factor	ļ	1.00	3	03/2//2020			1	Limit	
			r	(SRL)			r	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<>	U	11	0.50	0,50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	1.42		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
4-Methyl-2-pentanone (MiBK)	1.84		11	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1,00</td></srl<>	U	1	1.00	1,00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	63,1		1	0.50	52.0		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	1.97		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	2.63		1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	1.03		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0,50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0,50</td></srl<>	U	1	0,50	0,50
BFB-Surrogate Std. % Recovery		116%				119%			70-130%





QUALITY CONTROL / QUALITY ASSURANCE REPORT

 $\begin{aligned} & ANALYSIS\ DATE\ :\ 09/27/2023 \\ & MATRIX\ :\ High\ Purity\ N_2 \\ & UNITS\ :\ PPB\ (v/v) \end{aligned}$

INSTRUMENT ID: GC/MS-03
CALIBRATION STD ID: MS1-051623-01
ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 07/17/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery 3
4-BFB (surrogate standard)	9.40	10.53	112
Chlorodifluoromethane	5,20	4.41	85
Propene	5,30	3.85	73
Dichlorodifluoromethane	5.20	4.86	93
Dimethyl Ether	5.10	3.62	71
Chloromethane	5.20	4.37	84
Dichlorotetrafluoroethane	5.15	4.92	96
Vinyl Chloride	5.25	4.35	83
Acetaldehyde	10,55	7.73	73
Methanol	9.40	6.70	71
1,3-Butadiene	5.30	4.18	79
Bromomethane	5.20	5.27	101
Chloroethane	5.15	4.41	86
Dichlorofluoromethane	5.10	4.64	91
Ethanol	5.60	4.03	72
Vinyl Bromide	5.05	4.49	89
Acrolein LR	5.55	3.87	70
Acetone	5.30	3.97	75
Trichlorofluoromethane	5.25	5,12	98
2-Propanol (IPA)	5.50	4.08	74
Acrylonitrile	5.60	4.27	76
1,1-Dichloroethene	5.20	4.46	86
Methylene Chloride (DCM)	5.25	4.27	81
TertButanol (TBA)	5.55	4.59	83
Allyl Chloride	5.10	4.14	81
Carbon Disulfide	5.25	4.35	83
Trichlorotrifluoroethane	5.20	5.13	99
trans-1,2-Dichloroethene	5,30	4.77	90
1,1-Dichloroethane	5.25	4.46	85
Methyl Tert Butyl Ether (MTBE)	5.25	4.24	81
Vinyl Acetate	5.50	4.35	79
2-Butanone (MEK)	5.30	4.13	78
cis-1,2-Dichloroethene	5.25	4.51	86
Hexane	5.35	4,65	87
Chloroform	5.30	4.89	92
Ethyl Acetate	5.30	4.05	76
Tetrahydrofuran	5,10	3.94	77
1,2-Dichloroethane	5.25	4.84	92
1,1,1-Trichloroethane	5.20	4.96	95
Benzene	5.30	4.83	91
Carbon Tetrachloride	5.10	6.28	123
Cyclohexane	5.25	4.90	93

Analyte Compounds (Continued)	Source 1	CCV ²	% Recovery 3
1,2-Dichloropropane	5.25	4.50	86
Bromodichloromethane	5,20	5.40	104
1,4-Dioxane	5.20	5.91	114
Trichloroethene (TCE)	5.20	4,93	95
2,2,4-Trimethylpentane	5.00	4.26	85
Methyl Methacrylate	5.50	5.01	91
Heptane	5.25	4.80	91
cis-1,3-Dichloropropene	5.20	4.68	90
4-Methyl-2-pentanone (MiBK)	5.20	5.66	109
trans-1,3-Dichloropropene	5,25	4.81	92
1,1,2-Trichloroethane	5.25	5.10	97
Toluene	5.30	5.11	96
2-Hexanone (MBK)	5.25	5.66	108
Dibromochloromethane	5.15	5.61	109
1,2-Dibromoethane	5.30	5.21	98
Tetrachloroethene (PCE)	5.20	5.61	108
Chlorobenzene	5,30	4.89	92
Ethylbenzene	5,25	4.79	91
m & p-Xylene	10.50	9.66	92
Bromoform	5.25	5.5I	105
Styrene	5.25	4.90	93
1,1,2,2-Tetrachloroethane	5.25	5.03	96
o-Xylene	5.25	4.82	92
1,2,3-Trichloropropane	5.50	5.34	97
Isopropylbenzene (Cumene)	5.15	4.94	96
α-Pinene	5.35	4.95	93
2-Chlorotoluene	5.15	4.92	96
n-Propylbenzene	5.05	4.76	94
4-Ethyltoluene	5.15	4.87	95
1,3,5-Trimethylbenzene	5.15	4.80	93
β-Pinene	5.50	5.44	99
1,2,4-TrimethyIbenzene	5.15	4.79	93
Benzyl Chloride (a-Chlorotoluene)	5.20	4.49	86
1,3-Dichlorobenzene	5.20	5.13	99
1,4-Dichlorobenzene	5.15	5.11	99
Sec-ButylBenzene	5.05	4.79	95
1,2-Dichlorobenzene	5.30	5.36	101
n-ButylBenzene	5.10	4.75	93
1,2-Dibromo-3-Chloropropane	5.05	4.72	93
1,2,4-Trichlorobenzene	5.50	5.64	103
Naphthalene	5.75	5.71	99
Hexachlorobutadiene	5,50	5.74	104

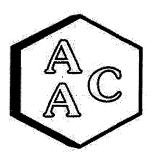
LR - Recovery for this compound was low; results should be considered estimated.



¹Concentration of analyte compound in certified source standard.

 $^{^{2}\,\}mathrm{Measured}$ result from daily Continuing Calibration Verification (CCV).

 $^{^3}$ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/27/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity N₂
UNITS: PPB (v/v)

CALIBRATION STD ID: MS1-051623-01

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

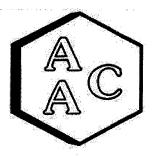
System Monitoring Compounds	Sample	Spike	LCS ¹	LCSD ¹	LCS ¹	LCSD 1	RPD ³	
System Monttoring Compounts	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	KPD	
4-BFB (surrogate standard)	0.0	9.40	10.53	10.68	112	114	1.4	
1,1-Dichloroethene	0.0	5.20	4.46	4.74	86	91	6.1	
Methylene Chloride (DCM)	0.0	5.25	4.27	4.55	81	87	6.3	
Benzene	0.0	5.30	4.83	4.95	91	93	2.5	
Trichloroethene (TCE)	0.0	5.20	4.93	5.18	95	100	4.9	
Toluene	0.0	5.30	5.11	5.26	96	99	2.9	
Tetrachloroethene (PCE)	0.0	5.20	5.61	5.89	108	113	4.9	
Chlorobenzene	0.0	5.30	4.89	4.62	92	. 87	5.7	
Ethylbenzene	0.0	5.25	4.79	4.86	91	93	1.5	
m & p-Xylene	0.0	10.50	9.66	9.96	92	95	3.1	
o-Xylene	0.0	5.25	4.82	4.82	92	92	0.0	

¹ Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)



² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/27/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity He or N2

ANALYST: DL

UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 092723	Reporting Limit (RL)
4-BFB (surrogate standard)	114%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5
Allyl Chloride	<rl< td=""><td>1.0</td></rl<>	1.0
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>1.0</td></rl<>	1.0
2-Butanone (MEK)	<rl< td=""><td>1.0</td></rl<>	1.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0,5</td></rl<>	0,5
Tetrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0.5</td></rl<>	0.5
Cyclohexane	<rl< td=""><td>0.5</td></rl<>	0.5

Analyte Compounds (Continued)	MB 092723	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>2.0</td></rl<>	2.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>1.0</td></rl<>	1.0
trans-1,3-Dichloropropene	<rl< td=""><td>0,5</td></rl<>	0,5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>2.0</td></rl<>	2.0
Dibromochloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0,5</td></rl<>	0,5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>1.0</td></rl<>	1.0
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 09/27/2023

MATRIX : Air UNITS : PPB (v/v) INSTRUMENT ID: GC/MS-03

ANALYST: DL

 $DILUTION\ FACTOR^1:\ x1$

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 231922-49160

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	11.0	11.4	3.0
Chlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Propene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Dichlorodifluoromethane	0.54	0.53	1.9
Dimethyl Ether	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloromethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Dichlorotetrafluoroethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Vinyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetaldehyde J	4.19	4.25	1.4
Methanol	15.2	15.6	2.3
1,3-Butadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromomethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Chloroethane	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
Dichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethanol	12.0	12.1	0.4
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrolein	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetone	7.24	6.89	5.0
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
2-Propanol (IPA)	2.97	2.98	0,3
Acrylonitrile	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
1,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Methylene Chloride (DCM)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
TertButanol (TBA)	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Allyl Chloride	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Carbon Disulfide	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Trichlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Acetate	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
2-Butanone (MEK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Hexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethyl Acetate	0.83	0.84	1.2
Tetrahydrofuran	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Tetrachloride	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Cyclohexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
India Committee and Committee			

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichloroethene (TCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Heptane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
trans-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Toluene	0.51	0.53	3.8
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrachloroethene (PCE)	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Chlorobenzene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Ethylbenzene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
m & p-Xylene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Bromoform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Styrene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
1,1,2,2-Tetrachloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
o-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Isopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
α-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Ethyltoluene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
1,3,5-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
β-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td><i>N</i>.4</td></srl<></td></srl<>	<srl< td=""><td><i>N</i>.4</td></srl<>	<i>N</i> .4
Sec-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-ButylBenzene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
1,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Naphthalene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexachlorobutadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

J - Estimated value between the detection limit and the minimum reporting limit, shown for duplication purposes only.



² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

131 923

CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Authoratic Arianysis and Consulting - Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Sui	ng · Phone: 805	-650-1642 · I	mail: info@	aaclab.com ·	1534 Eastr	nan Ave Si	te Ą,	Ventura, CA 93003	3003	AAC Project No.:	
Client/Company Name	Project Name	``	5	,		Ana	Analysis Requested	sted		Send Report To (Name/Email/Address)	/Address)
SCS ENGINEERS	CHIQUITA	A (0++)	7							nechaformeceonginoo	*0 00m
PAUL SCHAFER	Project Number 01204123.21	Ţ	,			-1 -			****	Pactitate1@acacii8111cc1a:c0111	13,00111
Turnaround Time	Sampler Name	ō			R	LIS'			aka rigada (A. a I _a gaa _a	Sand Invoice To the	
☐ Rush 24 h ☐ Same Day	Print: A	3	Hurtand	6	.FU	LLI				Servi IIIAOICE (O (Mame/Email/Address)	(/Address)
	LINE LANGUE		- + E	Š	JL	UL					
П	Signature:		A		1 SV	.5 F				PO Number	
Client Sample Name	Samula ID	Sampling	Sampling	Container)7.9	O-:					
Cheff Sample Name	Sample ID	Date	Time	Type/Qty	30	T					
WS-06	49161	9/26	12:12	Tedlar	Χ	\times					
MS-12	49162		10:48		×	X				Santa	
MS-10	49163		11:53		×	ベ					
MS-09	भवा64		11:25		X	₹					
	49165		10:38		×	<i>?</i>					
Chiquito Cyn Kol	49166		10:28		×	X					
MS-II	49167		12:51		×	Χ `				Alemin	
M5-00	89168		01:11		×	×					
M5-07	49/69		10:13		X	×				nes (each	
SCV	49170	€	Op: 11		Х	ኦ					
								,			
Client Notes/Special Instructions:			-				EDD?			11:50-12	
							□No □Yes	É			
Polinguishod B.			,							73450	
Print: Armando, Hurtado		Date 9/26	Received By Print:	1 Zachan	5mita	3,7	Date 9/26/35	/25		SEX X	
Signature: \\ \ //5/A		Time 14:15	Signature:	7	1		Time 1435	75		41.42	
Print:		Date	Received By	,			Date	e e e			
Signature:		Time	Signature:				Time				
					***************************************			ALT: NO.	A STANDARD STANDARD	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	THE PERSON NAMED IN

231923

CHAIN OF CUSTODY AND ANALYSIS REQUEST -- Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

DEC				Cacada is a c	10000	7412141. 001	ilbiere all lei	Cydin licing.		<
Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Su	ig · Phone: 805	-650-1642 · I	Email: info@	aaclab.com ·	1534 Eastm	ian Ave Sui	ite A, Ventura, CA 93003	a, CA 93003	AAC Project No.:	
Client/Company Name	Project Name	>	<u>5</u>			Analy	ysis Requested	ď	Send Report To (Name/Email/Address)	Name/Email/Address)
OCC LINCHINELING	VIIONIU	A	7						nechafer@ecsengineers com	indineers com
PAUL SCHAFER	01204123.21	<u>-</u>	2			Γ,			Pocumer & oco	7118111CC13.CO111
Turnaround Time	Sampler Name	CP			JR	LIS'	,		Send Invoice To /vame/Email/Address	Name/Email/Address
	Print: Ar	Armando	thestodo	8	LFU	LL :				terminal control
☐ Rush 48 h ☐ 5 Days)	,	JU:	FU	4.5			
Rush 72 h	Signature:	Sell South	**		91 S	15 I			PO Number	
		Samoline	Sampling	Containor	7.9	D-1				NONCY.
Cileiri Sampie Name	Sample ID	Date	Time	Type/Qty	30	ТС	,	·		
MS-03	49171	9/26	20	Tellar	X					
Working Face	49172		34:40			ス!				EJUPS
MS-07	49173		08:30		?	×				
MS-0S	49174		08:24		Χ.	×				
Reaction	79175		109:09		×	X				
WS-04	49176	*	08:52	\	×	\times				
			-							
Client Notes/Special Instruction										
cient ractes/ special instructions:							EDD? □Yes			
						- 1	□No			
uished By		Date 9/26	Received By		24.10		Date 0 /7//			
Signature: (Lat Matt		14:15	Print:	Cocoming	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		7777			
Relinquished By Print:			Received By	1			Date			
Signature:		Time	Signature:				Time			

AAC COC Rev 3

Issued 02/04/2021

Page___of__



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita (Off)

PROJECT NUMBER

: 01204123.21 TASK 22

AAC PROJECT NO.

: 231923

REPORT DATE

: 09/28/2023

On September 26th, 2023, Atmospheric Analysis & Consulting, Inc. received sixteen (16) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Client ID	Lab No
MS-06	231923-49161	MS-07	231923-49169
MS-12	231923-49162	SCV	231923-49170
MS-10	231923-49163	MS-03	231923-49171
MS-09	231923-49164	Working Face	231923-49172
S End Lincoln	231923-49165	MS-02	231923-49173
Chiquito Cyn Rd	231923-49166	MS-05	231923-49174
MS-11	231923-49167	Reaction	231923-49175
MS-08	231923-49168	MS-04	231923-49176

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Palmar, Ph.C

Technical Director

This report consists of 9 pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 231923 MATRIX: AIR

UNITS : ppmv

SAMPLING DATE: 09/26/2023

RECEIVING DATE: 09/26/2023 ANALYSIS DATE: 09/26-27/2023

ANALYSIS DATE: 09/26-27/2023 REPORT DATE: 09/28/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-12	MS-10	MS-09	S End Lincoln	Chiquito Cyn Rd
AAC ID	231923-49161	231923-49162	231923-49163	231923-49164	231923-49165	231923-49166
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 231923

MATRIX : AIR UNITS : ppmv **SAMPLING DATE:** 09/26/2023

RECEIVING DATE: 09/26/2023 ANALYSIS DATE: 09/27/2023

REPORT DATE: 09/28/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-11	MS-08	MS-07	SCV	MS-03	Working Face
AAC ID	231923-49167	231923-49168	231923-49169	231923-49170	231923-49171	231923-49172
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
~ Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 231923 MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 09/26/2023

RECEIVING DATE: 09/26/2023 ANALYSIS DATE: 09/27/2023

REPORT DATE: 09/28/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-02	MS-05	Reaction	MS-04
AAC ID	231923-49173	231923-49174	231923-49175	231923-49176
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	· < 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 9/26/2023

Analyst: KM Units: ppbV Instrument ID: SCD#10 Calb. Date: : 07/11/2022

Opening Calibration Verification Standard

499.8 ppbV H2S (SS1289

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1893	514	102.8	2.0
Duplicate	1838	499	99.8	0.9
Triplicate	1835	498	99.6	1.1

547.5 ppbV H2S (SS1289)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2320	538	98.3	1.4
Duplicate	2429	563	102.9	3.2
Triplicate	2310	536	97.8	1.8

479.0 ppbV H2S (SS1 289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2561	484	101.1	1.1
Duplicate	2487	470	98.2	1.9
Triplicate	2554	483	100.8	0.8

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< th=""></pql<>

Duplicate Analysis Sample ID 231187-45761

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0

Matrix Spike & Duplicate Sample ID 231438-46986 x2

A maluta	Sample	Spike	. MS	MSD	MS	MSD	% RPD ***
Analyte	Conc.	Added	Result	Result	% Rec **	% Rec **	70 Ki D
H ₂ S	<pql< td=""><td>249.9</td><td>253.2</td><td>249.8</td><td>101.3</td><td>100.0</td><td>1.3</td></pql<>	249.9	253.2	249.8	101.3	100.0	1.3
MeSH	<pql< td=""><td>273.8</td><td>291.3</td><td>294.1</td><td>106.4</td><td>107.4</td><td>0.9</td></pql<>	273.8	291.3	294.1	106.4	107.4	0.9
DMS	<pql< td=""><td>239.5</td><td>248.3</td><td>244,5</td><td>103.7</td><td>102.1</td><td>1.6</td></pql<>	239.5	248.3	244,5	103.7	102.1	1.6

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	499.8	486.8	97.4
MeSH	547.5	535.5	97.8
DMS	479.0	511.1	106.7

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD froissAS

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbV DMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 9/26/2023 Analyst: CM/KM

Units: ppmV

Instrument ID: SCD-BTU Calb. Date: : 6/13/23

Opening Calibration Verification Standard

0.500 ppbV H2S (SS1289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	856	0.493	98.6	0.9
Duplicate	873 .	0.502	100.5	1.1
Triplicate	861	0.496	99.2	0.3

- 0.548 ppbV H2S (SS1289)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	918	0.558	101.9	1.6
Duplicate	886	0.538	98.4	2.0
Triplicate	907	0.551	100.7	0.4

0.479 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	883	0.487	101.6	1.2
Duplicate	873	0.481	100.5	0.1
Triplicate	861	0.475	99,1	1.3

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< td=""></pql<>

Duplicate Analysis Sample ID 231187-45761

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0

Matrix Spike & Duplicate 231187-45761 x2

Matrix Opine et D							
Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H ₂ S	<pql< td=""><td>0.250</td><td>0.269</td><td>0.257</td><td>107.7</td><td>102.9</td><td>4.6</td></pql<>	0.250	0.269	0.257	107.7	102.9	4.6
MeSH	<pql< td=""><td>0.274</td><td>0.278</td><td>0.276</td><td>101.6</td><td>100.8</td><td>0.7</td></pql<>	0.274	0.278	0.276	101.6	100.8	0.7
DMS	<pql< td=""><td>0.240</td><td>0.263</td><td>0.249</td><td>109.8</td><td>104.0</td><td>5.5</td></pql<>	0.240	0.263	0.249	109.8	104.0	5.5

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.500	0.469	93.8
MeSH	0.548	0.523	95.5
DMS	0.479	0.470	98.1

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD from Mean result.

PQI, 50.0 pphV MDL 1.1 pphV



Quality Control/Quality Assurance Report **SCAQMD 307.91**

Date Analyzed: 9/27/2023

Analyst: CM/KM Units: ppmV

Instrument ID: SCD-BTU Calb. Date: : 6/13/23

Opening Calibration Verification Standard

0.500 ppbV H2S (SS1289).

PD ****	% RPD	% Rec *	Result	Resp. (area)	H ₂ S
0.1	0.1	100.4	0.502	872	Initial
1.4	1.4	99.1	0.495	861	Duplicate
1.5	1.5	101,9	0.509	885	Triplicate

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	885	0.538	98.2	1.2
Duplicate	911	0.553	101.1	1.7
Triplicate	892	0.542	99.0	0.4

0.479 ppbV H2S (SS1 289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	867	0.478	99.7	1.2
Duplicate	852	0.470	98.1	0.5
Triplicate	850	0.469	97.8	0.7

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< th=""></pql<>

	Duplicate Analysis	<u> </u>		Sample ID	231187-45761
	Analyte	Sample	Duplicate	Mean	% RPD ***
1	Amalyte	Result	Result	Mican	70 KFD

Analyte	Result	Result	Mean	% RPD ***
H ₂ S	<pql< th=""><th><pql< th=""><th>0.000</th><th>0.0</th></pql<></th></pql<>	<pql< th=""><th>0.000</th><th>0.0</th></pql<>	0.000	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0

Matrix Spike & Duplicate 231187-45761 x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H ₂ S	<pql< td=""><td>0.250</td><td>0.254</td><td>0.252</td><td>101.7</td><td>100.9</td><td>0.8</td></pql<>	0.250	0.254	0.252	101.7	100.9	0.8
MeSH	<pql< td=""><td>0.274</td><td>0.272</td><td>0.276</td><td>99.4</td><td>100.8</td><td>1.5</td></pql<>	0.274	0.272	0.276	99.4	100.8	1.5
DMS	<pql< td=""><td>0.240</td><td>0.239</td><td>0.251</td><td>99.8</td><td>104.8</td><td>4.9</td></pql<>	0.240	0.239	0.251	99.8	104.8	4.9

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.500	0.514	102.9
MeSH	0.548	0.568	103.7
DMS	0.479	0.513	107.1

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.

PQL = 50.0 ppbV MDL = 1.1 ppbV

231 923

CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

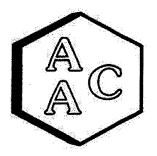
-	
2	

Atmospheric Analysis and Consulting - Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Si	g · Phone: 805	650-1642 · E	mail: info@:	aaclab.com ·	1534 Eastr		lite A. Ventura. CA 93003	ura, CA 9:	3003	AAC Project No.:
Client/Company Name	Project Name)				ysis Requested	sted		Send Report To (Name/Email/Address)
SCS ENGINEERS	CHIQUITA	A (08+)	+							nschafer@scsengineers com
PAUL SCHAFER	01204123.21	TA	2			Т				O
Turnaround Time	Sampler Name	ē			JR	LIS				Send Invoice To (Name/Email/Address)
☐ Rush 24 h ☐ Same Day	Print: Aymounds	mando	Hurtado	ම	JLFU	JLL				
© Rush 72 h □ Normal	Signature:	The Month	A. Carrier and Car		91 SU	15 FV	. ,			PO Number
Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Oty	307.	ТО-				
MS-06	49161	9/26	50	Teallar	Х	X				Lifedby, 1997
MS-12	49162		10:48		×	X				DUPS 1
MS-10	49163		11:53		X	×				
NS-09	49164		11:25		X	X	-			
incoly	49168		10:38		×	X				The state of the s
Chiquito Cyn Kor	49166		10:28		×	X				
MS-11	49167		12:51		×	X.	·			Septiminal Section of the second seco
N/3~ 00	89168		01:13		×	×				The state of the s
M5-07	49/69		10:13		X	×				Total Langue
SCV	49170	*	三治		X	X				- Junear ans
										California Caralla
Client Notes/Special Instructions:		•					EDD?			
			÷				□ Yes			
Print: Arman to Hurtado			Received By Print:	Zachan	J. Smith	7	Date 9/26/24	73.		
Relinquished By		Date	Signature:	Married States of the States o	ip.		Time (14)			
Print:			Print:				Care			
Signature:		Time	Signature:				Time			

AAC COC Rev 3

CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

		-								
Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Sui	g · Phone: 805	-650-1642 · I	Email: info@	aaclab.com ·	1534 Eastm	an Ave Su	te A,	Ventura, CA 93003	AAC Project No.:	Canada de la composição
Client/Company Name	Project Name		آ ا			Analys	sis Requested	4	Send Report To (Name/Email/Address)	me/Email/Address)
SCS ENGINEERS	CHIQUITA	A	14.1						pschafer@scsengineers.com	gineers com
Project Manager Name	Project Number	•	,			-		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Postinist & ocosii	81116610160111
PAUL SCHAFER	01204123.21	21 TASK 22	. 2			Т			-	
Turnaround Time	Sampler Name	Ō			JR	LIS			Send Invoice To (Name/Email/Address)	me/Email/Address)
_	Print: Av	Armando	thertoide	\$	LFU	LL				
⊠ Rush 72 h ☐ S Days	Signature:	S S	A SHIP TO SHIP IN		SU	FU	····		PO Number	
		1 The			7.91)-15				TIME
Client Sample Name	Sample ID	Sampling	Sampling	Container	307	ТО				Patental state
MS-03	ונוסט	20/10	- i	Tellor			-			
Working Line	Z .		2000	1						
	: .	-	2 6	1						H COUNTY
A+7	741 12		01.30	1	×	>				
MS-25	49174 1		12:30		×	×				
Reaction	79175		109:09		*	×	-			
WS-04	79176	*	08:32	\ \	· X	×				
					-					
										odians.
The state of the s										
Client Notes/Special Instructions:				·			EDD?			
	-						□Yes	Noted		
							ONO			
Relinquished By		Date 9/26	Received By	Zacham	20 + Mary	2	Date 9/26/27			
Signature:		Time: /4:/5	Print:	A Commence of the Commence of	-		1 - 1 - 1 - 1			
Relinquished By		Date	Received By	1			Date			
Signature:		Time	Signature:							
			2.0.000	***************************************			Pillit			



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita (OFF)

PROJECT NO.

: 01204123.21 Task 22

AAC PROJECT NO.

: 232013

REPORT DATE

: 10/05/2023

On October 3, 2023, Atmospheric Analysis & Consulting, Inc. received sixteen (16) Tedlar Bags for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Client ID	Lab ID
MS-11	232013-49500	Chiquito Cyn Rd	232013-49508
MS-10	232013-49501	MS-12	232013-49509
S End Lincoln	232013-49502	MS-03	232013-49510
MS-06	232013-49503	MS-05	232013-49511
MS-08	232013-49504	Reaction	232013-49512
MS-07	232013-49505	MS-04	232013-49513
SCV	232013-49506	MS-02	232013-49514
MS-09	232013-49507	Working Face	232013-49515

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. In several samples, multiple analytes was detected over the calibration range, however, a dilution could not analyzed due to lack of sample. These samples were received in Tedlar Bags, which are considered inappropriate containers by EPA Method TO-15. Per NELAC requirements the analytical results should be considered estimated for these samples. No other problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

echnical Director

This report consists of 23 pages.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232013

MATRIX : AIR
UNITS : PPB (v/v)

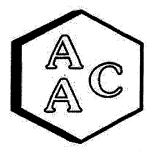
DATE RECEIVED: 10/03/2023

DATE REPORTED: 10/05/2023

ANALYST: DL

Client ID		MS-11		Sample		MS-10		Sample	
AAC ID		232013-495		Reporting		232013-495		Reporting	Method
Date Sampled		10/03/202				10/03/202			Reporting
Date Analyzed		10/04/202	3	Limit		10/04/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	\ \'
Chlorodifluoromethane	<srl< td=""><td>U .</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U .	11	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ü	1	0,50	0.50
Propene	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1,00</td><td>1.00</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td>1.00</td></srl<>	U	1	1,00	1.00
Dichlorodifluoromethane	0.51		1	0.50	0.52		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	9.25		1	5.00	14.0		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ū	1	0.50	0,50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	8.51		1	2.00	11.2		11	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	9.51		1	2.00	12.9		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>11</td><td>1,00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1,00</td></srl<></td></srl<>	U	11	1,00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1,00</td></srl<>	U	1	1.00	1,00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl_< td=""><td>U</td><td>1</td><td>2.00</td><td>2,00</td></srl_<></td></srl<>	U	1	2.00	<srl_< td=""><td>U</td><td>1</td><td>2.00</td><td>2,00</td></srl_<>	U	1	2.00	2,00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1,00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	0.74		1	0.50	0,90		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Û</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Û	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50





Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 10/03/2023

PROJECT NO: 232013 MATRIX: AIR DATE REPORTED: 10/05/2023

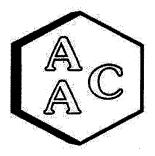
UNITS: PPB (v/v)

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Carbon Tetrachloride	Result	232013-495 10/03/2023 10/04/2023 1,00 Qualifier	3	Sample Reporting Limit (SRL)		232013-495 10/03/2023 10/04/2023	3	Sample Reporting Limit	Method Reporting
Date Analyzed Can Dilution Factor Compound Carbon Tetrachloride	<srl< th=""><th>10/04/2023 1.00</th><th>3</th><th>Limit</th><th></th><th></th><th></th><th></th><th>Reporting</th></srl<>	10/04/2023 1.00	3	Limit					Reporting
Can Dilution Factor Compound Carbon Tetrachloride	<srl< td=""><td>1.00</td><td></td><td></td><td></td><td>10/04/2023</td><td>2 .</td><td></td><td></td></srl<>	1.00				10/04/2023	2 .		
Compound 1	<srl< td=""><td></td><td></td><td>(SRL)</td><td></td><td></td><td><u>, </u></td><td></td><td>Limit</td></srl<>			(SRL)			<u>, </u>		Limit
Carbon Tetrachloride	<srl< td=""><td>Qualifier</td><td>4 1 1 55</td><td></td><td></td><td>1,00</td><td></td><td>(SRL)</td><td>(MRL)</td></srl<>	Qualifier	4 1 1 55			1,00		(SRL)	(MRL)
			Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(111112)
Cyclohexane		Ü	1	0,50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	21.6		1	0.50	20.2		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>- U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>- U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	- U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1,00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1,00</td></srl<>	Ū	1	1.00	1,00
Bromoform	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xvlene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
	<srl< td=""><td>Ű</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ű	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
	<srl< td=""><td>Ū</td><td>ī</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	ī	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
BFB-Surrogate Std. % Recovery		123%		***************************************	7.07	119%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

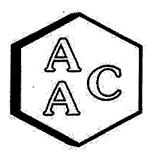
,PROJECT NO: 232013

MATRIX : AIR UNITS : PPB (v/v) DATE RECEIVED: 10/03/2023

DATE REPORTED: 10/05/2023

ANALYST: DL

Act Date Sampled 10/03/2023 Limit 10/04/2023 Limit Limit 10/04/2023 Limit	Client ID		S End Line		Sample		MS-06		Sample	
Date Sampled										Method
Can Dilution Factor Compound Result Qualifier Analysis DF (MRLxDF's) Result Qualifier Analysis DF MRLxDF's) Result Qualifier Analysis DF MRLxDF's Result Qualifier Analysis DF MRLxDF's Result Qualifier Analysis DF MRLxDF's Result Qualifier Result Resu	Date Sampled								, , ,	Reporting
Compound Result Qualifier Analysis DF (MRLxDF's) Result Qualifier Analysis DF (MRLxDF's) Chlorodifluoromethane SRL U	Date Analyzed			3				3		Limit
Compound	Can Dilution Factor		1,00				1.00			(MRL)
Propency SRL U 1 1.00 SRL U 1 1.00 I	Compound	Result	Qualifier	Analysis DF	/			Analysis DF		
Dichlorodifluoromethane	Chlorodifluoromethane			1				1		0.50
Dichlorotherination			Ŭ	1				11		1.00
Dichlorotetrafluoroethane	Dichlorodifluoromethane			1				11		0.50
Simulation	Chloromethane			11				1		0.50
Methanol	Dichlorotetrafluoroethane			1				1		0,50
13-Butadiene	Vinyl Chloride		U	1			U	1		0.50
Section Sect	Methanol			1				1		5.00
Section	1,3-Butadiene		U	1				11		0.50
Dichlorofluoromethane	Bromomethane			1				11		0.50
Section State St	Chloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	Ū	1	0.50			1		0.50
Ethanol	Dichlorofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td></td><td>U</td><td>1</td><td></td><td>0,50</td></srl<>	Ū	1	0.50		U	1		0,50
Number Section Secti		14.8		1	2.00	11.1		1		2.00
Trichlorofluoromethane	Vinyl Bromide	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
Composition	Acetone	8.56		1	2.00	20,2		1		2.00
2-Propanol (IPA) 2.68	Trichlorofluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0,50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0,50</td></srl<>	U	1		0,50
Acrylonitrile		2.68		1	2,00	2.11		1		2.00
1,1-Dichloroethene		<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50
Allyl Chloride		<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.50			1		0.50
Allyl Chloride	Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td></td><td>1</td><td></td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td></td><td>1</td><td></td><td>1.00</td></srl<>		1		1.00
Carbon Disulfide		<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td></td><td>1</td><td></td><td>1,00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td></td><td>1</td><td></td><td>1,00</td></srl<>		1		1,00
Trichlorotrifluoroethane		<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td></td><td>1</td><td></td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td></td><td>1</td><td></td><td>2.00</td></srl<>		1		2.00
trans-1,2-Dichloroethene <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 C 1,1-Dichloroethane <srl< td=""> U 1 0.50 <srl< td=""> U 1 1.00 <srl< td=""> U 1 1.00 <srl< td=""> U 1 1.00 <srl< td=""> U 1 1.00 <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50<td></td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<></td></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<>		<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	Ü	1	0.50			1		0.50
1,1-Dichloroethane			U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE) <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 C Vinyl Acetate <srl< td=""> U 1 1.00 <srl< td=""> U 1 1.00 1 2-Butanone (MEK) <srl< td=""> U 1 1.00 1.23 1 1.00 1 cis-1.2-Dichloroethene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50</srl<></srl<></srl<></srl<></srl<></srl<></srl<>			Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
Vinyl Acetate <srl< th=""> U 1 1.00 <srl< th=""> U 1 1.00 2-Butanone (MEK) <srl< td=""> U 1 1.00 1.23 1 1.00 cis-1.2-Dichloroethene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50</srl<></srl<></srl<></srl<></srl<>		<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50
2-Butanone (MEK)			U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1,2-Dichloroethene			Ü	1	1.00	1.23		1	1.00	1.00
			U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Hexane SRL U 1 0.50 SRL U 1 0.50 C				i		<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Chloroform SRL U 1 0.50 SRL U 1 0.50 C				1 1				1		0.50
Ethyl Acetate 0.82 1 0.50 0.87 1 0.50 0				 				1	0.50	0,50
			U	1 1			U	1	0.50	0.50
1 2-Dichloroethane SRL U 1 0.50 SRL U 1 0.50 C				 				1	0.50	0.50
				 				1		0.50
				1 1				1		0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232013

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/03/2023

DATE REPORTED: 10/05/2023

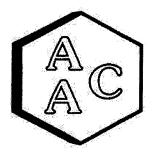
ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		S End Linco		Sample		MS-06 232013-495	03	Sample	Method
AAC ID		232013-495		Reporting		10/03/2023		Reporting	Reporting
Date Sampled		10/03/202		Limit		10/03/202		Limit	
Date Analyzed		10/04/202	3	(SRL)		1.00		(SRL)	Limit
Can Dilution Factor		1.00		4 ° ' F				(MRLxDF's)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	0.50	0.50
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50 0.50</td><td><srl <srl< td=""><td>U U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></srl </td></srl<>	U	1	0.50 0.50	<srl <srl< td=""><td>U U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></srl 	U U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td></td><td><srl< td=""><td>Ü</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1		<srl< td=""><td>Ü</td><td> </td><td>0.50</td><td>0.50</td></srl<>	Ü	 	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>Ŭ</td><td></td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ		0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td></td><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	<u> </u>	0.50		Ü	1	2.00	2.00
1,4-Dioxane	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	2.00	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl <srl< td=""><td> U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></srl </td></srl<>	U	11	0.50	<srl <srl< td=""><td> U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></srl 	 U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td></td><td>0.50</td><td></td><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U		0.50		U	 	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>11</td><td>0,50</td><td><srl< td=""><td>U U</td><td> </td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	0,50	<srl< td=""><td>U U</td><td> </td><td>1.00</td><td>1.00</td></srl<>	U U	 	1.00	1.00
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td></td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td></td><td> </td><td>0.50</td><td>0.50</td></srl<>		 	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>11</td><td>0,50</td><td><srl< td=""><td>U U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0,50	<srl< td=""><td>U U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U U	 	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td><u> </u></td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td><u> </u></td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	<u> </u>	1 1	0.50	0.50
Toluene	12.4		11	0.50	29,5	Ū	1 1	2.00	2.00
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td><srl< td=""><td></td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	2.00	<srl< td=""><td></td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>		1 1	0.50	0.50
Dibromochloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	U	1 1	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1 1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1 1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	 	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td> </td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td> </td><td>1.00</td><td>1.00</td></srl<>	U	 	1.00	1.00
m & p-Xylene	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	 	0.50	0.50
Bromoform	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<>	U		0.50	0.50
Styrene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	 	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td></td><td> </td><td>0.50</td><td>0.50</td></srl<>		 	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	 	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	 	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	 	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	 	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 1</td><td></td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1 1</td><td></td><td>0.50</td></srl<>	U	1 1		0.50
1.4-Dichlorobenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ü</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ü</td><td> </td><td>0.50</td><td>0.50</td></srl<>	Ü	 	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	11	0.50	<srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	 	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	11	0.50	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	U	1 1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td></td><td>0.50</td><td>70-130%</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td></td><td>0.50</td><td>70-130%</td></srl<>	U		0.50	70-130%
BFB-Surrogate Std. % Recovery		118%				120%			1 /0-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232013 MATRIX: AIR

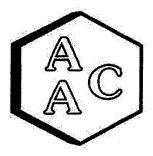
UNITS: PPB (v/v)

DATE RECEIVED: 10/03/2023

DATE REPORTED: 10/05/2023

ANALYST: DL

Client ID		MS-08		Sample		MS-07		Sample	
AAC ID		232013-495				232013-495		Reporting	Method
Date Sampled		10/03/202	3	Reporting		10/03/202			Reporting
Date Analyzed		10/04/202	3	Limit		10/04/202	3	Limit	Limit
Can Dilution Factor		1,00		(SRL)		1.00	,	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	0.60
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50 1.00</td><td>0.50 1.00</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50 1.00</td><td>0.50 1.00</td></srl<>	U	11	0.50 1.00	0.50 1.00
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorodifluoromethane	0.53		11	0.50	0.52		1		0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>ļ<u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>ļ<u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	ļ <u> </u>	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50 0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50 0.50</td><td>0.50</td></srl<>	U	1	0.50 0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td></td><td>5.00</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td><u> </u></td><td></td><td>5.00</td></srl<>	U	<u> </u>		5.00
Methanol	11.3		11	5.00	14.2		ļ	5.00	0.50
1,3-Butadiene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	 	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>ļ</td><td></td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>ļ</td><td></td><td>0.50</td></srl<>	U	ļ		0.50
Chloroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td></srl<>	U	1	0.50	
Dichlorofluoromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	16.0		11	2.00	45.7		11	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Acetone	12.1		11	2.00	11.3	<u> </u>	1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>e. 0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>e. 0,50</td><td>0.50</td></srl<>	U	1	e. 0,50	0.50
2-Propanol (IPA)	2.51		1	2.00	5.15		11	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>, 0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>, 0.50</td><td>0.50</td></srl<>	U	11	, 0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<>	U	11	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td><td>ļ</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00	ļ	11	1.00	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Hexane	<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1 1	0.50	0.50
Ethyl Acetate	0.82	İ	1	0.50	1.45		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1 1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Benzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.78</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.78		1	0.50	0.50



Laboratory Analysis Report

PROJECT NO: 232013

MATRIX : AIR

UNITS: PPB (v/v)

CLIENT: SCS Engineers

DATE RECEIVED: 10/03/2023

DATE REPORTED: 10/05/2023

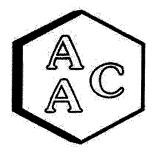
ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-08		Sample		MS-07 232013-495	05	Sample	Method
AAC ID		232013-495		Reporting		10/03/2023		Reporting	Reporting
Date Sampled		10/03/202		Limit		10/03/2023		Limit	
Date Analyzed		10/04/202	3	L		1,00	<u> </u>	(SRL)	Limit
Can Dilution Factor		1.00		(SRL)				(MRLxDF's)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF		0.50
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td><u></u></td><td>0.50 0.50</td><td>0.50 0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td><u></u></td><td>0.50 0.50</td><td>0.50 0.50</td></srl<>	U	<u></u>	0.50 0.50	0.50 0.50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>+</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ü</td><td>+</td><td>0.50</td><td>0.50</td></srl<>	Ü	+	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1 1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1 1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1 1	2.00	2.00
1,4-Dioxane	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td><srl< td=""><td>Ū</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	2.00	<srl< td=""><td>Ū</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	Ū	<u> </u>	0.50	0.50
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>		1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td> </td><td>0.50</td><td>0.50</td></srl<>	Ü	 	0.50	0.50
cis-1.3-Dichloropropene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>U</td><td><u> </u></td><td></td><td>0.50</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>U</td><td><u> </u></td><td></td><td>0.50</td></srl<>	U	<u> </u>		0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<>	U		0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td><u>-</u></td><td></td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td><u>-</u></td><td></td><td>0.50</td></srl<>	U	<u>-</u>		0.50
Toluene	15.7		11	0.50	16.4		1	0.50 2.00	2.00
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ü</td><td></td><td>0.50</td><td>0.50</td></srl<>	Ü		0.50	0.50
Dibromochloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>ļ</td><td></td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>ļ</td><td></td><td>0.50</td></srl<>	U	ļ		0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>ļļ</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>ļļ</td><td>0.50</td><td>0.50</td></srl<>	U	ļļ	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	 	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>├</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>├</td><td>1.00</td><td>1.00</td></srl<>	U	├	1.00	1.00
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td><srl< td=""><td>Ü</td><td>1 1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	1,00	<srl< td=""><td>Ü</td><td>1 1</td><td></td><td>0.50</td></srl<>	Ü	1 1		0.50
Bromoform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	 	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td></td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td><u> </u></td><td></td><td>0.50</td></srl<>	U	<u> </u>		0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>ļ</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ŭ</td><td>ļ</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	ļ	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>ļ<u>ļ</u></td><td></td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>ļ<u>ļ</u></td><td></td><td>0.50</td></srl<>	U	ļ <u>ļ</u>		0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	 	0.50	0.50
1.3:5-Trimethylbenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	 	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td> </td><td></td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td> </td><td></td><td>0.50</td></srl<>	U	 		0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	 	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td> </td><td>0.50</td><td></td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td> </td><td>0.50</td><td></td></srl<>	U	 	0.50	
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50 0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50 0.50</td></srl<>	U	1 1	0.50	0.50 0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td></td></srl<></td></srl<>	Ü	1	0,50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td></td></srl<>	U	<u> </u>	0.50	
1.2.4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	 	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td></td><td>0,50</td><td>0,50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td></td><td>0,50</td><td>0,50</td></srl<>	U		0,50	0,50
BFB-Surrogate Std. % Recovery		119%				123%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

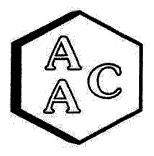
PROJECT NO: 232013

DATE REPORTED: 10/05/2023 ANALYST: DL

DATE RECEIVED: 10/03/2023

MATRIX : AIR
UNITS : PPB (v/v)

Client ID		SCV		Sample		MS-09		Sample	
AAC ID	<u> </u>	232013-495				232013-495			Method
Date Sampled		10/03/202		Reporting		10/03/202		Reporting	Reporting
Date Analyzed		10/04/202	3	Limit		10/04/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
. Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MKL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Dichlorodifluoromethane	0.51		1	0.50	0.52		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	11.1		1	5.00	13.5		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ù</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ù</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ù	1	0.50	0,50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethanol	16.3		1	2.00	14.5		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	10.4		1	2.00	14.6		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
2-Propanol (IPA)	2.36		1	2.00	3.61		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U.</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U.	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ŭ	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	i	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ù</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ù</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ù	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroform	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i i	0.50	0.50
Ethyl Acetate	0.90		1	0.50	0.81		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i	0.50	0.50
Benzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232013 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 10/03/2023 DATE REPORTED: 10/05/2023

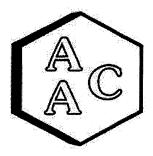
ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		SCV		Sample		MS-09		Sample	36.413
AAC ID		232013-495	06			232013-495		Reporting	Method
Date Sampled		10/03/202	3	Reporting		10/03/202		Limit	Reporting
Date Analyzed		10/04/202	3	Limit		10/04/202	3		Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	0.50
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>11</td><td>0.50 0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>11</td><td>0.50 0.50</td><td>0.50</td></srl<>	Ŭ	11	0.50 0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>2.00</td><td>2.00</td></srl<>	U	<u> </u>	2.00	2.00
1.4-Dioxane	<srl< td=""><td>Ŭ _</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ _	1	2.00	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
Trichloroethene (TCE)	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td><u> </u></td><td></td><td>0.50</td></srl<></td></srl<>	Ü	1	0,50	<srl< td=""><td>U</td><td><u> </u></td><td></td><td>0.50</td></srl<>	U	<u> </u>		0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
cis-1.3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>1.00</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>1.00</td></srl<>	U	<u> </u>	0.50	1.00
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>0.50</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>0.50</td></srl<>	U	11	1.00	0.50
trans-1.3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Toluene Toluene	16.4		1	0.50	14.5		11	0.50	
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<>	U	11	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50 0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50 0.50</td></srl<>	U	11	0.50	0.50 0.50
1.2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td></td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td></td></srl<>	U	11	0.50	
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50 1.00</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50 1.00</td></srl<>	U	11	0.50	0.50 1.00
m & p-Xylene	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td></td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td></td></srl<>	U	1	1.00	
Bromoform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Styrene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50 0,50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50 0,50</td></srl<>	U	11	0.50	0,50 0,50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
o-Xylene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td></td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td></td></srl<>	U	11	0.50	
1,3,5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>T U</td><td>ī</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	T U	ī	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.4-Dichlorobenzene	SRL	Ü	i i	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1 1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
	SRL	Ü	 	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>II.</td><td>1 i</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	II.	1 i	0.50	<srl< td=""><td>U</td><td>11</td><td>0,50</td><td>0.50</td></srl<>	U	11	0,50	0.50
Hexachlorobutadiene BFB-Surrogate Std. % Recovery		119%	 			118%			70-130%
IIBPB-Suffogate Std. 70 Kecovery		11770							

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232013 MATRIX: AIR

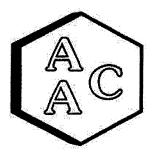
UNITS: PPB (v/v)

DATE RECEIVED: 10/03/2023

DATE REPORTED: 10/05/2023

ANALYST: DL

	Client ID AAC ID Date Sampled Date Analyzed Can Dilution Factor		Chiquito Cyr 232013-495 10/03/202 10/04/202 1,00	508 3	Sample Reporting Limit (SRL)		MS-12 232013-495 10/03/202 10/04/202 1.00	3	Sample Reporting Limit (SRL)	Method Reporting Limit
	Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
	Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
	Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
	Dichlorodifluoromethane	0.53		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	Methanol	13.9		1	5.00	10.9		1	5.00	5.00
	1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
	Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
	Ethanol	19.2		1	2.00	17.2		1	2.00	2.00
	Vinyl Bromide	<srl< td=""><td>U</td><td></td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U		0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
	Acetone	11.8		1	2.00	12.7		1	2.00	2.00
	Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	2-Propanol (IPA)	3.64		1	2.00	3.19		11	2.00	2.00
	Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
	Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Section February and Applied	Carbon Disulfide	<srl< td=""><td>U</td><td> 1</td><td>2.00</td><td><srl< td=""><td>U</td><td>. 1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>. 1</td><td>2.00</td><td>2.00</td></srl<>	U	. 1	2.00	2.00
The state of the s	Trichlorotrifluoroethane	<srl< td=""><td>Electricists Was release</td><td>Contraction of the statement</td><td>0.50</td><td><srl< td=""><td>The second</td><td>Handaris de la companion de la</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Electricists Was release	Contraction of the statement	0.50	<srl< td=""><td>The second</td><td>Handaris de la companion de la</td><td>0.50</td><td>0.50</td></srl<>	The second	Handaris de la companion de la	0.50	0.50
	trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U '</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U '</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U '	1	0.50	0.50
	Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
	2-Butanone (MEK)	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
	cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	Ethyl Acetate	0.92		1	0.50	0.91		1	0.50	0.50
	Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
	1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	Benzene	0.52		1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50



Laboratory Analysis Report

DATE RECEIVED: 10/03/2023

DATE REPORTED: 10/05/2023

ANALYST: DL

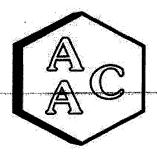
CLIENT: SCS Engineers
PROJECT NO: 232013
MATRIX: AIR
UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

		Chiquito Cyr	Dd			MS-12		Sample	Method
Client ID	ļ <u>'</u>	232013-495		Sample		232013-495	09	Reporting	
AAC ID		10/03/202		Reporting		10/03/2023	3	Limit	Reporting
Date Sampled				Limit		10/04/2023	3		Limit
Date Analyzed	<u> </u>	10/04/202	3	(SRL)		1.00		(SRL)	(MRL)
Can Dilution Factor		1.00		(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	()
Compound	Result	Qualifier	Analysis DF			U	1	0.50	0.50
Carbon Tetrachloride	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl <srl< td=""><td>Ü</td><td> </td><td>0.50</td><td>0.50</td></srl<></srl </td></srl<>	U	11	0.50	<srl <srl< td=""><td>Ü</td><td> </td><td>0.50</td><td>0.50</td></srl<></srl 	Ü	 	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td><td><u> </u></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50	<u> </u>	1	0.50	0.50
1.2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	0.50		Ü	1	2.00	2.00
	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td><srl< td=""><td>l ü</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	2.00	<srl< td=""><td>l ü</td><td> </td><td>0.50</td><td>0.50</td></srl<>	l ü	 	0.50	0.50
1,4-Dioxane Trichloroethene (TCE)	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td><srl< td=""><td> U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0,50	<srl< td=""><td> U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	 U	 	0.50	0.50
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>1 0</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>1 0</td><td> </td><td>0.50</td><td>0.50</td></srl<>	1 0	 	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td> </td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td></td><td> </td><td>1.00</td><td>1.00</td></srl<>		 	1.00	1.00
cis-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>Ü</td><td> </td><td>0.50</td><td>0.50</td></srl<>	Ü	 	0.50	0.50
4-Methyl-2-pentanone (MiBK)	SRL	Ū	1	0.50	<srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	 	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	 	0.50	0.50
1,1,2-Trichloroethane	14.9	 	1	0.50	13.7		 	2.00	2.00
Toluene	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	 	0.50	0.50
2-Hexanone (MBK)	SRL SRL	 ŭ	1	0,50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
Dibromochloromethane	SRL SRL	l ŭ	 	0.50	<srl< td=""><td>U</td><td> !</td><td>0.50</td><td>0.50</td></srl<>	U	 !	0.50	0.50
1,2-Dibromoethane	SRL SRL	 ŭ	1	0.50	<srl< td=""><td>U</td><td>1-1-</td><td></td><td>0.50</td></srl<>	U	1-1-		0.50
Tetrachloroethene (PCE)		Ü	1 1	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0,50</td><td>0.50</td></srl<>	U	<u> </u>	0,50	0.50
Chlorobenzene	<srl< td=""><td> ប៉</td><td> </td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>1.00</td></srl<></td></srl<>	 ប៉	 	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>1.00</td></srl<>	U	11	0.50	1.00
Ethylbenzene	<srl< td=""><td>Ü</td><td> </td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>0.50</td></srl<></td></srl<>	Ü	 	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>0.50</td></srl<>	U	11	1.00	0.50
m & p-Xylene	<srl< td=""><td>T U</td><td></td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	T U		0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromoform	<srl< td=""><td>1 0</td><td></td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	1 0		0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Styrene	<srl< td=""><td> U-</td><td></td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td></td></srl<></td></srl<>	 U -		0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td></td></srl<>	U	11	0.50	
1.1.2,2-Tetrachloroethane	<srl< td=""><td></td><td></td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>			0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td></td><td>0.50</td><td><srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U		0.50	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	U	1 1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td> </td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	 	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td> </td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	 	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td> </td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	 	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0,50</td><td>0.50</td></srl<>	Ü	i	0,50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td></td><td>0.50</td><td>SRL</td><td>Ü</td><td>111</td><td>0.50</td><td>0.50</td></srl<>	Ü		0.50	SRL	Ü	111	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>U</td><td>_ </td><td>0.50</td><td>SRL</td><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	_ 	0.50	SRL	Ü	1	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>U</td><td>_ </td><td>0.50</td><td>SRL</td><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	_ 	0.50	SRL	Ü	1	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>U</td><td></td><td>0.50</td><td>SRL</td><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	U		0.50	SRL	Ü	1 1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>U</td><td></td><td></td><td><srl< td=""><td>TI TI</td><td> </td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U			<srl< td=""><td>TI TI</td><td> </td><td>0,50</td><td>0.50</td></srl<>	TI TI	 	0,50	0.50
Hexachlorobutadiene	<\$RL	U		0,50	SORE	123%			70-130%
BER-Surrogate Std. % Recovery		119%				142/9			

BFB-Surrogate Std. % Recovery
U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232013

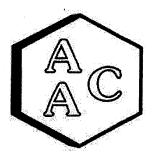
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/03/2023

DATE REPORTED: 10/05/2023

ANALYST: DL

		MS-03		Sample -		MS-05		Sample	
AAC ID		232013-495		Reporting		232013-495		Reporting	Method
Date Sampled		10/03/2023				10/03/202			Reporting
Date Analyzed		10/04/2023	3	Limit		10/04/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1,00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	` '
Chlorodifluoromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Propene	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Dichlorodifluoromethane	0.51		1	0.50	0.51	1	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<>	U		0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<>	U	11	0.50	0,50
Methanol	12.0		1	5,00	18.1		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	11.2		1	2.00	25.6	7	1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	11.3		1	2.00	29.4		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>4.14</td><td></td><td>11</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	4.14		11	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ŭ	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Ethyl Acetate	0.77		1	0.50	<srl< td=""><td>U</td><td>11</td><td>0,50</td><td>0.50</td></srl<>	U	11	0,50	0.50
Tetrahydrofuran	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>Same A section</td><td>and the property of</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Same A section	and the property of	0.50	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	U	1 1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ŭ</td><td>Ī</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	Ī	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzene	SRL	ŭ	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ū	1	0.50	0,50



Laboratory Analysis Report

CLIENT: SCS Engineers PROJECT NO: 232013

MATRIX : AIR UNITS: PPB (v/v) DATE REPORTED: 10/05/2023 ANALYST: DL

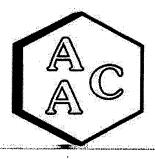
DATE RECEIVED: 10/03/2023

Client ID AAC ID Date Sampled Date Analyzed	MS-03 232013-49510 10/03/2023 10/04/2023 1.00			Sample Reporting Limit	MS-05 232013-49511 10/03/2023 10/04/2023		3	Sample Reporting Limit	Method Reporting Limit
Can Dilution Factor				(SRL)		1.00	· · · · · · · · · · · · · · · · · · ·	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Toluene	18.1		1	0.50	46.5		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.58</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.58		1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td><td></td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00		1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	i	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	Ü	ī	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	Ŭ	<u> </u>	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ū</td><td>i i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ū</td><td>i</td><td>0,50</td><td><srl< td=""><td>- ŭ</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0,50	<srl< td=""><td>- ŭ</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	- ŭ	1 1	0.50	0.50
BFB-Surrogate Std. % Recovery		122%		<u> </u>		127%		0.50	70-130%



U - Compound was not detected at or above the SRL.

E- Compound detected above the Reporting Limit. Insufficient volume in Tedlar Bag for dilution, result should be considered estimated.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232013

MATRIX: AIR

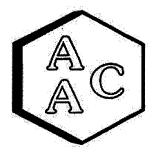
UNITS: PPB (v/v)

DATE RECEIVED: 10/03/2023

DATE REPORTED: 10/05/2023

ANALYST: DL

Client ID		Reaction		G		MS-04			
AAC ID		232013-495	12	Sample		232013-495	513	Sample	Method
Date Sampled		10/03/202	3	Reporting		10/03/202	3	Reporting	Reporting
Date Analyzed		10/04/202	3	Limit		10/04/202	3	Limit	Limit
Can Dilution Factor		1.00		SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MKL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Propene	40.1		1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	0.54		1	0.50	0.52		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	169		1	5.00	24.4		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Ethanol	143	E	1	2.00	24.4		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	i	0.50	0.50
Acetone	120	\mathbf{E}^{-1}	1	2.00	31.2		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	70,5		1	2.00	4.15	-	1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>Ŭ</td><td>i</td><td>1.00</td><td>1.00</td></srl<>	Ŭ	i	1.00	1.00
2-Butanone (MEK)	76.5		1	1.00	<srl< td=""><td>Ū</td><td>Î</td><td>1.00</td><td>1.00</td></srl<>	Ū	Î	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Hexane	<srl< td=""><td>Ú</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ú	1	0.50	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	î	0.50	0.50
Chloroform	<srl< td=""><td>Ū</td><td>ī</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	ī	0.50	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i	0.50	0.50
Ethyl Acetate	4.24		1	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
Tetrahydrofuran	116	E	1	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
Benzene	82.6		i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232013

UNITS: PPB (v/v)

MATRIX : AIR

DATE RECEIVED: 10/03/2023

DATE REPORTED: 10/05/2023

ANALYST: DL

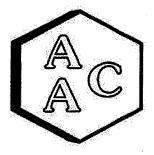
VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		Reaction		Sample		MS-04	43	Sample	Method
AAC ID		232013-495		Reporting		232013-495		Reporting	
Date Sampled		10/03/202		Limit		10/03/202 10/04/202		Limit	Reporting
Date Analyzed		10/04/202	3			1.00	3	(SRL)	Limit
· Can Dilution Factor		1.00		(SRL)		· · · · · · · · · · · · · · · · · · ·	r		(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50 0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50 0.50</td></srl<>	U	1	0.50	0.50 0.50
Cyclohexane	0.93		11	0,50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50 0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50 0.50	0.50
1,2-Dichloropropane	0.55		11	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>2.00</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>2.00</td></srl<>	U	<u> </u>	0.50	2.00
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td></td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td></td></srl<>	U	1	2.00	
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	1.69		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	5.16		1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
trans-1.3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Toluene	52.3		1	0.50	45.3		11	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2,00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2,00</td></srl<>	U	11	2.00	2,00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	4.15		1	0.50	0.52		1	0.50	0.50
m & p-Xylene	4.38		1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ü	11	0.50	0.50
o-Xvlene	1.64		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	0.57		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>l i</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	l i	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1 1	0.50	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1 1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>ij</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	ij	1 1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ü	1	0,50	0.50
BFB-Surrogate Std. % Recovery		120%	 	<u>X.2Y</u>		123%	<u> </u>		70-130%
BFB-Surrogate Std. 76 Recovery	L. CDI	14070	<u> </u>			1 144 / 1			

U - Compound was not detected at or above the SRL.



E-Compound detected above the Reporting Limit. Insufficient volume in Tedlar Bag for dilution, result should be considered estimated.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232013 MATRIX: AIR

UNITS: PPB (v/v)

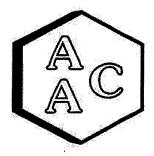
DATE RECEIVED: 10/03/2023

DATE REPORTED: 10/05/2023

ANALYST: DL

Client ID	1	MS-02		Sample		Working Fa		Sample	
AAC ID		232013-495				232013-495		Reporting	Method
Date Sampled	T	10/03/202		Reporting		10/03/202			Reporting
Date Analyzed		10/04/202	3	Limit		10/04/202	3	Limit	Limit
Can Dilution Factor		1,00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td></td><td>0.50</td><td>0.50 1.00</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td></td><td>0.50</td><td>0.50 1.00</td></srl<>	Ü		0.50	0.50 1.00
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td><u> </u></td><td>1.00</td><td></td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td><u> </u></td><td>1.00</td><td></td></srl<>	U	<u> </u>	1.00	
Dichlorodifluoromethane	0.54		1	0.50	0.54	<u> </u>	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Methanol	15.6		11	5.00	22,2	ļ <u></u>	1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Ethanol	32.5		1	2.00	226	E	11	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Acetone	11,6		1	2.00	19.3		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.69</td><td></td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.69		11	0.50	0.50
2-Propanol (IPA)	5,85		11	2.00	18.8		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2,00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2,00</td></srl<>	U	11	2.00	2,00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Vinvl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
2-Butanone (MEK)	1.51		1	1.00	2.28		11	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	U	1 1	0.50	0.50
Hexane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Ethyl Acetate	1,18		11	0.50	4.69		1	0,50	0.50
Tetrahydrofuran	1.62		1	0.50	0.70		1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	1.23		1	0.50	0.61		1	0.50	0.50





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232013

MATRIX: AIR UNITS: PPB (v/v) DATE RECEIVED: 10/03/2023

DATE REPORTED: 10/05/2023

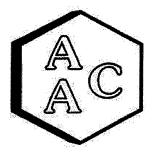
ANALYST: DL

Client ID		MS-02		Sample		Working Fa		Sample	
AAC ID		232013-495		Reporting		232013-495		Reporting	Method
Date Sampled		10/03/202				10/03/202		Limit	Reporting
Date Analyzed		10/04/202	3	Limit		10/04/202	3		Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>Ų</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ų	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<>	U	11	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Heptane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
cis-1.3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ù</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ù	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<>	U	11	0.50	0,50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Toluene	15.0		1	0.50	16.3		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xviene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ū</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	11	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
BFB-Surrogate Std. % Recovery		123%				122%			70-130%



U - Compound was not detected at or above the SRL.

E- Compound detected above the Reporting Limit. Insufficient volume in Tedlar Bag for dilution, result should be considered estimated.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/04/2023

MATRIX: High Purity N2

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-03

CALIBRATION STD ID: MS1-051623-01

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 07/17/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery 3
4-BERr(surrogate standard)		11.40	121
Chlorodifluoromethane	5.20	4.56	88
Propene	5.30	3.81	72
Dichlorodifluoromethane	5.20	5.09	98
Dimethyl Ether	5.10	3,59	70
Chloromethane	5.20	4.04	78
Dichlorotetrafluoroethane	5,15	4.88	95
Vinyl Chloride	5.25	4.64	88
Acetaldehyde	10.55	7.73	73
Methanol	9.40	7.02	75
1,3-Butadiene	5.30	4.01	76
Bromomethane	5.20	5.69	109
Chloroethane	5.15	3.80	74
Dichlorofluoromethane	5.10	4.66	91
Ethanol	5.60	4.37	78
Vinyl Bromide	5.05	4.59	91
Acrolein	5.55	4.23	76
Acetone	5.30	3,88	73
Trichlorofluoromethane	5.25	5.54	106
2-Propanol (IPA)	5.50	4,39	80
Acrylonitrile	5.60	4.09	73
1,1-Dichloroethene	5.20	4.64	89
Methylene Chloride (DCM)	5.25	4.37	83
TertButanol (TBA)	5.55	5.21	94
Allyl Chloride	5.10	4.26	84
Carbon Disulfide	5.25	4.50	86
Trichlorotrifluoroethane	5.20	4.97	96
trans-1,2-Dichloroethene	5.30	4.75	90
1,1-Dichloroethane	5.25	4.49	86
Methyl Tert Butyl Ether (MTBE)	5.25	4.34	83
Vinyl Acetate	5.50	4.47	81
2-Butanone (MEK)	5.30	4.39	83
cis-1,2-Dichloroethene	5.25	4.61	88
Hexane	5.35	4.46	83
Chloroform	5.30	4.89	92
Ethyl Acetate	5,30	4.05	76
Tetrahydrofuran	5.10	3.89	76
1,2-Dichloroethane	5.25	4.92	94
1,1,1-Trichloroethane	5.20	5.18	100
Benzene	5.30	4.80	91
Carbon Tetrachloride	5,10	6.48	127
Cyclohexane	5.25	4.87	93

Analyte Compounds (Continued)	Source 1	CCV ²	% Recovery 3
1,2-Diehloropropane	5·25		
Bromodichloromethane	5.20	5.36	103
1,4-Dioxane	5.20	6.35	122
Trichloroethene (TCE)	5.20	5,23	101
2,2,4-Trimethylpentane	5.00	4.31	86
Methyl Methacrylate	5.50	5.03	91
Heptane	5.25	5.04	96
cis-1,3-Dichloropropene	5.20	4.82	93
4-Methyl-2-pentanone (MiBK)	5.20	5.78	111
trans-1,3-Dichloropropene	5.25	4.92	94
1,1,2-Trichloroethane	5.25	5.40	103
Toluene	5.30	5.21	98
2-Hexanone (MBK)	5.25	5.68	108
Dibromochloromethane	5.15	5.68	110
1,2-Dibromoethane	5.30	5.38	102
Tetrachloroethene (PCE)	5.20	5.72	110
Chlorobenzene	5.30	4.95	93
Ethylbenzene	5.25	4.88	93
m & p-Xylene	10.50	9,81	93
Bromoform	5.25	5.74	109
Styrene	5.25	5.00	95
1,1,2,2-Tetrachloroethane	5,25	5.03	96
o-Xylene	5.25	4.93	、 94
1,2,3-Trichloropropane	5.50	5.81	106
Isopropylbenzene (Cumene)	5,15	5.02	97
α-Pinene	5.35	5.14	96
2-Chlorotoluene	5.15	4.92	96
n-Propylbenzene	5.05	4.81	95
4-Ethyltoluene	5.15	5.17	100
1,3,5-Trimethylbenzene	5.15	5.00	97
β-Pinene	5.50	5.61	102
1,2,4-Trimethylbenzene	5.15	4.98	97
Benzyl Chloride (a-Chlorotoluene)	5.20	4.41	85
1,3-Dichlorobenzene	5.20	5.15	99
1,4-Dichlorobenzene	5.15	5.05	98
Sec-ButylBenzene	5.05	4.87	96
1,2-Dichlorobenzene	5,30	5.43	102
n-ButylBenzene	5.10	5.10	100
1,2-Dibromo-3-Chloropropane	5.05	4.85	96
1,2,4-Trichlorobenzene	5.50	5,81	106
Naphthalene	5.75	5.97	104
Hexachlorobutadiene	5.50	5,90	107



¹Concentration of analyte compound in certified source standard.

² Measured result from daily Continuing Calibration Verification (CCV).

 $^{^3}$ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/04/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity N2

CALIBRATION STD ID: MS1-051623-01

UNITS: PPB (v/v)

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

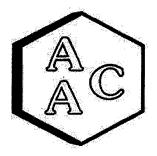
	Sample	Spike	LCS ¹	LCSD ¹	LCS ¹	LCSD 1	RPD³
System Monitoring Compounds	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	KPD
4-BFB (surrogate standard)	0.0	9.40	11.40	11.38	121	121	0.2
1,1-Dichloroethene	0.0	5.20	4.64	4.39	89	84	5.5
Methylene Chloride (DCM)	0.0	5.25	4.37	4.45	83	85	1.8
Benzene	0.0	5.30	4.80	4.78	91	90	0.4
Trichloroethene (TCE)	0.0	5.20	5.23	5.06	101	97	3.3
Toluene	0.0	5.30	5.21	5.00	98	94	4.1
Tetrachloroethene (PCE)	0.0	5.20	5.72	5.56	110	107	2.8
Chlorobenzene	0.0	5.30	4.95	4.84	93	91	2.2
Ethylbenzene	0.0	5.25	4.88	4.73	93	90	3.1
m & p-Xylene	0.0	10.50	9.81	9.79	93	93	0.2
o-Xylene	0.0	5.25	4.93	4.82	94	92	2.3

¹ Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)



² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/04/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity He or N2

ANALYST: DL

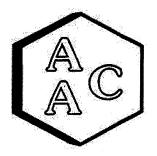
UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 100423	Reporting Limit (RL)
4-BFB (surrogate standard)	119%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5
Allyl Chloride	<rl< td=""><td>1.0</td></rl<>	1.0
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>1.0</td></rl<>	1.0
2-Butanone (MEK)	<rl< td=""><td>1.0</td></rl<>	1.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0.5</td></rl<>	0.5
Cyclohexane	<rl< td=""><td>0.5</td></rl<>	0.5

Analyte Compounds (Continued)	MB 100423	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>2.0</td></rl<>	2.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>1.0</td></rl<>	1.0
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>2.0</td></rl<>	2.0
Dibromochloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene	<rl< td=""><td>0,5</td></rl<>	0,5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>1.0</td></rl<>	1.0
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/04/2023

MATRIX: Air

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-03

ANALYST: DL

DILUTION FACTOR¹: x1

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 231922-49160

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	11.6	11.6	0.0
Chlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Propene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Dichlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dimethyl Ether	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloròmethane	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Dichlorotetrafluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetaldehyde	5.00	5,19	3.7
Methanol	9.58	9.61	0.3
1,3-Butadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromomethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorofluoromethane	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Ethanól	11.0	11.9	7.5
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrolein	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Acetone	6,41	6.90	7.4
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Propanol (IPA)	2.93	2.93	0.0
Acrylonitrile	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methylene Chloride (DCM)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
TertButanol (TBA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Allyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Disulfide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,1-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Butanone (MEK)	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
cis-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Chloroform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethyl Acetate	1.20	1.21	0.8
Tetrahydrofuran	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,2-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,1,1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Carbon Tetrachloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Cyclohexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Trichloroethene (TCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Heptane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td><srl< td=""><td><i>N</i>.4</td></srl<></td></srl<>	<srl< td=""><td><i>N</i>.4</td></srl<>	<i>N</i> .4
trans-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Toluene	0.62	0.66	6.3
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrachloroethene (PCE)	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Chlorobenzene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Ethylbenzene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
m & p-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromoform	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Styrene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,1,2,2-Tetrachloroethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
o-Xylene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
1,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Isopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
α-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
4-Ethyltoluene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
1,3,5-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
β-Pinene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
1,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
1,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Sec-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
n-ButylBenzene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
1,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
1,2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Naphthalene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Hexachlorobutadiene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A

¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

SRL - Sample Reporting Limit (minimum)



² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

232013

CHAIN OF CUSTODY AND ANALYSIS REQUEST -- Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

(3	A	1
. \	 /	

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave S	ng · Phone: 805-	650-1642 ·	Email: info@	aaclab.com ·	1534 East	man Ave S	uite A, Ventura, CA 93003	CA 93003	AAC Project No.:	
Client/Company Name	Project Name	. /, 0				Ana	lysis Requested		Send Report To (Name/Email/Address)	s)
Project Manager Name	Project Number	מי <i>רטיזי</i> ן	ز						pschafer@scsengineers.com	m
PAUL SCHAFER	01204123.21 TASK 22	21 TASK 2	2			Т			RHUTF@scsengineers.com	S.Com
Turnaround Time	Sampler Name	Ε			JR	LIS		······································	Send Invoice To (Name/Email/Address)	<u>s</u>
☐ Rush 24 h ☐ Same Day	Print: Avmondo	rondo	Hortado	6	JLFU	JLL		***************************************		1
☑ Rush 72 h ☐ Normal	Signature:		*		1 SU	5 FU			PO Number	
Client Cample Name		Sampling	Sampling	Container	7.9	O-1				
clicit adiipie Name	Sample ID	Date	Time	Type/Qty	30	TO	-			
105-11	49500	10/3		tedlar 1	×	×				
1	4950		1142	7	>	×				
S End Lincoln	49502		1020		>	×				
MS-06	49703		1228		×	×				
MS-08	49504		1039	7	×	×				
75-07	49505		0400		X	×				
DCV	49506		1104	1	X	×				
	495.07		1801	1	×	X				
Chiquito Cyn Rd	80.564		loi2	\ \	X	×				
115:12	haraq	*	1028	1	×	×				
,				\setminus						
Client Notes (Special Instruction										
circus ractes/ special instructions:							EDD?			
-							□N ₀			
Relinquished By		Date								
Print: Armando Hurtado		50/3/23		Print:	ろかられ	,	Date for 45 %			
Relinquished By		Date	Received By	1		-	Time 192 <			i i i i i i i i i i i i i i i i i i i
Signature:		Time	Signature:						新 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
									公司 10 mm 10	**************************************

AAC COC Rev 3

232013

CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suit	ng · Phone: 805	-650-1642 ·	Email: info@	aaclab.com ·	1534 Eastn	nan Ave Su		e A, Ventura, CA 93003	AAC Project No.:	-
Client/Company Name	Project Name					Anal		ď	Send Report To (Name/Email/Address)	iress)
Project Manager Name	Project Number	CHIQUITA (01)							pschafer@scsengineers.com	com
PAUL SCHAFER	01204123.	01204123.21 TASK 22	22			Γ		,	RHuff@scseighneers, co	eers, coi
Turnaround Time	Sampler Name	e			JR	LIS	,	-	Sand Invoice To (Name /Small/h	
П	Print: Ar is	3	11/4/0	0	LFU	LL :		······································	Amount of the title of the titl	uics)
☐ Rush 48 h ☐ 5 Days	- Trans		TOTO	2	UI	UI				
П	Signature:	The State of the S	AT .		1 S	5 F	-		PO Number	
		Samolina	Sampling	Containor	7.9	D-1	,		A LINE AND LINE ONLY	
Client Sample Name	Sample ID	Date	Time	Type/Qty	30	TC	-			
MS-03	49510	[0/3 	0	tedlar,	> -	x				
MS-05	49511		242	7	×	×			A COUNTY OF THE PROPERTY OF TH	
Reaction	なるどって		18480		*	X				
WS-04	49513		0822		×	x	,			
MS-02	49517		0907		ኣ	×				
Working Face	79515	4	0928	4	ጽ	×				
									a a mina (c	
									Total (and	
				\setminus						
					-					
cheff ractes/special instructions:							EDD? □Yes			
							□No			
Relinquished By Print: A vac a la larta da		Date	Received By Zachar	Zachan	Sm. tr		Date ///a/7			
TO V		Time /4/5	Signature:		þ		122			
Relinquished By Print:		Date	Received By	4			Date		er også Melest	
Signature:		Time	Signature:				Time			
								The state of the s	THE REAL PROPERTY AND ADDRESS OF THE PARTY AND	TA PROPERTY.



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita (Off)

PROJECT NUMBER

: 01204123.21 TASK 22

AAC PROJECT NO.

: 232013

REPORT DATE

: 10/05/2023

On October 3rd 2023, Atmospheric Analysis & Consulting, Inc. received sixteen (16) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Client ID	Lab No
MS-11	232013-49500	Chiquito Cyn Rd	232013-49508
MS-10	232013-49501	MS-12	232013-49509
S End Lincoln	232013-49502	MS-03	232013-49510
MS-06	232013-49503	MS-05	232013-49511
MS-08	232013-49504	Reaction	232013-49512
MS-07	232013-49505	MS-04	232013-49513
SCV	232013-49506	MS-02	232013-49514
MS-09	232013-49507	Working Face	232013-49515

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Technical Director

This report consists of 9 pages.

vzaine of



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232013 MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 10/03/2023

RECEIVING DATE: 10/03/2023

ANALYSIS DATE: 10/03-04/2023 REPORT DATE: 10/05/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-11	MS-10	S End Lincoln	MS-06	MS-08	MS-07
AAC ID	232013-49500	232013-49501	232013-49502	232013-49503	232013-49504	232013-49505
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

SAMPLING DATE: 10/03/2023

PROJECT NO.: 232013 MATRIX: AIR RECEIVING DATE: 10/03/2023 ANALYSIS DATE: 10/04/2023

UNITS: ppmv

REPORT DATE: 10/05/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	SCV	MS-09	Chiquito Cyn Rd	MS-12	MS-03	MS-05
AAC ID	232013-49506	232013-49507	232013-49508	232013-49509	232013-49510	232013-49511
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO. : 232013

MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 10/03/2023

RECEIVING DATE: 10/03/2023 **ANALYSIS DATE: 10/04/2023**

REPORT DATE: 10/05/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	Reaction	MS-04	MS-02	Working Face
AAC ID	232013-49512	232013-49513	232013-49514	232013-49515
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	0.099	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	0.099	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 10/3/2023

Analyst: KM Units: ppbV Instrument ID: SCD#10 Calb. Date: : 07/11/2022

Opening Calibration Verification Standard

499.8 ppbV H2S (SS1289)

499.8 ppov H23 (33128)	2)			
H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1840	499	99.9	0.8
Duplicate	1825	495	99.1	0.1
Triplicate	1813	492	98.4	0.7

547.5 ppbV H2S (SS1289)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2434	564	103.1	1.9
Duplicate	2339	542	99.1	2.1
Triplicate	2392	555	101.3	0.2

479.0 ppbV H2S (SS1 289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2555	483	100.8	1.6
Duplicate	2481	469	97.9	1.4
Triplicate	2511	475	99.1	0.2

Method Blank

Analyte	Result
H ₂ S	<pql< td=""></pql<>
MeSH	<pql< td=""></pql<>
DMS	<pql< td=""></pql<>

Duplicate Analysis	Sample ID	231187-45761
Duplicate Analysis	Sample 1D	43110/ -4 3/UI

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< th=""><th><pql< th=""><th>0.0</th><th>0.0</th></pql<></th></pql<>	<pql< th=""><th>0.0</th><th>0.0</th></pql<>	0.0	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0

Matrix Spike & Duplicate Sample ID 231438-46986 x2

Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
Triatyte	Conc.	Added	Result	Result	% Rec **	% Rec **	/0 IG D
H ₂ S	<pql< td=""><td>249.9</td><td>264.8</td><td>257.1</td><td>106.0</td><td>102.9</td><td>2.9</td></pql<>	249.9	264.8	257.1	106.0	102.9	2.9
MeSH	<pql< td=""><td>273.8</td><td>272.9</td><td>274.2</td><td>99.7</td><td>100.1</td><td>0.4</td></pql<>	273.8	272.9	274.2	99.7	100.1	0.4
DMS	<pql< td=""><td>239.5</td><td>255.9</td><td>248.9</td><td>106.8</td><td>103.9</td><td>2.8</td></pql<>	239.5	255.9	248.9	106.8	103.9	2.8

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	499.8	503.4	100.7
MeSH	547.5	540.1	98.6
DMS	479.0	458.2	95.7

^{*}Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD fro. ssAS

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbVDMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV



Quality Control/Quality Assurance Report **SCAQMD 307.91**

Date Analyzed: 10/4/2023

Analyst: KM Units: ppbV Instrument ID: SCD#10 Calb. Date: : 07/11/2022

Opening Calibration Verification Standard 499.8 ppbV H2S (SS1289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1827	496	99,2	2.5
Duplicate	1883	511	102.2	0.5
Triplicate	1909	518	103.6	1.9

547.5 ppbV H2S (SS1289)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2430	564	102.9	0.6
Duplicate	2415	560	102.3	0.0
Triplicate	2400	557	101.7	0.6

479.0 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2482	469	98.0	3.0
Duplicate	2554	483	100.8	0.1
Triplicate	2637	499	104.1	3.1

Method Blank

Analyte	Result
H ₂ S	<pql< td=""></pql<>
MeSH	<pql< td=""></pql<>
DMS	<pql< td=""></pql<>

Duplicate Anal	vsis	Sam	ple ID	231187-457	761

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0

Matrix Spike & Duplicate Sample ID 231438-46986

Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
Analyte	Conc.	Added	Result	Result	% Rec **	% Rec **	70 KI D
H ₂ S	<pql< td=""><td>249.9</td><td>254.9</td><td>249.3</td><td>102.0</td><td>99.8</td><td>2.2</td></pql<>	249.9	254.9	249.3	102.0	99.8	2.2
MeSH	<pql< td=""><td>273.8</td><td>283.2</td><td>289.0</td><td>103.5</td><td>105.6</td><td>2.0</td></pql<>	273.8	283.2	289.0	103.5	105.6	2.0
DMS	<pql< td=""><td>239.5</td><td>241.7</td><td>248.6</td><td>100.9</td><td>103.8</td><td>2.8</td></pql<>	239.5	241.7	248.6	100.9	103.8	2.8

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	499.8	527.2	105.5
MeSH	547.5	561.3	102.5
DMS	479.0	514.0	107.3

^{*}Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD fro. ssAS

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbVDMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV



Quality Control/Quality Assurance Report **SCAQMD 307.91**

Date Analyzed: 10/4/2023 Analyst: CM/KM

Units: ppmV

Instrument ID: SCD-BTU Calb. Date: : 6/13/23

Opening Calibration Verification Standard

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	868	0.499	99.9	0.1
Duplicate	858	0.494	98.8	1.0
Triplicate	874	0.503	100.6	0.8

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	864	0.525	95.9	3.3
Duplicate	915	0.556	101.5	2.4
Triplicate	901	0.548	100.0	0.9

0.479 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	867	0.478	99.7	2.6
Duplicate	832	0.459	95.8	1.5
Triplicate	836	0,461	96.2	1.1

Method Blank

Traction Dining	
Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< td=""></pql<>
. DMS	<pql< td=""></pql<>

Duplicate Analys	is		Sample ID	231187-45761
Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
DMS	<poi.< td=""><td><poi< td=""><td>0.000</td><td>0.0</td></poi<></td></poi.<>	<poi< td=""><td>0.000</td><td>0.0</td></poi<>	0.000	0.0

Matrix Spike & Duplicate

Maula Spike & I	Jupiicate		23110/-45/01	XZ			
Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H ₂ S	<pql< td=""><td>0.250</td><td>0.266</td><td>0.268</td><td>106.5</td><td>107.3</td><td>0.7</td></pql<>	0.250	0.266	0.268	106.5	107.3	0.7
MeSH	<pql< td=""><td>0.274</td><td>0.284</td><td>0.278</td><td>103.7</td><td>101.6</td><td>2.1</td></pql<>	0.274	0.284	0.278	103.7	101.6	2.1
DMS	<pql< td=""><td>0.240</td><td>0.253</td><td>0.259</td><td>105.6</td><td>108.1</td><td>2.3</td></pql<>	0.240	0.253	0.259	105.6	108.1	2.3

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.500	0.510	102.1
MeSH	0.548	0.563	102.8
DMS	0.479	0.500	104.4

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD from Mean result.

PQL = 50.0 ppbV MDL = 1.1 ppbV

CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclah.com · 1534 Eastman Ave Si	g · Phone: 805	-650-1642 · I	mail: info@	aaclab.com ·	1534 Eastr		iite A. Ventura. CA 93003	ura. CA 930		AAC Project No.:	
Client/Company Name	Project Name		انسا				ysis Requested	ted		Send Report To (Name/Email/Address)	ame/Email/Address)
SCS ENGINEERS	CHIQUITA	(450) V.								nechafer@ecsengineers com	naineers com
Project Manager Name	Project Number	•								pscharci@scscr	iigiiicci a.com
PAULSCHAFER	01204123.	01204123.21 TASK 22	2			ST				大きれのないの	WHIT BECSENDINGERS CON
Turnaround Time	Sampler Name	ñ	,	3×	JR	LIS				Send Invoice To (Name/Email/Address)	ame/Emafi/Address)
וין ר	Print:	るので	Turio	CCO	JLF	JLL		-	·		
☑ Rush 72 h ☐ Normal	Signature:		M		1 SU	.5 F			1_	PO Number	
Client Sample Name	Samala ID	Sampling	Sampling	Container	07.9	'O-			equal Zin		
6 30	Sample	Date		Type/Qty	30	Т			949000		
5	49500	1013	1256	testion !	×	×			Dog of the		C) Fedex
えいつ	4950		I	1	>	X			94No.3		
S End Lincoln	74754		ついつ	+	<u> </u>	X					
NO-06	49703		1228		×	X			es in a series		
30-08	49504		033		×	X					
20-07	49505		0940		X	×					
JC V	49506		70	1	X	×					minals
36.03	19507		2000		X	X			es vi		
Chiputo Cyn Rd	49508		000		×	X					TOWN BANKS
W.S12	hazaa		1012	1	X	X			e reine		
									\$ 0.550		
								-			
Client Notes/Special Instructions:			•			-	EDD?		ST OMY		
			-				□Yes				
	• •		:				□No				
Relinquished By		7	1								
Print: 1 many 10 teads		Date 13/23		Received By 2 a chan	S. Mary		Date (or 47 5				
Relinguished By		Time W/Y/S	+	1	7		Time 1424				
Print:		Zale	Print:				Date				
Signature:		Time	Signature:				Time				

232013

CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospharic Analysis and Consulsia		600164									
Client/Company Name Design Name Design Name Client/Company Name Design Name Client/Company Name Design Name Design Name Name Name Name Name Name Name Name	Broinet Name	. 750T-0CO-	cman: imo@	aaciab.com ·	1534 Eastn		ire A, ventura, LA 93003	ura, CA 95	SOOS	AAC Project No.:	-
SCS ENGINEERS	CHIOUITA					719	Associated	oten		Seam vehore to (value) chair, numera	ş
Project Manager Name	Project Number								-	pschafer@scsengineers.com	m
PAUL SCHAFER	01204123.21	21 TASK 22	2			T				KHUTTO SES ENGINEERS, COM	To Con
Turnaround Time	Sampler Name	ē			JR	LIS				Send Invoice To (Name/Fmail/Address)	<u>a</u>
	Print: Armond			5	LFU	LL :					1
☑ Rush 48 n ☐ S Days	Signature:		The state of the s		SU	FU				PO Number	
EL INCHINGI		S. 11.			.91	-15	riatio que âna				
Client Sample Name	Sample ID	Sampling	Sampling	Container	307	ГО	· ····································				
210		Date	Ime	ype/Qty							
1000	2156h	2/3	1220	1	>	K				Linedex	
30-05	1981		CHIO	1	×	X					
たられたするシ	21564		5480		4	X					
10-Ch	21,562	erine.	1280	1	>	X			-		
W2.00	49514		0907		×	×		·			
Working Face	79515	*	いないの	\$	X	¥					
-						-					
							:				
	The second secon									Junean Girc	
	7,11,11,11,11,11,11,11,11,11,11,11,11,11										
	The same of the sa										
client notes/Special Instructions:							EDD?		Total Control		
•							□Yes	NOTE			
	•						ONO.			14000	L L
Print: Armando, Mustado		Date	Received By Zachar Print:	1 Zeremony	Som to		Date (U/7/7)	(2)	A)		
Signature:	,	Time /4//5	Signature:		10	-	Time (M)?	~			
Print:	an an Aireanna	Date	Received By				Date				
Signature:		Time	Signature:	•			Time				
								A CONTRACTOR OF THE PARTY OF TH	The state of the s	かいこう かいこう おおものになる さいかん かいかいき まるからない 大田 かいかいかいかい あかり	Transfer of



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita (OFF)

PROJECT NO.

: 01204123.21 Task 22

AAC PROJECT NO.

: 232066

REPORT DATE

: 10/12/2023

On October 10, 2023, Atmospheric Analysis & Consulting, Inc. received sixteen (16) Tedlar Bags for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Client ID	Lab ID
MS-06	232066-49828	MS-10	232066-49836
Chiquito Cyn Road	232066-49829	MS-09	232066-49837
MS-08	232066-49830	MS-03	232066-49838
MS-07	232066-49831	MS-05	232066-49839
S End Lincoln	232066-49832	MS-04	232066-49840
MS-12	232066-49833	Working Face	232066-49841
SCV	232066-49834	Reaction	232066-49842
MS-11	232066-49835	MS-02	232066-49843

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

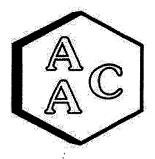
I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. These samples were received in Tedlar Bags, which are considered inappropriate containers by EPA Method TO-15. Per NELAC requirements the analytical results should be considered estimated for these samples. No other problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

lechnical Direct

This report consists of 23 pages.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232066

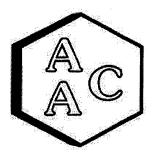
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/10/2023

DATE REPORTED: 10/12/2023

ANALYST: DL

Client ID		MS-06		Sample	C	hiquito Cyn		Sample	
AAC ID		232066-498		Reporting		232066-498		Reporting	Method
Date Sampled		10/10/202				10/10/202		,	Reporting
Date Analyzed		10/11/202	3	Limit		10/11/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1,00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloromethane	0.71	İ	11	0.50	0.68		1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Vinyl Chloride	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methanol	33.6		1	5.00	33.7		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	28.0		1	2.00	14.8		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	16.2		1	2.00	18.8		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	8.08		1	2.00	2.27		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U.	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>·U</td><td>1</td><td>0.50</td><td>1.01</td><td></td><td>11</td><td>0.50</td><td>0.50</td></srl<>	·U	1	0.50	1.01		11	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232066

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/10/2023

DATE REPORTED: 10/12/2023

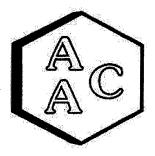
ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-06		Sample	C	hiquito Cyn	Road	Camala	
AAC ID		232066-498				232066-498	29	Sample	Method
Date Sampled		10/10/202		Reporting		10/10/202	3	Reporting	Reporting
Date Analyzed		10/11/202	3	Limit		10/11/202	3	Limit	Limit
Can Dilution Factor		1.00		SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MKL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>ט</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	ט	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1;2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ū	1	0.50	0,50
Toluene	14.3		1	0,50	32.5		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1,00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Ethylbenzene	0.51		1 .	0.50	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
o-Xylene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	î	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	î	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	î	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.50	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	î	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td>i ·</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ŭ	i ·	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>i</td><td>2.00</td><td><srl< td=""><td>- ŭ -</td><td>i</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	i	2.00	<srl< td=""><td>- ŭ -</td><td>i</td><td>2.00</td><td>2.00</td></srl<>	- ŭ -	i	2.00	2.00
BFB-Surrogate Std. % Recovery		94%				97%		2.00	70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232066

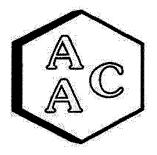
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/10/2023

DATE REPORTED: 10/12/2023

ANALYST: DL

Client ID		MS-08	·* · · · · · · · · · · · · · · · · · ·	Sample		MS-07		C1-	
AAC ID		232066-498				232066-498		Sample	Method
Date Sampled		10/10/202		Reporting		10/10/202		Reporting	Reporting
Date Analyzed		10/11/202	3	Limit		10/11/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MKL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	0.72		1	0.50	0.73		1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	35.3		1	5.00	38.0		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	28.6		1	2.00	18.9		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	17.8		1	2.00	30.5		1	2.00	2,00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ŭ	1	0,50	0.50
2-Propanol (IPA)	7.37		1	2.00	<srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<>	U	1	2,00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ŭ	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ŭ	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>111</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>111</td><td>0.50</td><td>0.50</td></srl<>	U	111	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1,00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1,00</td><td>1.00</td></srl<>	Ū	1	1,00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>. 1</td><td>1.00</td><td>1.01</td><td></td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	. 1	1.00	1.01		1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.88</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.88		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.52</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.52		1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232066
MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 10/10/2023

DATE REPORTED: 10/12/2023

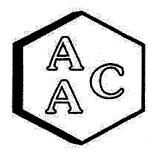
ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID		MS-08 232066-498	30	Sample		MS-07 232066-498	21	Sample	Method
Date Sampled		10/10/202		Reporting		10/10/202		Reporting	Reporting
Date Sumpled Date Analyzed		10/11/202		Limit		10/11/202		Limit	
Can Dilution Factor		1.00		(SRL)		1.00	·	(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
trans-1.3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	20.3		1	0.50	45.5		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Ethylbenzene	0.63		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
o-Xylene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1.</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1.	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>l i</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>Ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	l i	0.50	<srl< td=""><td>Ū</td><td>Ī</td><td>0.50</td><td>0.50</td></srl<>	Ū	Ī	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ŭ	1	1.00	1.00
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>i</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>ī</td><td>2.00</td><td>2,00</td></srl<></td></srl<>	Ü	i	2.00	<srl< td=""><td>Ü</td><td>ī</td><td>2.00</td><td>2,00</td></srl<>	Ü	ī	2.00	2,00
BFB-Surrogate Std. % Recovery		97%	<u> </u>			96%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232066 MATRIX: AIR

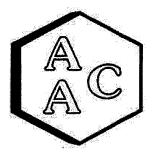
UNITS: PPB (v/v)

DATE RECEIVED: 10/10/2023

DATE REPORTED: 10/12/2023

ANALYST: DL

	l .	S End Line		Sample		MS-12		Sample	
AAC ID		232066-498		Reporting		232066-498		Reporting	Method
Date Sampled		10/10/202				10/10/202			Reporting
Date Analyzed		10/11/202	3	Limit		10/11/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>2.17</td><td><u> </u></td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	2.17	<u> </u>	11	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ü	11	0.50	0.50
Chloromethane	0.68		1	0,50	0.62		1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	36.3		1	5.00	35.4		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	29.8		1	2.00	33.3		1	2.00	2,00
Vinyl Bromide	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Acetone	16.5		1	2.00	24.0		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	8.60		1	2.00	7.89		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1 .</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1 .</td><td>2.00</td><td>2.00</td></srl<>	U	1 .	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 .	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.04</td><td></td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.04		1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.65</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.65		1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	0.54		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232066 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 10/10/2023

DATE REPORTED: 10/12/2023

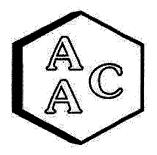
 $\mathbf{ANALYST}:\,\mathbf{DL}$

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		S End Line		Sample		MS-12		Sample	
AAC ID		232066-498		Reporting		232066-498		Reporting	Method
Date Sampled		10/10/202				10/10/202		Limit	Reporting
Date Analyzed		10/11/202	3	Limit		10/11/202	3		Limit
Can Dilution Factor		1.00		(SRL)		1.00	·	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(1.11.2)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl_< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl_<></td></srl<>	Ū	1	1.00	<srl_< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl_<>	U	1	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>. U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	. U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Heptane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Toluene	14.8		1	0.50	19.4		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Dibromochloromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	0.53		1	0.50	0,56		1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Styrene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U ·</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U ·</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U ·	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ü	1	0,50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>Ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	ī	0.50	<srl< td=""><td>Ü</td><td>Ī</td><td>0.50</td><td>0.50</td></srl<>	Ü	Ī	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1,00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>2,00</td><td><srl< td=""><td>Ü</td><td>1</td><td>2,00</td><td>2,00</td></srl<></td></srl<>	Ü	1	2,00	<srl< td=""><td>Ü</td><td>1</td><td>2,00</td><td>2,00</td></srl<>	Ü	1	2,00	2,00
BFB-Surrogate Std. % Recovery		98%				99%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232066

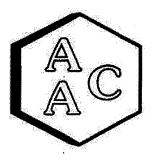
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/10/2023

DATE REPORTED: 10/12/2023

ANALYST: DL

Client ID		SCV		Sample		MS-11		Sample	
AAC ID		232066-498		Reporting		232066-498		Reporting	Method
Date Sampled		10/10/202				10/10/202		Limit	Reporting
Date Analyzed		10/11/202	3	Limit		10/11/202	3		Limit
Can Dilution Factor		1,00		(SRL)	1.00			(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Dichlorodifluoromethane	<srl_< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl_<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Chloromethane	0.73		1	0.50	0.72		11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	37.2		11	5.00	29.1		11	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<>	U	1 .	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	30.6		1	2.00	28,6		11	2.00	2,00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	19.3		1	2.00	14.2		1 1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	10.5		1	2.00	8.58		1	2,00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	1.28		1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chroroform		introductor University	and the second second second	0.50	SRL	ANETHANN TO THE MARTIN	-ransonica 1 marketos	0.50	
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	0.51		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232066

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/10/2023

DATE REPORTED: 10/12/2023

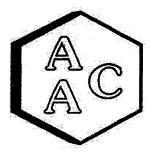
ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		SCV		Sample		MS-11		Sample	
AAC ID		232066-498	34	Reporting		232066-498		Reporting	Method
Date Sampled		10/10/202		Limit	10/10/2025			, r ~ 1	Reporting
Date Analyzed		10/11/202	3			10/11/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	()
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ū	1	0.50	0,50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	17.8		1	0.50	11.5		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>· U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	· U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	0.76		1	0.50	0.52		1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Styrene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ü	1	0.50	0,50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
o-Xvlene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ü	1	0.50	0,50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>i</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.00	<srl< td=""><td>Ü</td><td>i</td><td>2.00</td><td>2.00</td></srl<>	Ü	i	2.00	2.00
BFB-Surrogate Std. % Recovery		98%				98%			70-130%
U - Compound was not detected at or above	the CDI	7.5.7.				7070			,0-150/0

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232066 MATRIX: AIR

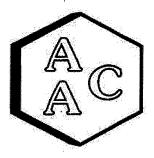
UNITS: PPB (v/v)

DATE RECEIVED: 10/10/2023

DATE REPORTED: 10/12/2023

ANALYST: DL

Client ID	T	MS-10		Cample		MS-09		Sample	
AAC ID -		232066-498	36	Sample		232066-498			Method
Date Sampled		10/10/202	3	Reporting		10/10/202		Reporting	Reporting
Date Analyzed		10/11/202	3	Limit		10/11/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
. Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	0.69		1	0.50	0.76		1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methanol	35.4		1	5.00	34.9		1	5,00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	31.8		1	2.00	31.9		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	21.8		1	2.00	18.4		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	8.48		1	2.00	9.77		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethene	<srl_< td=""><td>. U</td><td>1</td><td>0.50</td><td>SRL</td><td>L</td><td>1</td><td>0.50</td><td>0.50</td></srl_<>	. U	1	0.50	SRL	L	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ŭ</td><td>Ī</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	Ī	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>l i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	l i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1 1	0.50	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	Ü	ī	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>l î</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	l î	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232066 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 10/10/2023

DATE REPORTED: 10/12/2023

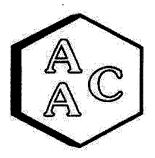
ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-10		Sample		MS-09		Sample	
AAC ID		232066-498		Reporting		232066-498		Reporting	Method
Date Sampled		10/10/202				10/10/202			Reporting
Date Analyzed		10/11/202	3	Limit		10/11/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00	,	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.83</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.83		1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Toluene	14.5		1	0.50	17.1		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1,00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ ·</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ ·</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ ·	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Ethylbenzene	0.56		1	0.50	0.55		1	0.50	0.50
m & p-Xvlene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>2,00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2,00</td></srl<></td></srl<>	U	1	2,00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2,00</td></srl<>	U	1	2.00	2,00
BFB-Surrogate Std. % Recovery		98%				97%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232066 MATRIX : AIR

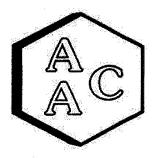
UNITS: PPB (v/v)

DATE RECEIVED: 10/10/2023

DATE REPORTED: 10/12/2023

ANALYST: DL

Client ID	- 1	MS-03		Γ Τ		MS-05		a ,	
. AAC ID		232066-498	338	Sample		232066-498	39	Sample	Method
Date Sampled		10/10/202		Reporting		10/10/202	3	Reporting	Reporting
Date Analyzed		10/11/202		Limit		10/11/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MICE)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	0.73		1	0.50	0.66		1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	32.7		11	5.00	49.6		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	29.1		1	2.00	28.1		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	19.7		1	2.00	31.1		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	9.14		1	2.00	5.54		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1,00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.53</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.53		1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>1.12</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	1.12		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232066

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/10/2023

DATE REPORTED: 10/12/2023

ANALYST: DL

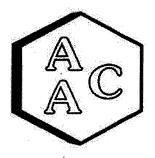
VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-03		Sample		MS-05		Sample	
AAC ID		232066-498				232066-498			Method
Date Sampled		10/10/202	3	Reporting		10/10/202		Reporting	Reporting
Date Analyzed		10/11/202	3	Limit		10/11/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRI)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl -<="" td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl></td></srl<>	U	1	0.50	<srl -<="" td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromodichloromethane	<srl< td=""><td>Ŭ</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	9.89	-	1	0.50	48.9		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>2,00</td><td><srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1	2,00	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<>	U	11	2.00	2.00
BFB-Surrogate Std. % Recovery		97%				97%			70-130%

U - Compound was not detected at or above the SRL.



E- Compound detected above the Reporting Limit. Insufficient volume in Tedlar Bag for dilution, result should be considered estimated.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232066 MATRIX: AIR

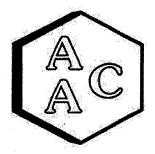
UNITS: PPB (v/v)

DATE RECEIVED: 10/10/2023

DATE REPORTED: 10/12/2023

ANALYST: DL

Client ID		MS-04		6 1		Working Fa	ice	G1-	
AAC ID		232066-498	340	Sample		232066-498	341	Sample	Method
Date Sampled		10/10/202	3	Reporting		10/10/202	3	Reporting	Reporting
Date Analyzed		10/11/202	3	Limit		10/11/202	3	Limit	Limit
Can Dilution Factor		1.00		SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	4.98		1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chloromethane	0.84		1	0.50	0.66		1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	67.0		1	5.00	42.1		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	35.0		1	2.00	32,2		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	42.7		1	2.00	24.8		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	8.28		1	2.00	4.72		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
2-Butanone (MEK)	5.51		1	1.00	1.60		1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	0,51		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	1.70		1	0.50	1.54		1	0.50	0.50
Tetrahydrofuran	5.98		1	0.50	0.99		1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	5.17		1	0.50	1.04		1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232066

MATRIX : AIR UNITS: PPB (v/v) DATE RECEIVED: 10/10/2023

DATE REPORTED: 10/12/2023

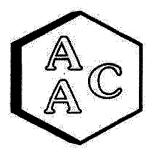
ANALYST: DL

Client ID		MS-04	40	Sample		Working Fa 232066-498		Sample	Method
AAC ID		232066-498		Reporting	10/10/2023			Reporting	
Date Sampled		10/10/202		Limit		10/10/202		Limit	Reporting
Date Analyzed		10/11/202	3	(SRL)		1.00	3	(SRL)	Limit
Can Dilution Factor		1.00					·		(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ü	11	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	. 1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	0.50		1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	50.8		1	0.50	39.8		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xvlene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3;5-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>ī</td><td>2,00</td><td><srl< td=""><td>U</td><td>11</td><td>2,00</td><td>2,00</td></srl<></td></srl<>	Ü	ī	2,00	<srl< td=""><td>U</td><td>11</td><td>2,00</td><td>2,00</td></srl<>	U	11	2,00	2,00
BFB-Surrogate Std. % Recovery		98%				99%			70-130%



U- Compound was not detected at or above the SRL.

E- Compound detected above the Reporting Limit. Insufficient volume in Tedlar Bag for dilution, result should be considered estimated.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232066 MATRIX: AIR

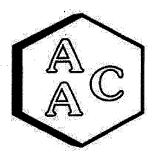
UNITS: PPB (v/v)

DATE RECEIVED: 10/10/2023

DATE REPORTED: 10/12/2023

ANALYST: DL

Client ID	T	Reaction	1	T T		MS-02		C1-	
AAC ID		232066-498		Sample		232066-498	143	Sample	Method
Date Sampled	İ	10/10/202	3	Reporting		10/10/202	3	Reporting	Reporting
Date Analyzed		10/11/202		Limit		10/11/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Propene	22.3		1	1.00	1.97		11	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	0.64		1	0.50	0.76		11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	185		1	5.00	44.8		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	92.5		10	20.0	33.9		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	101		1	2.00	33.5		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	58.0		1	2.00	5.63		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1,00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1,00</td></srl<>	U	1	1.00	1,00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2,00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2,00</td></srl<>	U	1	2.00	2,00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	U	. 1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	56.6		1	1.00	3.06		1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	0.65		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	4.68		1	0.50	1.53		1	0.50	0.50
Tetrahydrofuran	68.2		10	5.00	2.93		1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	48.5		1	0.50	1.78		1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232066 MATRIX : AIR

UNITS: PPB (v/v)

DATE RECEIVED: 10/10/2023

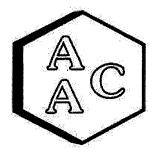
DATE REPORTED: 10/12/2023

ANALYST: DL

Client ID		Reaction		Sample		MS-02		Sample	
AAC ID		232066-498		Reporting		232066-498		Reporting	Method
Date Sampled		10/10/202		Limit		10/10/202		Limit	Reporting
Date Analyzed		10/11/202	3			10/11/202	3		Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	`
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Heptane	0.53		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	3,29		1	0.50	<srl_< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl_<>	U	1	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	48.5		1	0.50	49.5		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>111</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	111	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	2.62		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	2.92		1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	1.17		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2;4-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>ĺ</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2,00</td></srl<></td></srl<>	Ü	ĺ	2.00	<srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2,00</td></srl<>	U	1	2,00	2,00
BFB-Surrogate Std. % Recovery		99%				98%			70-130%

U- Compound was not detected at or above the SRL.

E- Compound detected above the Reporting Limit. Insufficient volume in Tedlar Bag for dilution, result should be considered estimated.



Analyte Compounds (Continued)

1,2-Dichloropropane

1,4-Dioxane

Heptane

Toluene

Bromodichloromethane

Trichloroethene (TCE)

2,2,4-Trimethylpentane

cis-1,3-Dichloropropene

trans-1,3-Dichloropropene

1,1,2-Trichloroethane

4-Methyl-2-pentanone (MiBK)

Methyl Methacrylate

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/11/2023

MATRIX: High Purity N₂

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-04

CALIBRATION STD ID: MS1-051523-01

ANALYST: DL

Source

10.50

10.40

10.40

10.40

10.00

11.00

10.50

10.40

10.40

10.50

10.50

10.60

CCV²

11.92

11.64

11.23

10.65

11.46

12.78

11.16

11.89

12.16

11.70

11.06

11.11

% Recovery

114

112

108

102

115

116

106

114

117

111

105

105

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 09/26/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery 3
4-BFB (surrogate standard)	9.40	9.45	101
Chlorodifluoromethane	10.40	12.11	116
Propene	10.60	11.89	. 112
Dichlorodifluoromethane	10.40	11.60	112
Dimethyl Ether	10.20	11.40	112
Chloromethane	10.40	11.46	110
Dichlorotetrafluoroethane	10.30	10.42	101
Vinyl Chloride	10.50	12.19	116
Acetaldehyde	21.10	21.10	100
Methanol	18.80	19.13	102
1,3-Butadiene	10.60	12.87	121
Bromomethane	10.40	10.69	103
Chloroethane	10.30	12.03	117
Dichlorofluoromethane	10.20	11.18	110
Ethanol	11.20	12.22	109
Vinyl Bromide	10.10	10.37	103
Acrolein	11.10	12.93	116
Acetone	10.60	10.78	102
Trichlorofluoromethane	10.50	10.75	102
2-Propanol (IPA)	11.00	12.97	118
Acrylonitrile	11.20	13.37	119
1,1-Dichloroethene	10.40	11.02	106
Methylene Chloride (DCM)	10.50	10.47	100
TertButanol (TBA)	11.10	13.17	119
Allyl Chloride	10.20	10.96	107
Carbon Disulfide	10.50	11.52	110
Trichlorotrifluoroethane	10.40	10.57	102
trans-1,2-Dichloroethene	10.60	11.92	112
1,1-Dichloroethane	10.50	11.76	112
Methyl Tert Butyl Ether (MTBE)	10.50	11.50	110
Vinyl Acetate	11.00	13.62	124
2-Butanone (MEK)	10.60	11.97	113
cis-1,2-Dichloroethene	10.50	11.53	110
Hexane	10.70	11.41	107
Chloroform	10,60	11.37	107
Ethyl Acetate	10,60	12.85	121
Tetrahydrofuran	10.20	11.34	111
1,2-Dichloroethane	10.50	11.63	111
1,1,1-Trichloroethane	10.40	11.11	107
Benzene	10,60	11.27	106
Carbon Tetrachloride	10.20	10.89	107
Cyclohexane	10.50	10.63	101

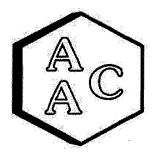
Tortierie	10.60	11.11	103
2-Hexanone (MBK)	10.50	12.60	120
Dibromochloromethane	10.30	11.30	110
1,2-Dibromoethane	10.60	11.19	106
Tetrachloroethene (PCE)	10.40	10.52	101
Chlorobenzene	10,60	10.44	98
Ethylbenzene	10.50	11.28	107
m & p-Xylene	21.00	22.12	105
Bromoform	10.50	11.79	112
Styrene	10.50	11.68	111
1,1,2,2-Tetrachloroethane	10.50	11.51	110
o-Xylene	10.50	10.99	105
1,2,3-Trichloropropane	11.00	11.78	107
Isopropylbenzene (Cumene)	10.30	10.67	104
α-Pinene	10.70	11.45	107
2-Chlorotoluene	10.30	10.73	104
n-Propylbenzene	10.10	10.60	105
4-Ethyltoluene	10.30	10.76	104
1,3,5-Trimethylbenzene	10.30	10.98	107
β-Pinene	11.00	12.20	111
1,2,4-Trimethylbenzene	10.30	10.64	103
Benzyl Chloride (a-Chlorotoluene)	10.40	9.68	93
1,3-Dichlorobenzene	10,40	10.84	104
1,4-Dichlorobenzene	10.30	10.64	103
Sec-ButylBenzene	10.10	10.80	107
1,2-Dichlorobenzene	10.60	10.71	101
n-ButylBenzene	10.20	10.62	104
1,2-Dibromo-3-Chloropropane	10.10	10.67	106
1,2,4-Trichlorobenzene	11.00	11.32	103
Naphthalene	11.50	10.93	95
Hexachlorobutadiene	11.00	11.03	100



¹ Concentration of analyte compound in certified source standard.

² Measured result from daily Continuing Calibration Verification (CCV).

 $^{^3}$ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/11/2023

INSTRUMENT ID: GC/MS-04

MATRIX: High Purity N2

CALIBRATION STD ID: MS1-051523-01

UNITS: PPB (v/v)

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

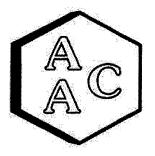
G. d. W. Marildanina Communida	Sample	Spike	LCS ¹	LCSD 1	LCS ¹	LCSD ¹	RPD³
System Monitoring Compounds	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	KPD
4-BFB (surrogate standard)	0.0	9.40	9.45	9.40	101	100	0.5
1,1-Dichloroethene	0.0	10.40	11.02	10.81	106	104	1.9
Methylene Chloride (DCM)	0.0	10.50	10.47	10.27	100	98	1.9
Benzene	0.0	10.60	11.27	11.17	106	105	0.9
Trichloroethene (TCE)	0.0	10.40	10.65	10.61	102	102	0.4
Toluene	0.0	10.60	11.11	10.86	105	102	2.3
Tetrachloroethene (PCE)	0.0	10.40	10.52	10.50	101	101	0.2
Chlorobenzene	0.0	10.60	10.44	10.38	98	98	0.6
Ethylbenzene	0.0	10.50	11.28	11.04	107	105	2.2
m & p-Xylene	0.0	21.00	22.12	21.62	105	103	2.3
o-Xylene	0.0	10.50	10.99	10.84	105	103	1.4

¹ Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)



² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/11/2023

INSTRUMENT ID: GC/MS-04

MATRIX: High Purity He or N2

ANALYST: DL

UNITS: PPB (v/v)

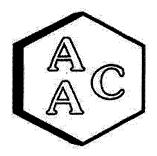
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 101123	Reporting Limit (RL)
4-BFB (surrogate standard)	94%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5
Allyl Chloride	<rl< td=""><td>1.0</td></rl<>	1.0
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>1.0</td></rl<>	1.0
2-Butanone (MEK)	<rl< td=""><td>1.0</td></rl<>	1.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0.5</td></rl<>	0.5
Cyclohexane	<rl< td=""><td>0.5</td></rl<>	0.5

Analyte Compounds (Continued)	MB 101123	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>1.0</td></rl<>	1.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>1.0</td></rl<>	1.0
Dibromochloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	- <rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5





QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/11/2023

MATRIX : Air

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-04

ANALYST: DL

DILUTION FACTOR¹: x1

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 231922-49160

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	9.19	9.12	0.8
Chlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Propene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Dimethyl Ether	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Chloromethane	0.66	0.64	3.1
Dichlorotetrafluoroethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Vinyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetaldehyde	6.73	7.40	9.5
Methanol	11.5	11.6	0.4
1,3-Butadiene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Bromomethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethanol	15.9	15.8	0.3
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrolein	1.81	1.89	4.3
Acetone	9.53	9.46	0.7
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Propanol (IPA)	4.42	4.40	0.5
Acrylonitrile	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Methylene Chloride (DCM)	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
TertButanol (TBA)	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Allyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Disulfide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
trans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Vinyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Butanone (MEK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethyl Acetate	2.58	2.57	0.4
Tetrahydrofuran	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Benzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Tetrachloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Cyclohexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichloroethene (TCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Heptane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Toluene	0.73	0.69	5.6
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrachloroethene (PCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
m & p-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromoform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Styrene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2,2-Tetrachloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
o-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Isopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
α-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Ethyltoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3,5-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
β-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Sec-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Naphthalene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Hexachlorobutadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.



² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL -, Sample Reporting Limit (minimum)

232066

CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Signature:	Print:	Relinguished By	Print: Hry and o Hortaco		ciiciit iaores/ special instructions:	Client Notes (Special Industry		MS-09	MS-10	MS-11	SCY	MS-12	3 End Lincoln	- 1	M5-08	Chiquita Cyn Kd	MS-06	Client Sample Name	Rush 72 h □ Normal	☐ Rush 48 h ☐ 5 Days	Time	PAUL SCHAFER	Project Manager Name	SCS ENGINEERS:	Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Su
							,	49837	96826	49835	49834	49877	49872	16851	7 9830	49829	22864	Sample ID	Signature:	Print: Frynando	Sampler Name	01204123.21 TASK 22	Project Number	Project Name	ղg · Phone: 805-ւ
Time	Date	Time / 443	Date 10/10/23	,				E								-	10/10	Sampling Date	J. Mir	- 20 20	 ->	1 TASK 2			550-1642 · E
Signature:	Received By Print:	Signature:		,				1148	1215	1309	1200	1122	1104	1039	1136	1050	1231	Sampling Time	260	Hurtado		2		/ Apr 1	mail: info@
		1	Zachan			\setminus		+		/	/		1		1	1	redian,	Container Type/Qty		Ó					aaclab.com
			1) Swit					χ	X	X	X	X	×	X	Υ;	X	X	307	.91 S	ULF	UR				· 1534 Eastn
				······································				×	×	X	X	X	(X	X	χ	X	ТО	-15 F	ULI	LIS	ST		Analy	nan Ave Sui
Time	Date	Time ユムペ	Date [0](0/2	No	ĘDD? □Yes																· · · · · · · · · · · · · · · · · · ·			/sis Requested	iite A, Ventu
			2,															***************************************	·····	***************************************		•	 	ed	Ventura, CA 93003
												in the second						22.5	PO Number	****	Send In	rhuff@	pschaf	Send Re	AAC Pro
															*				nber		voice To (Nam	rhuff@scsengineers.com	fer@scseng	Send Report To (Name/Email/Address)	AAC Project No.:
									all ans							SUPS.			NIC		Send Invoice To (Name/Email/Address)	ers.com	pschafer@scsengineers.com	e/Email/Address)	

230066

CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003	ng · Phone: 805	i-650-1642 · E	mail: info@	aaclab.com ·	1534 Eastı	man Ave Su	iite A, Ventura	, CA 93003	AAC Project No.:
Client/Company Name	Project Name					Anal	ysis Requested		Send Report To (Name/Email/Address)
Project Manager Name	CHIQUITA	A	SEE _						pschafer@scsengineers.com
PAUL SCHAFER	01204123.21	01204123.21 TASK 22	2			Γ			rhuff@scsengineers.com
Turnaround Time	Sampler Name	7e			JR	LIS'		······································	Send Invoice To (Name/Small/Address)
☐ Rush 24 h ☐ Same Day	Print: M		2		FU	LL			(economy hinner)
	W M M		-		UL	UI		#*************************************	
П	Signature:	The state of			1 S	5 F	***************************************		PO Number
		Campling	Compling	7	7.9)-1		Leaving Service	A TABLES ONLY
Cilem Sample Name	Sample ID	Date	Time	Type/Oty	30′	ТС		 	
MS-03	49838	01/01	,	realist	×	×			Annie Company
M8-05	49839		h280	1	ĸ	×			
W5-04	49840		0927		X	א			
working borne face	148h1		3101		×	X			
Reaction	49842		oppo		×	×	10		
M5-02	49843	+	1005	K	×	×			Extension and
									William Control
							-		
									Topilon,
									L. Control
		,							
Client Notes/Special Instructions:							EDD?		
							□Yes		
Relinquished By		20/2							
Print: Armando Hurtico		Date /6/10	Print:	Berchan	Smith	\>	Date [0//d/23		
Relinquished By		Time /445	Signature:				Time [ソイペ		· 三州 · 三州 · 三州 · 三州 · 三州 · 三州 · 三州 · 三州
Print:		Date	Received By Print:	•					
Signature:		Time	Signature:				Time		多。 第一章
								CAN LESS CONTROL SELECTION	

AAC COC Rev 3

Issued 02/04/2021



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita (Off)

PROJECT NUMBER

: 01204123.21 TASK 22

AAC PROJECT NO.

: 232066

REPORT DATE

: 10/12/2023

On October 10th, 2023, Atmospheric Analysis & Consulting, Inc. received sixteen (16) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Client ID	Lab No
MS-06	232066-49828	MS-10	232066-49836
Chiquito Cyn Rd	232066-49829	MS-09	232066-49837
MS-08	232066-49830	MS-03	232066-49838
MS-07	232066-49831	MS-05	232066-49839
S End Lincoln	232066-49832	MS-04	232066-49840
MS-12	232066-49833	Working Face	232066-49841
SCV	232066-49834	Reaction	232066-49842
MS-11	232066-49835	MS-02	232066-49843

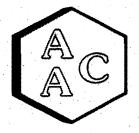
This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Technical Director

This report consists of 8 pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers
PROJECT NO.: 232066
MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 10/10/2023

RECEIVING DATE: 10/10/2023

ANALYSIS DATE: 10/11/2023 REPORT DATE: 10/12/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	Chiquito Cyn Rd	MS-08	MS-07	S End Lincoln	MS-12
AAC ID	232066-49828	232066-49829	232066-49830	232066-49831	232066-49832	232066-49833
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers PROJECT NO.: 232066

MATRIX: AIR UNITS: ppmv **SAMPLING DATE:** 10/10/2023

RECEIVING DATE: 10/10/2023

ANALYSIS DATE: 10/11/2023 REPORT DATE: 10/12/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	SCV	MS-11	MS-10	MS-09	MS-03	MS-05
AAC ID	232066-49834	232066-49835	232066-49836	232066-49837	232066-49838	232066-49839
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

SAMPLING DATE: 10/10/2023

PROJECT NO.: 232066 MATRIX: AIR

RECEIVING DATE: 10/10/2023 ANALYSIS DATE: 10/11/2023

UNITS: ppmv

REPORT DATE: 10/12/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-04	Working Face	Reaction	MS-02
AAC ID	232066-49840	232066-49841	232066-49842	232066-49843
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 10/11/2023

Analyst: KM Units: ppbV Instrument ID: SCD#10 Calb. Date: : 07/11/2022

Opening Calibration Verification Standard

499.8 ppbV H2S (SS1289

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1878	509	101.9	1.5
Duplicate	1847	501	100.3	0.1
Triplicate	1824	495	99.0	1.4
547.5 ppbV H2S (SS1289	9)			

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2366	549	100.2	0.9
Duplicate	2305	535	97.6	1.7
Triplicate	2362	548	100.0	0.8

479.0 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2590	490	102.2	2.4
Duplicate	2481	469	97.9	1.9
Triplicate	2519	476	99.4	0.4

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< th=""></pql<>

Duplicate Analysis	. 1		Sample ID	231187-45761
Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0

Matrix Spike & Duplicate Sample ID 231438-46986 Sample Spike MS MSD MS MSD % RPD *** Analyte % Rec ** Added % Rec ** Conc. Result Result H₂S <PQL 249.9 101.6 102.5 0.9 253.8 256.1 MeSH <PQL 273.8 274.0 266.8 100.1 97.4 2.7 DMS 239.5 243.1 241.9 101.0 <PQL 101.5 0.5

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	499.8	498.8	99.8
MeSH	547.5	539.2	98.5
DMS	479.0	470.8	98.3

^{*}Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD fro. ssAS

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbVDMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV



Quality Control/Quality Assurance Report **SCAQMD 307.91**

Date Analyzed: 10/11/2023

Analyst: CM/KM Units: ppmV

Instrument ID: SCD-BTU Calb. Date: : 6/13/23

Opening Calibration Verification Standard

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	885	0.509	101.9	0.8
Duplicate	864	0.497	99.4	1.6
Triplicate	884	0.509	101.8	0.7
0.548 ppbV H2S (SS1289	"			
MeSH	Resn. (area)	Result	% Rec *	% RPD ****

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	901	0.547	100.0	0.7
Duplicate	904	0.549	100.3	0.3
Triplicate	916	0.556	101.6	1.0

0.479 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	883	0.487	101.6	1.3
Duplicate	849	0.468	97.7	2.6
Triplicate	884	0.487	101.7	1.4

Method Blank

DMS

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< td=""></pql<>

Duplicate Analysis			Sample ID	231187-45761
Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
MeSH	<pql< td=""><td><pql ,<="" td=""><td>0.000</td><td>0.0</td></pql></td></pql<>	<pql ,<="" td=""><td>0.000</td><td>0.0</td></pql>	0.000	0.0

<PQL

231187-45761 x2

Matrix Spike & L	Jupiicate		23110/-43/01	λ4			
Analyta	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
Analyte	Conc.	Added	Result	Result	% Rec **	% Rec **	70 KI D
H ₂ S	<pql< td=""><td>0.250</td><td>0.258</td><td>0.247</td><td>103.3</td><td>98.8</td><td>4.4</td></pql<>	0.250	0.258	0.247	103.3	98.8	4.4
MeSH	<pql< td=""><td>0.274</td><td>0.273</td><td>0.263</td><td>99.7</td><td>96.1</td><td>3.7</td></pql<>	0.274	0.273	0.263	99.7	96.1	3.7
DMS	<pql< td=""><td>0.240</td><td>0.239</td><td>0.237</td><td>99.8</td><td>99.0</td><td>0.8</td></pql<>	0.240	0.239	0.237	99.8	99.0	0.8

0.0

0.000

Closing Calibration Verification Standard

<PQL

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.500	0.478	95.6
MeSH	0.548	0.528	96.4
DMS	0.479	0.473	98.7

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD from Mean result.

PQL 50.0 ppbV MDL 1.1 ppbV

232066

AAC COC Rev 3

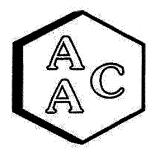
CHAIN OF CUSTODY AND ANALYSIS REQUEST -- Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

	line Park Control		A.P. G.C.C.			
第一世紀 をおり はいかい はんだい はんだい はんだい はんだい はんだい はんだい はんかい はんかい はんかい はん はんかい はんかい はんかい はんかい			Constitution	Time		Signature:
			Print:			
	Date		Received By	Date		
のでは、これは、これには、これには、これには、これには、これには、これには、これには	Time フスク マックのでは、	1	organiture:			Relinquished By
		/		Time i will		ure: ACOM
	Date (ひ/(ロ/スプ) 2 (美) 単語	· Cont		Date (0/10/23	5	Print: Type and o Edvices
					53	Relinquished By
	□No □					
	∐Yes Nane					
	EDD7					
						Client Notes/Special Instructions:
Supplied to the supplied to th						
		X,	50	Para service de la constante d	49827	
Sub-ling.		X	1215	0. 794 č-	96.882	
		X		***************************************	1000	2
			2000		76867	301
		× - ×	0000	144.572	1285h	
		X	E & Gram.	70 20	(101)	
Tagnonia a		X	131	0127883	2007	るので
		X	0	PACIFIC	768 bh	- 1
		X	2		7483	1.
		X		3200		20-22
			2	100	ر الا الا	でして
San San San San San San San San San San		χ χ	17	- Situro	79829	CAN CAN KO
		×	L		1000	
			l:	5	2000	2000 O
		•••	Time Tyne/Ohy	Date	Jampie IV	
Alno ash avr			Sampling Container	Sampling	62-1-12	Client Sample Name
PO Number		01 S		A. Mitte	Signature:	⊠ Rush 72 h ☐ Normal
		··	Can Company of the Co	Sap.	}	□ Rush 48 h □ 5 Days
Send Invoice To (Name/Email/Address)				Service of	Print: Transacto	ı ().
			n P	me	Sampler Name	
rhuff@scsengineers.com		ST	2	01204123.21 1ASK 22	0120412	Timesense Timesense
pschafer@scsengineers.com			- Commence of the Commence of	ber	Project Number	PAUL SCHAFER
Jessu Nepol C (Name/Email/Address)			OFF	TA [ON / OFF	CHIQUITA	OCU ENGLINDERO
Sond Bonot To	sis Requested	Ana		ě	Project Name	Company Name
AAC Droiect No.	lite A. Ventura, CA 93003	· 1534 Eastman Ave Si	mail: info@aaclab.com	5-650-1642 · §	ing · Phone: 80	City of the Analysis and Consulting Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Sui
*						Designation And The Land

Page

CHAIN OF CUSTODY AND ANALYSIS REQUEST — Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

	Bimornionio Anahorio and Campalair	7			,			The Care and		ç	(
	Client/Company Name Consulting - Phone: 805-650-1642 - Email: info@aaclab.com · 1534 Eastman /	ag . Phone: 805	-650-1642 · E	mail: info@	aaclab.com ·	1534 East	man Ave Suite	ite A, Ventura,	ira, CA 93003	003	AAC Project No.:
	SCS ENGINEERS	CHIOITT A	A LON				Anal	Analysis Requested	ed		Send Report To (Name/Email/Address)
	Project Manager Name	Project Number	STA STATE								pschafer@scsengineers.com
	FAULSCHAFER	01204123	01204123.21 TASK 22	2			Γ				rhuff@scsengineers.com
	Turnaround Time	Sampler Name		to .		R	LIS			mint grovers	1
	☐ Rush 24 h ☐ Same Day		inners)			FU	LI				Send Invoice To (Name/Email/Address)
		Such Misself	70	S. C. C. C. C.		JLI	UL:		tractions in the		
	Rush 72 h □ Normal	Signature:		TOTAL CONTRACTOR		1 SV	5 F			·	PO Number
	Client Sample Name	Sample In	Sampling	Sampling	Container)7.9	O-1				ANNO STATE OF THE
		Janpie	Date	Time	Type/Otv	30	T				
	W8-03	49828	0/10		realiza	×	**				
	WS-05	6836 h		2020							SANGE TO SERVICE TO SE
e	WS-04	0 48 6 h	-ic-2110	00223			Ĉ,				Tions I
	Northing there time	14841	2 7 2 1 1 5	000		×	X 1				
	* ACCTION	74847		040		×	K				
	MS-02	54862	-	200		×	×				Tak months
							,				Midals
											supplied in the supplied in th
		-									Linus ad Galle
	Client Notes/Special Instructions:										
								⊟Yes		SE SHEY	
								No			
	_		Date 6//3	Received By	j			Date			
	Signature: bow with		Time 1445	Print:	Joseph	7 2 / W	7,5				
	Relinquished By		- 1	Received By				Date			
	Signature.			Print:					i de		
	- G		Time	Signature:				Time			· · · · · · · · · · · · · · · · · · ·



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita OFF/ON

PROJECT NO.

: 01204123.21 TASK 22

AAC PROJECT NO.

: 232137

REPORT DATE

: 10/19/2023

On October 17, 2023, Atmospheric Analysis & Consulting, Inc. received sixteen (16) Tedlar Bags for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Client ID	Lab ID
MS-07	232137-50214	MS-06	232137-50222
Chiquito Cyn Rd	232137-50215	MS-11	232137-50223
S End Lincoln	232137-50216	MS-05	232137-50224
MS-12	232137-50217	MS-04	232137-50225
MS-08	232137-50218	Reaction	232137-50226
MS-09	232137-50219	MS-02	232137-50227
SCV	232137-50220	Working Face	232137-50228
MS-10	232137-50221	MS-03	232137-50229

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

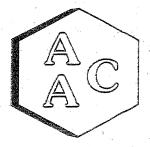
I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. These samples were received in Tedlar Bags, which are considered inappropriate containers by EPA Method TO-15. Per NELAC requirements the analytical results should be considered estimated for these samples. No other problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

echnical Director

This report consists of 23 pages.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232137 MATRIX: AIR

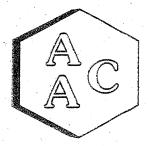
UNITS: PPB (v/v)

DATE RECEIVED: 10/17/2023

DATE REPORTED: 10/19/2023

ANALYST: DL/CH

Client ID	T 1	MS-07				Chiquito Cy	n Rd		
AAC ID		232137-502	214	Sample		232137-502		Sample	Method
Date Sampled		10/17/202		Reporting		10/17/202		Reporting	Reporting
Date Analyzed		10/18/202	3	Limit		10/18/202		Limit	
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Propene	<srl< td=""><td>U</td><td>- 1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	- 1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	0.52		1	0.50	0.57		î	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i i	0.50	0.50
Vinyl Chloride	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
Methanol	34.6		1	5.00	37.1		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>· î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>· î</td><td>0.50</td><td>0.50</td></srl<>	Ü	· î	0.50	0.50
Bromomethane	<srl< td=""><td>U ·</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U ·	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>. 1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>i</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	. 1	1.00	<srl< td=""><td>Ü</td><td>i</td><td>1.00</td><td>1.00</td></srl<>	Ü	i	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ.	1	0.50	0.50
Ethanol	31.8		1	2.00	30.5		<u> </u>	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	16.6		1	2.00	27.7	_ ŭ	1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	4.44		1	2.00	4.91	- Ŭ	1.	2.00	2.00
Acrylonitrile	<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U .	1	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>- 1.00</td><td><srl< td=""><td>Ü</td><td>î</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	- 1.00	<srl< td=""><td>Ü</td><td>î</td><td>1.00</td><td>1.00</td></srl<>	Ü	î	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ŭ	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>Ü</td><td>i</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	i	2.00	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>· 1</td><td>0.50</td><td><srl< td=""><td>ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	· 1	0.50	<srl< td=""><td>ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	ŭ	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	î	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ū</td><td>î</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	î	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>Ü</td><td>i</td><td>2.00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	i	2.00	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ŭ	1	2.00	2.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1.</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>Ŭ</td><td>1.</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1.	0.50	0.50
Hexane	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1.</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1.</td><td>0.50</td><td>0.50</td></srl<>	Ü	1.	0.50	0.50
Ethyl Acetate	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	ī	0.50	<srl< td=""><td>Ü</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<>	Ü	1 .	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td><srl< td=""><td>ŭ l</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	î	0.50	<srl< td=""><td>ŭ l</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	ŭ l	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	î	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ū</td><td>- i - l</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	- i - l	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzene	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.80</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.80		1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232137 MATRIX : AIR

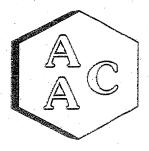
UNITS: PPB (v/v)

DATE RECEIVED: 10/17/2023

DATE REPORTED: 10/19/2023

ANALYST: DL/CH

Client ID	T	MS-07			· · · · · · ·	Chiquito Cy	n Rd	T	
AAC.ID		232137-502	14	Sample		232137-502		Sample	Method
Date Sampled		10/17/202		Reporting		10/17/202		Reporting	
Date Analyzed	T .	10/18/202	3	Limit		10/18/202		Limit	Reporting
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,2-Dichloropropane	0.54		1	0.50	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	î	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,4-Dioxane	<srl:< td=""><td>Ü</td><td>7 1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1 .</td><td>2.00</td><td>2.00</td></srl<></td></srl:<>	Ü	7 1	2.00	<srl< td=""><td>Ü</td><td>1 .</td><td>2.00</td><td>2.00</td></srl<>	Ü	1 .	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Heptane	<srl< td=""><td>Ū</td><td>1 .</td><td>0.50</td><td><srl< td=""><td>Ü</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1 .	0.50	<srl< td=""><td>Ü</td><td></td><td>0.50</td><td>0.50</td></srl<>	Ü		0.50	0.50
cis-1,3-Dichloropropene	. <srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.00	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	î	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Toluene	17.9		î	0.50	19.4	0	1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>IJ</td><td>i</td><td>2.00</td><td><srl< td=""><td>U</td><td></td><td>2.00</td><td>2.00</td></srl<></td></srl<>	IJ	i	2.00	<srl< td=""><td>U</td><td></td><td>2.00</td><td>2.00</td></srl<>	U		2.00	2.00
Dibromochloromethane	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ü</td><td><u>i</u></td><td>0.50</td><td><srl< td=""><td>Ü</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	<u>i</u>	0.50	<srl< td=""><td>Ü</td><td></td><td>0.50</td><td>0.50</td></srl<>	Ü		0.50	0.50
Chlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td></td><td>0.50</td><td>0.50</td></srl<>	Ü		0.50	0.50
Ethylbenzene	0.67		1	0.50	0.64		1	0.50	
m & p-Xylene	<srl< td=""><td>Ū</td><td>. 1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1.</td><td></td><td>0.50</td></srl<></td></srl<>	Ū	. 1	1.00	<srl< td=""><td>Ū</td><td>1.</td><td></td><td>0.50</td></srl<>	Ū	1.		0.50
Bromoform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>- !</td><td>1.00 0.50</td><td>1.00 0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>- !</td><td>1.00 0.50</td><td>1.00 0.50</td></srl<>	Ü	- !	1.00 0.50	1.00 0.50
Styrene	<srl< td=""><td>Ŭ</td><td>· - i </td><td>0.50</td><td><srl< td=""><td>U</td><td></td><td></td><td></td></srl<></td></srl<>	Ŭ	· - i	0.50	<srl< td=""><td>U</td><td></td><td></td><td></td></srl<>	U			
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>SRL SRL</td><td>Ü</td><td></td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	SRL SRL	Ü		0.50	0.50
o-Xylene	<srl< td=""><td>Ü</td><td>- 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	- 1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>- 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>- 1</td><td>0.50</td><td>0.50</td></srl<>	Ü	- 1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>- U</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1 1	0.50	<srl< td=""><td>- U</td><td></td><td>0.50</td><td>0.50</td></srl<>	- U		0.50	0.50
1,2,4-Trimethylbenzene	SRL SRL	Ü	1	0.50	SRL SRL	TI I		0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td></td><td>_</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50			_	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>U</td><td><u>I</u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 1	0.50	<srl< td=""><td>U</td><td><u>I</u></td><td>0.50</td><td>0.50</td></srl<>	U	<u>I</u>	0.50	0.50
1,4-Dichlorobenzene	SRL SRL	Ü	- 1	0.50	<srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<>	U		0.50	0.50
1,2-Dichlorobenzene	SRL SRL	Ü	1		<srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<>	U		0.50	0.50
1,2,4-Trichlorobenzene	SRL SRL	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	SRL SRL	U.	1		<srl< td=""><td>U</td><td></td><td>0,50</td><td>- 0.50</td></srl<>	U		0,50	- 0.50
BFB-Surrogate Std. % Recovery	-SKL	98%		0.50	<srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<>	U		0.50	0.50
U - Compound was not detected at or above to	ha CDI	98%	~ ************************************			99%			70-130%



Laboratory Analysis Report

CLIENT: SCS Engineers

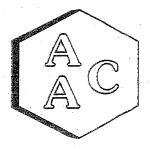
PROJECT NO: 232137 MATRIX : AIR

UNITS: PPB (v/v)

DATE REPORTED: 10/19/2023

ANALYST: DL/CH

Client ID		S End Line	oln	1		MS-12		F = -	
AAC ID		232137-502	216	Sample		232137-502		Sample	Method
Date Sampled		10/17/202	3	Reporting		10/17/202		Reporting	Reporting
Date Analyzed		10/18/202	3	Limit		10/18/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>28.1</td><td></td><td>1.</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	28.1		1.	1.00	1.00
Dichlorodifluoromethane	0.52		1	0.50	0.54	i ·	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	· U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	37.5		1	5.00	36.5		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>_ · U</td><td>1</td><td>0.50</td><td><srl< td=""><td>·U</td><td>, 1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	_ · U	1	0.50	<srl< td=""><td>·U</td><td>, 1</td><td>0,50</td><td>0.50</td></srl<>	·U	, 1	0,50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	· U	1	0.50	0.50
Ethanol	31.9		1	2.00	232		25	50.0	2.00
Vinyl Bromide	<srl< td=""><td>Ū</td><td>1 .</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1 .	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	21.3		1	2.00	25.4		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	4.73		1	2.00	4.78		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>. U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>. U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	. U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>. U .</td><td>1</td><td>2.00</td><td>2,00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>. U .</td><td>1</td><td>2.00</td><td>2,00</td></srl<>	. U .	1	2.00	2,00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>·U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>·U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	·U	1	0.50	0.50
1,1-Dichloroethane	- <srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td>33.9</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1 .	0.50	33.9		1	0.50	0.50
Chloroform	<srl< td=""><td>Ū</td><td>-1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>ì</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	-1	0.50	<srl< td=""><td>Ü</td><td>ì</td><td>0.50</td><td>0.50</td></srl<>	Ü	ì	0.50	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.53</td><td></td><td>1.</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.53		1.	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	Ü	ī	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Benzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>6,49</td><td></td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	6,49		i	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232137 MATRIX: AIR

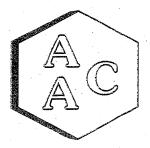
UNITS: PPB (v/v)

DATE RECEIVED: 10/17/2023

DATE REPORTED: 10/19/2023

ANALYST: DL/CH

Client ID	T	S End Linc	oln		1.8710.411	MS-12		1	
AAC ID	1	232137-502		Sample		232137-502	217	Sample	Method
Date Sampled		10/17/202		Reporting		10/17/202		Reporting	
Date Analyzed		10/18/202		Limit		10/18/202		Limit	Reporting
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>9.54</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	9.54		1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>. 0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>. 0.50</td></srl<>	U	1	0.50	. 0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>บ</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>. 1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	บ	1	2.00	<srl< td=""><td>U</td><td>. 1</td><td>2.00</td><td>2.00</td></srl<>	U	. 1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>ĺ</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>ĺ</td><td>0.50</td><td>0.50</td></srl<>	Ü	ĺ	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>17.3</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	17.3		1	0.50	0.50
Heptane	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>5.42</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0,50	5.42		1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>î</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ü</td><td>î</td><td>2.00</td><td>2.00</td></srl<>	Ü	î	2.00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U .	1	0.50	<srl< td=""><td>Ŭ.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ.	1	0.50	0.50
Toluene	21.4		1	0.50	29.4	<u> </u>	1 .	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>i</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ü</td><td>i</td><td>2.00</td><td>2.00</td></srl<>	Ü	i	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Ethylbenzene	0.83		1	- 0.50	1.04	-	1	0.50	0.50
m & p-Xylene	1.08		1	1.00	1.94		1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Styrene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	Ü	. 1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td><srl< td=""><td>Ŭ.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	î	0.50	<srl< td=""><td>Ŭ.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ.	1	0.50	0.50
o-Xvlene	<srl< td=""><td>Ŭ.</td><td>1</td><td>0.50</td><td>0.63</td><td></td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ.	1	0.50	0.63		i	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td><srl< td=""><td>IJ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	î	0.50	<srl< td=""><td>IJ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	IJ	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>. Ü</td><td>î</td><td>0.50</td><td><srl< td=""><td>ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	. Ü	î	0.50	<srl< td=""><td>ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	ŭ	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl'< td=""><td>Ü</td><td>î</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl'<>	Ü	î	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td><srl< td=""><td>Ŭ l</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	î	0.50	<srl< td=""><td>Ŭ l</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ l	i	0.50	0.50
1,4-Dichlorobenzene	SRL	Ü	1	0.50	<srl< td=""><td>U</td><td>+ 1</td><td>0.50</td><td>0.50</td></srl<>	U	+ 1	0.50	0.50
1,2-Dichlorobenzene	SRL SRL	U	1	0.50	<srl< td=""><td>Ü</td><td></td><td>0.50</td><td>0.50</td></srl<>	Ü		0.50	0.50
1,2,4-Trichlorobenzene	SRL	Ü	1	0.50	<srl< td=""><td>ŭ l</td><td>· · · · · · · · · · · · · · · · · · ·</td><td>0.50</td><td>0.50</td></srl<>	ŭ l	· · · · · · · · · · · · · · · · · · ·	0.50	0.50
Hexachlorobutadiene	SRL SRL	TI I	1	0.50	<srl< td=""><td>11</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	11	1	0.50	0.50
BFB-Surrogate Std. % Recovery	† ***	97%	***************************************	0,50	SOICE	97%		0,30	70-130%
U - Compound was not detected at or above	the SRI			<u> · </u>		21/0	******		10-130/0



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232137 MATRIX : AIR

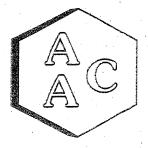
UNITS: PPB (v/v)

DATE RECEIVED: 10/17/2023

DATE REPORTED: 10/19/2023

ANALYST: DL/CH.

	MS-08	*-			MS-09			
						19		Method
	10/17/202	3	1 4 9.1		10/17/202	3		Reporting
· ·	10/18/202	3	Limit		10/18/202	3	Limit	Limit
	1.00		(SRL)		1.00		(SRL)	
Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
	U	1		<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
0.54		1	0.50	0.56		1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
30.6		1	5.00	32.7		1	5.00	5.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>·U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	·U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>· <srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	· <srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	U	. 1	0.50	0.50
38.2		1	2.00	34.0		1.		2.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
21.0		1				1		2.00
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td>Ū</td><td>1</td><td></td><td>0.50</td></srl<>	U	1			Ū	1		0.50
3.73		1	2.00	4.80		1		2.00
<srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>. 0.50</td></srl<></td></srl<>	U	1 .	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>. 0.50</td></srl<>	U	1		. 0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td>U</td><td>i</td><td></td><td>0.50</td></srl<>	U	1	0.50		U	i		0.50
<srl< td=""><td>Ü</td><td>- 1</td><td>1.00</td><td></td><td>Ü</td><td>1</td><td></td><td>1.00</td></srl<>	Ü	- 1	1.00		Ü	1		1.00
<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U ·</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U ·</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U ·	1	2.00	2.00
<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U .	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
<srl< td=""><td>Ŭ .</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ .	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
<srl< td=""><td>Ū</td><td>1 .</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1 .	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
<srl< td=""><td>U</td><td>1</td><td>2.00</td><td></td><td></td><td>i i</td><td></td><td>2.00</td></srl<>	U	1	2.00			i i		2.00
<srl< td=""><td>). U</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>). U	1	0.50			1		0.50
<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td></td><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50		Ü	1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td></td><td>0.50</td></srl<>	Ü	i		0.50
<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
<srl< td=""><td>Ü</td><td>1</td><td></td><td></td><td></td><td>i</td><td></td><td>0.50</td></srl<>	Ü	1				i		0.50
<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td></td><td>Ü</td><td>i</td><td></td><td>0.50</td></srl<>	Ü	ī	0.50		Ü	i		0.50
		1				<u>î</u>		0.50
<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1 - 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1 - 1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1 - 1	0.50	0.50
	Result SRL S	232137-502 10/17/202 10/17/202 10/18/202 1.00 Result Qualifier SRL U 232137-50218 10/17/2023 10/18/2023 1.00 Result	Color	10/17/2023 10/17/2023 10/18/2023 Limit 1.00 (SRL)	232137-50218 Reporting 10/17/2023 10/18/2023 1.00 (SRL) 1.00 (SRL) 1.00 (SRL) 1.00 (SRL) (SR	Company	Sample	



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232137 MATRIX: AIR

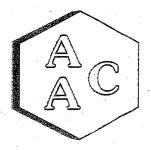
UNITS: PPB (v/v)

DATE RECEIVED: 10/17/2023

DATE REPORTED: 10/19/2023

ANALYST: DL/CH

Client ID		MS-08		Ι		MS-09		T	,
AAC ID		232137-502	218	Sample	7	232137-502	219	Sample	Method
Date Sampled		10/17/202	3	Reporting		10/17/202		Reporting	Reporting
Date Analyzed		10/18/202	3	Limit		10/18/202		Limit	
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U -</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U -	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>i</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.00	<srl< td=""><td>U</td><td>i</td><td>2.00</td><td>2.00</td></srl<>	U	i	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>. U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>Î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	. U	1	0.50	<srl< td=""><td>Ü</td><td>Î</td><td>0.50</td><td>0.50</td></srl<>	Ü	Î	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Heptane	<srl< td=""><td>Ü</td><td>1</td><td>0.50.</td><td><srl< td=""><td>· Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50.	<srl< td=""><td>· Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	· Ü	î	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>î î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>î î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	î î	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>2,00</td><td><srl< td=""><td>. Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2,00	<srl< td=""><td>. Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	. Ü	1	2.00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Toluene	21.4		i	0.50	26.2	<u> </u>	i i	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>i</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ū</td><td>i</td><td>2.00</td><td>2.00</td></srl<>	Ū	i	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>. Ū -</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>. Ū -</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	. Ū -	î	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>· U</td><td>· 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	· 1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ū ·</td><td>1</td><td>0.50</td><td><srl< td=""><td>· Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū ·	1	0.50	<srl< td=""><td>· Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	· Ü	î	0.50	0.50
Ethylbenzene	0.94		1	0.50	0.81		1	0.50	0.50
m & p-Xylene	1.15	~~~	1	1.00	1.14		1	1.00	1.00
Bromoform	<srl< td=""><td>ŢŢ.</td><td>- 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	ŢŢ.	- 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>ŭ</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>ŭ</td><td></td><td>0.50</td><td>0.50</td></srl<>	ŭ		0.50	0.50
o-Xylene	0.50		î	0.50	0.50		1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>î</td><td>0.50</td><td><srl< td=""><td>U ·</td><td>- i - l</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	î	0.50	<srl< td=""><td>U ·</td><td>- i - l</td><td>0.50</td><td>0.50</td></srl<>	U ·	- i - l	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>ii l</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>ii l</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	ii l	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>- SRL</td><td>- ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	- SRL	- ŭ	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	SRL	Ü	1	0.50	<srl< td=""><td>ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	ŭ	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>- U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	- U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,4-Dichlorobenzene	SRL SRL	ij		0.50	SRL SRL	· U	1	0.50	0.50
1.2-Dichlorobenzene	SRL SRL	Ü		0.50	<srl< td=""><td><u> </u></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	<u> </u>	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>$\frac{0}{0}$</td><td></td><td>0.50</td><td>SRL SRL</td><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	$\frac{0}{0}$		0.50	SRL SRL	Ü	1	0.50	0.50
Hexachlorobutadiene	SRL SRL	11	1	0.50	<srl <srl< td=""><td>II .</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></srl 	II .	<u> </u>	0.50	0.50
BFB-Surrogate Std. % Recovery	-SICL	97%		0.00	_>SKL	100%		0.30	
U - Compound was not detected at or above to	the CDI	27.70				100% 1			70-130%



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232137 MATRIX: AIR

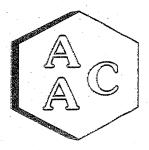
UNITS: PPB (v/v)

DATE RECEIVED: 10/17/2023

DATE REPORTED: 10/19/2023

ANALYST: DL/CH

Client ID AAC ID Date Sampled Date Analyzed		SCV 232137-502 10/17/202 10/18/202	:3	Sample Reporting Limit		MS-10 232137-502 10/17/202 10/18/202	3	Sample Reporting Limit	Method Reporting
Can Dilution Factor Compound	Result	1.00 Qualifier	Analysis DF	(SRL) (MRLxDF's)	Result	1.00 Oualifier	Analysis DF	(SRL) (MRLxDF's)	(MRL)
Chlorodifluoromethane	<srl< th=""><th>U</th><th>1</th><th>0.50</th><th><srl< th=""><th>U</th><th>Analysis DI</th><th>0.50</th><th>0.50</th></srl<></th></srl<>	U	1	0.50	<srl< th=""><th>U</th><th>Analysis DI</th><th>0.50</th><th>0.50</th></srl<>	U	Analysis DI	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Dichlorodifluoromethane	0.55		1	0.50	0.52	<u> </u>	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>· i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>· i</td><td>0.50</td><td>0.50</td></srl<>	U	· i	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>i i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i i	0.50	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1 1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>- SRL</td><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	- SRL	Ü	1	0.50	0.50
Methanol	25.0		l î	5.00	34.3		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>l i</td><td>0.50</td><td><srl< td=""><td>IJ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	l i	0.50	<srl< td=""><td>IJ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	IJ	1	0.50	0.50
Bromomethane	<srl< td=""><td>Ü</td><td>ĺ</td><td>0.50</td><td><srl< td=""><td>Ü.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	ĺ	0.50	<srl< td=""><td>Ü.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü.	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ū</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>Ū</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	Ū	<u> </u>	0.50	0.50
Ethanol	27.8		i	2.00	29.4		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>î</td><td>0.50</td><td><srl< td=""><td>. U</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	î	0.50	<srl< td=""><td>. U</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	. U	î	0.50	0.50
Acetone	21.8		i	2.00	26.3		î	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	i	0.50	0.50
2-Propanol (IPA)	4.05		1	2.00	4.57		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	i	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ù</td><td>1</td><td>- 1.00</td><td><srl< td=""><td>Ŭ</td><td>î</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ù	1	- 1.00	<srl< td=""><td>Ŭ</td><td>î</td><td>1.00</td><td>1.00</td></srl<>	Ŭ	î	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>- î</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>- î</td><td>1.00</td><td>1.00</td></srl<>	Ü	- î	1.00	1.00
Carbon Disulfide	<srl< td=""><td>· U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ŭ</td><td>î</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	· U	1	2.00	<srl< td=""><td>Ŭ</td><td>î</td><td>2.00</td><td>2.00</td></srl<>	Ŭ	î	2.00	2.00
Frichlorotrifluoroethane	· <srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>. IJ</td><td>· 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>. IJ</td><td>· 1</td><td>0.50</td><td>0.50</td></srl<>	. IJ	· 1	0.50	0.50
rans-1,2-Dichloroethene	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>IJ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>IJ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	IJ	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 1	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td><u> 1</u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td><u> 1</u></td><td>0.50</td><td>0.50</td></srl<>	Ü	<u> 1</u>	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ŭ.</td><td>i</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>Ŭ.</td><td>i</td><td>1.00</td><td>1.00</td></srl<>	Ŭ.	i	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū ·</td><td>i</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ū ·</td><td>i</td><td>2.00</td><td>2.00</td></srl<>	Ū ·	i	2.00	2.00
is-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Hexane	<srl< td=""><td>U</td><td><u>i</u></td><td>0.50</td><td><srl< td=""><td>- ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	<u>i</u>	0.50	<srl< td=""><td>- ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	- ŭ	î	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1 , 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1 , 1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1 , 1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>Ū</td><td>- 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	- 1	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	î	0.50	0.50
,1,1-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>, U</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>, U</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	, U	i i	0.50	0.50
Benzene	<srl< td=""><td>· U</td><td>ī</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	ī	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232137 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 10/17/2023

DATE REPORTED: 10/19/2023

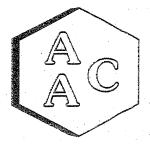
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		SCV	120	Sample		MS-10		Sample	
AAC ID Date Sampled		232137-502 10/17/202		Reporting	·	232137-502		Reporting	Method
Date Samplea Date Analyzed				Limit	<u> </u>	10/17/202		,	Reporting
Can Dilution Factor	+	10/18/202 1,00	3	(SRL)		10/18/202 1.00	3	Limit	Limit
			 	(SKL) (MRLxDF's)		1	7	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MKLXDF'S)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>. 0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>. 0.50</td></srl<>	U	1	0.50	. 0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	0.65		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	. 1	0.50	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	· U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>Î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U.	1	0.50	<srl< td=""><td>U</td><td>Î</td><td>0.50</td><td>0.50</td></srl<>	U	Î	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>IJ.</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	IJ.	i	0.50	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	î	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	. 1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Toluene	15.0		1	0.50	18.9		î	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>i</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	i	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū -</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū -</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ū -	î	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ ·</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>Ŭ ·</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ ·	i	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>ŭ</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>ŭ</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	ŭ	<u> </u>	0.50	0.50
Ethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>- 0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	- 0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
m & p-Xylene	<srl< td=""><td>Ü</td><td>î</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	î	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Bromoform	<srl< td=""><td>Ū.</td><td>î</td><td>0.50</td><td><srl< td=""><td>IJ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū.	î	0.50	<srl< td=""><td>IJ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	IJ	1	0.50	0.50
Styrene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
o-Xylene	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	î	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
4-Ethyltoluene	SRL	Ŭ.	1.	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td><srl< td=""><td>Ŭ.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	î	0.50	<srl< td=""><td>Ŭ.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ.	1	0.50	0.50
1,2,4-Trimethylbenzene	SRL SRL	Ŭ	-1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzyl Chloride (á-Chlorotoluene)	SRL SRL	Ü	1	0.50	<srl< td=""><td>Ü</td><td>- 1</td><td>0.50</td><td>0.50</td></srl<>	Ü	- 1	0.50	0.50
1,3-Dichlorobenzene	SRL SRL	Ü	i	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,4-Dichlorobenzene	SRL SRL	Ü		0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dichlorobenzene	SRL SRL	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2,4-Trichlorobenzene	SRL SRL	Ü		0.50	<srl< td=""><td>- ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	- ŭ	1	0.50	0.50
Hexachlorobutadiene	SRL SRL	- ii -	1 1	0.50	SRL SRL	Ü	1	0.50	0.50
BFB-Surrogate Std. % Recovery	, SKL	99%		0.30	-SKL	97%		0.30	70-130%
L. C-	d ODI	7770				9/%			/0-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232137 MATRIX: AIR

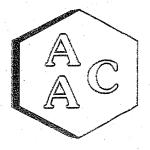
UNITS: PPB (v/v)

DATE RECEIVED: 10/17/2023

DATE REPORTED: 10/19/2023

ANALYST: DL/CH

Client ID		MS-06				MS-11			
AAC ID		232137-502	222	Sample		232137-502	223	Sample	Method
Date Sampled		10/17/202	3	Reporting		10/17/202		Reporting	Reporting
Date Analyzed		10/18/202	23	Limit		10/18/202		Limit	
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	U	1 1	0.50	0.50
Propene	<srl< td=""><td>Ū</td><td>1-</td><td>1.00</td><td><srl< td=""><td>U</td><td>î</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1-	1.00	<srl< td=""><td>U</td><td>î</td><td>1.00</td><td>1.00</td></srl<>	U	î	1.00	1.00
Dichlorodifluoromethane	0.60		1	0.50	0.53		1	0.50	0.50
Chloromethane	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>ĺ</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>U</td><td>ĺ</td><td>0.50</td><td>0.50</td></srl<>	U	ĺ	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü.</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü.</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ü.	i i	0.50	0.50
Vinyl Chloride	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Methanol	24.6		1	5.00	20.2	 	i	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>· [J]</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>· [J]</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	· [J]	i	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>i</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>i</td><td>1.00</td><td>1.00</td></srl<>	Ü	i	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>Ü.</td><td>1</td><td>0.50</td><td>·<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü.	1	0.50	· <srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethanol	27.6		1	2.00	19.9		.1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	i	0.50	0.50
Acetone	14.9		1	2.00	12.0		î	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	U	î	0.50	0.50
2-Propanol (IPA)	3.36		1	2.00	≪SRL	Ü.	1	2.00	2.00
Acrylonitrile	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 .	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>- 1.00</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	- 1.00	<srl< td=""><td>Ŭ</td><td>i</td><td>1.00</td><td>1.00</td></srl<>	Ŭ	i	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>· i</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>· i</td><td>1.00</td><td>1.00</td></srl<>	U	· i	1.00	1.00
Carbon Disulfide	<srl< td=""><td>Ü</td><td>i</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>î</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	i	2.00	<srl< td=""><td>Ü</td><td>î</td><td>2.00</td><td>2.00</td></srl<>	Ü	î	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ü</td><td>ĺ</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	ĺ	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	î	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>· <srl< td=""><td>· U</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	· <srl< td=""><td>· U</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	· U	i i	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>.0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>.0.50</td></srl<>	Ü	1	0.50	.0.50
Vinyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>î</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>Ū</td><td>î</td><td>1.00</td><td>1.00</td></srl<>	Ū	î	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü.</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ü.</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü.	1	2.00	2.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Iexane	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>ij</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>ij</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	ij	i	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td><srl< td=""><td>ŭ l</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	î	0.50	<srl< td=""><td>ŭ l</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	ŭ l	i	0.50	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>. Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>. Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	. Ŭ	î	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>• 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>• 1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	• 1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	î	0.50	0.50
Benzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232137 MATRIX: AIR

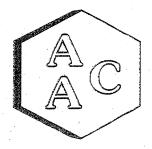
UNITS: PPB (v/v)

DATE RECEIVED: 10/17/2023

DATE REPORTED: 10/19/2023

ANALYST: DL/CH

Client ID MS-06						MS-11	T		
AAC ID	232137-50222 10/17/2023 10/18/2023 1.00			Sample Reporting Limit (SRL)	232137-50223 10/17/2023 10/18/2023			Sample Reporting Limit	Method
Date Sampled									Reporting
Date Analyzed									
Can Dilution Factor						1.00	(SRL)	Limit	
Compound		(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)		
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	SRL <	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>. U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0:50</td><td>0.50</td></srl<></td></srl<>	. U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0:50</td><td>0.50</td></srl<>	U	1	0:50	0.50
Bromodichloromethane	<srl< td=""><td>Ū٠</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū٠	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td>· <srl< td=""><td>U</td><td>. 1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ŭ	1	2.00	· <srl< td=""><td>U</td><td>. 1</td><td>2.00</td><td>2.00</td></srl<>	U	. 1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>· U</td><td>i</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>· U</td><td>i</td><td>2.00</td><td>2.00</td></srl<>	· U	i	2.00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>. 0.50</td><td><srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	. 0.50	<srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i i	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Toluene	17.0		1	0.50	14.1		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü -</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü -</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü -	i	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	i	0.50	0.50
Ethylbenzene	<srl< td=""><td>· U</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1.</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>i</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1.	1.00	<srl< td=""><td>Ü</td><td>i</td><td>1.00</td><td>1.00</td></srl<>	Ü	i	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>· U</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>· U</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	· U	i	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>. 0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>. 0.50</td><td>0.50</td></srl<>	U	1	. 0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>·U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	·U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<>	Ü	1 .	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>ı</td><td>0.50</td><td><srl< td=""><td>Ū i</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	ı	0.50	<srl< td=""><td>Ū i</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ū i	i i	0.50	0.50
BFB-Surrogate Std. % Recovery		96%	\			- 98%			70-130%
U - Compound was not detected at or above the	ie SRL.							**************************************	



Laboratory Analysis Report

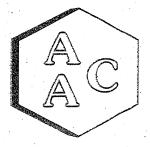
CLIENT: SCS Engineers **PROJECT NO: 232137**

MATRIX : AIR UNITS: PPB (v/v) DATE RECEIVED: 10/17/2023

DATE REPORTED: 10/19/2023

ANALYST: DL/CH

Client ID		MS-05 232137-50224 10/17/2023 10/18/2023 1.00				MS-04	Sample	Method	
AAC ID						232137-502			
Date Sampled					10/17/2023 10/18/2023 1.00			Reporting Limit (SRL)	Reporting Limit
Date Analyzed									
Can Dilution Factor Compound									
	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.57</td><td></td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.57		i i	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>.1</td><td>0.50</td><td><srl< td=""><td>U</td><td>Ī.</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	.1	0.50	<srl< td=""><td>U</td><td>Ī.</td><td>0.50</td><td>0.50</td></srl<>	U	Ī.	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	. 1	0.50	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	i	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	U	i i	0.50	0.50
Methanol	42.8		1	5.00	40.3		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	U	î	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>î î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î î	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Ethanol	52.7		i	2.00	36.5		î	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Acetone	34.3		i i	2.00	20.7	<u> </u>	1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U .	1	0.50	<srl< td=""><td>Ū</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ū	î	0.50	0.50
2-Propanol (IPA)	7.83		1	2.00	5.73		î	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	i	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U ·</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>î</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U ·	1	1.00	<srl< td=""><td>Ü</td><td>î</td><td>1.00</td><td>1.00</td></srl<>	Ü	î	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>i</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>i</td><td>1.00</td><td>1.00</td></srl<>	Ü	i	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ŭ</td><td>i</td><td>2.00</td><td>2.00</td></srl<>	Ŭ	i	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>· U</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	. 1	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>· U</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>ŭ</td><td>i i</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>ŭ</td><td>i i</td><td>1.00</td><td>1.00</td></srl<>	ŭ	i i	1.00	1.00
2-Butanone (MEK)	<srl'< td=""><td>Ū</td><td>i</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl'<>	Ū	i	2.00	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>- ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>- ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	- ŭ	1	0.50	0.50
Iexane	<srl< td=""><td>Ŭ.</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ.	i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Chloroform .	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>- ŭ -</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>- ŭ -</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	- ŭ -	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>ŭ l</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>ŭ l</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	ŭ l	i	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ū</td><td>· i l</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	· i l	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
,2-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.66</td><td><u> </u></td><td></td><td>0.50</td><td>0.50</td></srl<>	Ü	 i	0.50	0.66	<u> </u>		0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232137 MATRIX : AIR

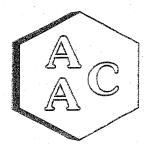
UNITS: PPB (v/v)

DATE RECEIVED: 10/17/2023

DATE REPORTED: 10/19/2023

ANALYST: DL/CH

Client ID	T	MS-05		Ι		MS-04	* * * * * * * * * * * * * * * * * * * *		
AAC ID		232137-502	24	Sample	232137-50225 10/17/2023		225	Sample	Method
Date Sampled		10/17/202	3	Reporting			Reporting	Reporting	
Date Analyzed		10/18/202	3	Limit		10/18/202		Limit	
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Cyclohexane	<srl< td=""><td>Ü</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>Î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	. 1	0.50	<srl< td=""><td>Ü</td><td>Î</td><td>0.50</td><td>0.50</td></srl<>	Ü	Î	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.54</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.54		1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	U	î	0.50	0.50
1,4-Dioxane	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1.</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.00	<srl< td=""><td>Ü</td><td>1.</td><td>2.00</td><td>2.00</td></srl<>	Ü	1.	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1 .	0.50	0.50
Heptane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ü</td><td>i i</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	i i	2.00	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ü</td><td>· i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	· i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Toluene	41.7		i	0.50	26.0	<u> </u>	1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td><u> </u></td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	<u> </u>	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>Ü</td><td>' '</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>+ +</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	' '	0.50	<srl< td=""><td>Ü</td><td>+ +</td><td>0.50</td><td>0.50</td></srl<>	Ü	+ +	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū -</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū -</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū -	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>· Ü</td><td>· 1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· Ü	· 1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü .</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü .</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü .	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>- 0.50</td><td>0.76</td><td>0</td><td></td><td>0.50</td><td>0.50</td></srl<>	Ü	1	- 0.50	0.76	0		0.50	0.50
m & p-Xylene	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.05</td><td></td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.05		1	1.00	1.00
Bromoform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Styrene	<srl< td=""><td>Ü Ü</td><td>1</td><td>0.50</td><td>SRL</td><td>Ü</td><td>1</td><td></td><td></td></srl<>	Ü Ü	1	0.50	SRL	Ü	1		
1,1,2,2-Tetrachloroethane	SRL SRL	Ü	1	0.50	<srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<>	U		0.50	0.50
o-Xylene	<srl< td=""><td>U I</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U I	1	0.50	<srl< td=""><td>Ü</td><td></td><td>0.50</td><td>0.50</td></srl<>	Ü		0.50	0.50
4-Ethyltoluene	SRL SRL	U U	1	0.50	SRL SRL	U		0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>II I</td><td>1</td><td>0.50</td><td><srl< td=""><td>U U</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	II I	1	0.50	<srl< td=""><td>U U</td><td></td><td>0.50</td><td>0.50</td></srl<>	U U		0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U I</td><td>1</td><td>0.50</td><td>SRL SRL</td><td>U I</td><td></td><td>0.50</td><td>0.50</td></srl<>	U I	1	0.50	SRL SRL	U I		0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	SRL SRL	U					1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U U</td><td>1</td><td>0.50</td><td><srl< td=""><td>. U</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U U	1	0.50	<srl< td=""><td>. U</td><td></td><td>0.50</td><td>0.50</td></srl<>	. U		0.50	0.50
1,4-Dichlorobenzene	SRL SRL	II.	I	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dichlorobenzene	SRL SRL	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trichlorobenzene				0.50	<srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<>	U		0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>. U</td><td></td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	. U		0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	<srl< td=""><td>U</td><td></td><td>0,50</td><td><srl< td=""><td>U.</td><td>11</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U		0,50	<srl< td=""><td>U.</td><td>11</td><td>0.50</td><td>0,50</td></srl<>	U.	11	0.50	0,50
BFB-Surrogate Std. % Recovery U - Compound was not detected at or above to	687	96%				101%			70-130%



Laboratory Analysis Report

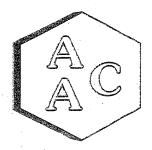
CLIENT: SCS Engineers PROJECT NO: 232137

MATRIX : AIR UNITS : PPB (v/v) **DATE RECEIVED: 10/17/2023**

DATE REPORTED: 10/19/2023

ANALYST: DL/CH

Client ID	T	Reaction		Comple		MS-02			
AAC ID		232137-502	226	Sample	232137-50227 10/17/2023			Sample	Method
Date Sampled		10/17/202		Reporting				Reporting Reporting	
Date Analyzed		10/18/202	.3	Limit		10/18/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	3.46		1	1.00	<srl< td=""><td>· Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	· Ü	1	1.00	1.00
Dichlorodifluoromethane	0.56		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>. 0.50</td></srl<>	U	1	0.50	. 0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü .</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü .</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü .	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	39.1		- 1	5.00	38.5		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	i	0.50	0.50
Chloroethane	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>. 1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>. 1</td><td>1.00</td><td>1.00</td></srl<>	U	. 1	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
Ethanol	32.1		1	2.00	46.3		1.	2.00	2.00
Vinyl Bromide	<srl< td=""><td>Ü .</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü .	1	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
Acetone	. 23.7		1	2.00	21.4		î	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
2-Propanol (IPA)	7.04		1	2.00	5.51		î	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0,50</td></srl<>	Ü	î	0.50	0,50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>ij</td><td>î</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>ij</td><td>î</td><td>1.00</td><td>1.00</td></srl<>	ij	î	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>î</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>î</td><td>1.00</td><td>1.00</td></srl<>	Ü	î	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ŭ</td><td></td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ŭ</td><td></td><td>2.00</td><td>2.00</td></srl<>	Ŭ		2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i i	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1.</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1.	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>i</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.00	<srl< td=""><td>Ü</td><td>i</td><td>2.00</td><td>2.00</td></srl<>	Ü	i	2.00	2.00
cis-1,2-Dichloroethene	SRL <	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>SRL</td><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	SRL	Ü	i	0.50	0.50
Chloroform	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>Ŭ:</td><td>i</td><td>0.50</td><td>0.57</td><td></td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ:	i	0.50	0.57		i	0.50	0.50
Tetrahydrofuran	1.20		1	0.50	<srl< td=""><td>. U</td><td>·î</td><td>0.50</td><td>0.50</td></srl<>	. U	·î	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Benzene	2.72		1 1	0.50	<srl< td=""><td>- ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	- ŭ	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232137 MATRIX : AIR

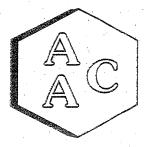
UNITS: PPB (v/v)

DATE RECEIVED: 10/17/2023

DATE REPORTED: 10/19/2023

ANALYST: DL/CH

Client ID		Reaction	1	T		MS-02		1	
AAC ID		232137-502	226	Sample	232137-50227 10/17/2023		Sample	Method	
Date Sampled		10/17/202	23	Reporting			Reporting	Reporting	
Date Analyzed		10/18/202	3	Limit		10/18/202		Limit	
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	U	ī	0.50	0.50
1,2-Dichloropropane	0.57		1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1.</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1.</td><td>0.50</td><td>0.50</td></srl<>	U	1.	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>i</td><td>2,00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ü</td><td>i</td><td>2,00</td><td>2.00</td></srl<>	Ü	i	2,00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Heptane	0.59		1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 .	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ŭ</td><td>i</td><td>2.00</td><td>2.00</td></srl<>	Ŭ	i	2.00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	. 1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ū.</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ū.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū.	i	0.50	<srl< td=""><td>Ū.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū.	1	0.50	0.50
Toluene	20.1		Î	0.50	22.6		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>IJ</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	IJ	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>Ū</td><td>î</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	î	0.50	<srl< td=""><td>Ŭ</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1 .	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ -</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ -</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ -	i	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ū</td><td>Î</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	Î	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Ethylbenzene	0.80		1	0.50	0.81		î	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.09</td><td></td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.09		1	1.00	1.00
Bromoform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Styrene	· <srl< td=""><td>Ü.</td><td>î</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü.	î	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>IJ</td><td>î</td><td>0.50</td><td><srl< td=""><td>U l</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	IJ	î	0.50	<srl< td=""><td>U l</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U l	i	0.50	0.50
o-Xvlene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.51</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.51		1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	 	0.50	0.50
1,2,4-Trimethylbenzene	SRL SRL	- U	i	0.50	<srl< td=""><td>Ū</td><td></td><td>0.50</td><td>0.50</td></srl<>	Ū		0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	SRL SRL	Ü		0.50	<srl< td=""><td>Ti I</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ti I	1	0.50	0.50
1,3-Dichlorobenzene	SRL SRL	ŭ	· i	0.50	SRL SRL	u	1	0.50	0.50
1,4-Dichlorobenzene	SRL /	U	- i	0.50	SRL SRL	Ü		0.50	.0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>SRL SRL</td><td>U</td><td>- 1 - 1</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	SRL SRL	U	- 1 - 1	0.50	0.50
1,2,4-Trichlorobenzene	SRL SRL	Ü	1	0.50	<srl< td=""><td>- ŭ -l</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	- ŭ - l	1	0.50	0.50
Hexachlorobutadiene	SRL SRL	II I		0.50	SRL SRL	- II -	1	0.50	0.50
BFB-Surrogate Std. % Recovery	1 1010	97%		0.50	-SKL I	98%		0.30 [70-130%
U - Compound was not detected at or above	the SRI	37/0				9070			/0-130%



Laboratory Analysis Report

CLIENT: SCS Engineers PROJECT NO: 232137

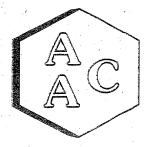
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/17/2023

DATE REPORTED: 10/19/2023

ANALYST : DL/CH

Client ID		Working Fa		Sample		MS-03		Sample	
AAC ID		232137-502		Reporting	232137-50229 10/17/2023			Reporting	Method
Date Sampled	<u> </u>	10/17/202							Reporting
Date Analyzed		10/18/202	3	Limit		10/18/202	3	Limit	Limit
Can Dilution Factor		1.00	<u>,</u>	SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	· /.
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	0.55		1	0.50	0.53		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	37.7		1	5.00	23.9		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	· U	1	0.50	0.50
Ethanol	36.2		1	2.00	30.0		1	2,00	2.00
Vinyl Bromide	<srl< td=""><td>.U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	.U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	17.3		1	2.00	13.1		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü.	1	0.50	0.50
2-Propanol (IPA)	5.58		1 1	2.00	3.21		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	U	. 1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ü -</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū.</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü -	1	1.00	<srl< td=""><td>Ū.</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū.	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>Ū.</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū.	1	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td><srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U .	1	0.50	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U.	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<>	U	1 .	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>Ü</td><td>1</td><td>2,00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1	2,00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexane	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Chloroform	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Ethyl Acetate	<srl< td=""><td>Ŭ.</td><td>• 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ.	• 1	0.50	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	Ü	ī	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	Ü	ī	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
1			•		. ,	·			



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232137 MATRIX: AIR

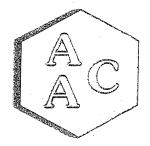
UNITS: PPB (v/v).

DATE RECEIVED: 10/17/2023

DATE REPORTED: 10/19/2023

ANALYST: DL/CH

Client ID		Working F	ace	I . , I		MS-03	10.1		
AAC ID		232137-502		Sample	232137-50229			Sample	Method
Date Sampled		10/17/202	.3	Reporting	10/17/2023		Reporting	Reporting	
Date Analyzed		10/18/202	23	Limit		10/18/202		Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1.</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1.</td><td>0.50</td><td>0.50</td></srl<>	U	1.	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	U	. 1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>. 1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	. 1	0.50	<srl< td=""><td>Ü</td><td>. 1</td><td>0,50</td><td>0.50</td></srl<>	Ü	. 1	0,50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ù ·</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ŭ	1	2.00	<srl< td=""><td>Ù ·</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ù ·	1	2.00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>- 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>- 1</td><td>0.50</td><td>0.50</td></srl<>	U	- 1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ü</td><td>-1</td><td>0.50</td><td><srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	-1	0.50	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	i	0.50	0.50
Toluene	15.7		1	0.50	13.2		i	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū-</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū-</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ū-	i i	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl.< td=""><td>Ū.</td><td>1</td><td>0.50</td><td>0.50</td></srl.<></td></srl<>	U	1	0.50	<srl.< td=""><td>Ū.</td><td>1</td><td>0.50</td><td>0.50</td></srl.<>	Ū.	1	0.50	0.50
Ethylbenzene	0.71		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	1.05		1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ū	î	0.50	0.50
Styrene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>· <srl< td=""><td>Ū.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	· <srl< td=""><td>Ū.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū.	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	î	0.50	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	î	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td><u>n</u>.</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	<u>n</u> .	i	0.50	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	0.50
BFB-Surrogate Std. % Recovery	1 700	98%			5.05	99%		1	70-130%
U - Compound was not detected at or above	the SRL.			·····					



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/18/2023

MATRIX: High Purity N₂

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-03

CALIBRATION STD ID: MS1-051623-01

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 10/09/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recover
4-BFB (surrogate standard)	9.40	9.37	100
Chlorodifluoromethane	10.40	9.66	93
Propene	10.60	10.49	99
Dichlorodifluoromethane	10.40	9.56	92
Dimethyl Ether	10.20	9.18	90
Chloromethane	10.40	10.46	101
Dichlorotetrafluoroethane	10.30	9.63	. 93
Vinyl Chloride	10.50	9.52	91
Acetaldehyde	21.10	18.56	88
Methanol	18.80	18.85	100
1,3-Butadiene	10.60	10.36	.98
Bromomethane	10.40	8.94	86
Chloroethane	10.30	9.78	95
Dichlorofluoromethane	10.20	9.05	89
Ethanol	11.20	11.16	100
Vinyl Bromide	10.10	8.99	89
Acrolein	11.10	10.75	97
Acetone	10.60	10.11	95
richlorofluoromethane	10.50	9.66	92
2-Propanol (IPA)	11.00	10.52	96
Acrylonitrile	11.20	10.33	92
,1-Dichloroethene	10.40	9.19	88
Methylene Chloride (DCM)	10.50	8.87	84
ertButanol (TBA)	11.10	13.86	125
Myl Chloride	10.20	9.13	90
Carbon Disulfide	10.50	9.30	89
richlorotrifluoroethane	10.40	9.63	93
ans-1,2-Dichloroethene	10.60	10,28	97
,1-Dichloroethane	10.50	9.76	93
fethyl Tert Butyl Ether (MTBE)	10.50	9.87	94
inyl Acetate	11.00	10.46	95
Butanone (MEK)	10.60	9.83	93
s-1,2-Dichloroethene	10.50	9.87	94
exane	10.70	11.99	112
hloroform	10.60	10.00	94
hyl Acetate	10.60	9.52	90
etrahydrofuran	10.20	9.86	97
2-Dichloroethane	10,50	9.53	91
l,1-Trichloroethane	10.40	10.00	96
enzene	10.60	10.32	97
arbon Tetrachloride	10.20	9.83	96
vclohexane	10.50	10.33	98

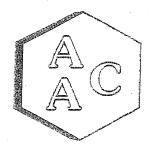
Analyte Compounds (Continued)	Source 1	CCV ²	% Recovery
1,2-Dichloropropane	10.50	10.52	100
Bromodichloromethane	10.40	9.93	95
1,4-Dioxane	10.40	13.16	127
Trichloroethene (TCE)	10.40	9.62	93
2,2,4-Trimethylpentane	10.00	9.44	94
Methyl Methacrylate	11.00	10.67	97
Heptane	10.50	10.66	102
cis-1,3-Dichloropropene	10.40	10.39	100
4-Methyl-2-pentanone (MiBK)	10.40	11.57	111
trans-1,3-Dichloropropene	10.50	10.47	100
1,1,2-Trichloroethane	10.50	10.50	100
Toluene	10.60	11.02	104
2-Hexanone (MBK)	10.50	12.61	120
Dibromochloromethane	10.30	10.13	98 .
1,2-Dibromoethane	10.60	9.97	94
Tetrachloroethene (PCE)	10.40	10.45	100
Chlorobenzene	10.60	10.71	101
Ethylbenzene	10.50	10.68	102
ın & p-Xylene	21.00	21.77	104
Bromoform	10.50	10.67	102
Styrene	10.50	11.10	106
1,1,2,2-Tetrachloroethane	10.50	10.72	102
o-Xylene	10.50	11.14	106
1,2,3-Trichloropropane	11.00	11.19	102
Isopropylbenzene (Cumene)	10.30	10.23	99
α-Pinene	10.70	10.39	97
2-Chlorotoluene	10.30	10.58	103
n-Propylbenzene	10.10	10.21	101.
4-Ethyltoluene	10.30	10.81	105
1,3,5-Trimethylbenzene	. 10.30	10.24	99
3-Pinene	11.00	11.06	101
1,2,4-Trimethylbenzene	10.30	10.46	102
Benzyl Chloride (a-Chlorotoluene)	10.40	10.56	102
,3-Dichlorobenzene	10.40	10.59	102
,4-Dichlorobenzene	10.30	10.52	102
Sec-ButylBenzene	10.10	9.82	97
,2-Dichlorobenzene	10,60	10.50	99
-ButylBenzene	10.20	10.91	107
,2-Dibroino-3-Chloropropane	10.10	10.70	106
,2,4-Trichlorobenzene	11.00	11.89	108
Japhthalene	11.50	13.31	116
lexachlorobutadiene	11.00	10.95	100



¹Concentration of analyte compound in certified source standard.

² Measured result from daily Continuing Calibration Verification (CCV).

³ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/18/2023

MATRIX: High Purity N2

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-03

CALIBRATION STD ID: MS1-051623-01

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

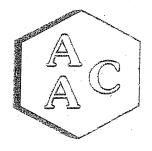
System Monitoring Compounds	Sample	Spike	LCS 1	LCSD 1	LCS ¹	LCSD 1	?
	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	RPD^3
4-BFB (surrogate standard)	0.0	9.40	9.37	9.25	100	98	1.3
1,1-Dichloroethene	0.0	10.40	9.19	8.95	88	86	2.6
Methylene Chloride (DCM)	0.0	10.50	8.87	8.83	84	84	0.5
Benzene	0.0	10.60	10.32	10.28	97	97	0.4
Trichloroethene (TCE)	0.0	10.40	9.62	9.89	93	95	2.8
Toluene	0.0	10.60	11.02	10.90	104	103	1.1
Tetrachloroethene (PCE)	0.0	10.40	10.45	10.27	100	99	1.7
Chlorobenzene	0.0	10.60	10.71	10.36	101	98	3.3
Ethylbenzene	0.0	10.50	10.68	10.64	102	101	0.4
n & p-Xylene	0.0	21.00	21.77	21.85	104	104	0.4
-Xylene	0.0	10.50	11.14	10.99	106	105	1.4

¹Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)



² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/18/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity He or N2

ANALYST : DL

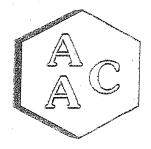
UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 101823	Reporting Limit (RL)
4-BFB (surrogate standard)	96%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	- <rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5
Allyl Chloride	<rl< td=""><td>1.0</td></rl<>	1.0
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	· <rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>1.0</td></rl<>	1.0
2-Butanone (MEK)	<rl< td=""><td>1.0</td></rl<>	1.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
l'etrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0.5</td></rl<>	0.5
Cyclohexane	<rl< td=""><td>0.5</td></rl<>	0.5

Analyte Compounds (Continued	MB 10182	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>2.0</td></rl<>	2.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>1.0</td></rl<>	1.0
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>2.0</td></rl<>	2.0
Dibromochloromethane	- <rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromofonn	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene .	<rl< td=""><td>1.0</td></rl<>	1.0
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene 1,2-Dichlorobenzene 1-ButylBenzene 1,2-Dibromo-3-Chloropropane 1,2,4-Trichlorobenzene Naphthalene	<rl <rl="" <rl<="" td=""><td>0.5 0.5 0.5 0.5 0.5 1.0</td></rl>	0.5 0.5 0.5 0.5 0.5 1.0



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/18/2023

MATRIX : Air

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-03

ANALYST: DL

DILUTION FACTOR¹: x1

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 231992-49190

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	9.28	9.47	2.0
Chlorodifluoromethane	. <srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Propene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorodifluoromethane	0.53	0.58	9.0
Dimethyl Ether	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorotetrafluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Chloride	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Acetaldehyde	12.7	13.2	4.4
Methanol	10.8	10.5	3.1
1,3-Butadiene	<srl <="" td=""><td><srl< td=""><td>NA</td></srl<></td></srl>	<srl< td=""><td>NA</td></srl<>	NA
Bromomethane .	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethanol	22.0	22.5	2.3
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrolein	1.37	1.42	3.6
Acetone	11:3	12.0	6.3
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Propanol (IPA)	6.05	6.10	0.8
Acrylonitrile	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methylene Chloride (DCM)	<srl< td=""><td>. <srl< td=""><td>NA .</td></srl<></td></srl<>	. <srl< td=""><td>NA .</td></srl<>	NA .
TertButanol (TBA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Allyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Disulfide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
richlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
ans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,1-Dichloroethane	<srl< td=""><td><srl< td=""><td>ÑΑ</td></srl<></td></srl<>	<srl< td=""><td>ÑΑ</td></srl<>	ÑΑ
fethyl Tert Butyl Ether (MTBE)	<srl.< td=""><td><srl< td=""><td>NA</td></srl<></td></srl.<>	<srl< td=""><td>NA</td></srl<>	NA
inyl Acetate	<srl< td=""><td><srl< td=""><td>NA NA</td></srl<></td></srl<>	<srl< td=""><td>NA NA</td></srl<>	NA NA
-Butanone (MEK) J	0.73	0.70	4.2
s-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
exane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
hloroform	<srl< td=""><td><srl< td=""><td>ŊA</td></srl<></td></srl<>	<srl< td=""><td>ŊA</td></srl<>	ŊA
hyl Acetate	2.54	2.74	7.6
etrahydrofuran	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
enzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
rbon Tetrachloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
clohexane	<srl< td=""><td><srl< td=""><td>NA NA</td></srl<></td></srl<>	<srl< td=""><td>NA NA</td></srl<>	NA NA

Analyte Compounds (Continued)	Sample	Duplicat	te RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichloroethene (TCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>NA NA</td></srl<></td></srl<>	<srl< td=""><td>NA NA</td></srl<>	NA NA
Heptane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Toluene	0.88	0.91	3.4
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrachloroethene (PCE)	· <srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethylbenzene	<srl< td=""><td><srl< td=""><td>NA NA</td></srl<></td></srl<>	<srl< td=""><td>NA NA</td></srl<>	NA NA
m & p-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromoform	<srl< td=""><td><srl< td=""><td>. NA</td></srl<></td></srl<>	<srl< td=""><td>. NA</td></srl<>	. NA
Styrene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2,2-Tetrachloroethane	<srl< td=""><td><srl< td=""><td>: NA</td></srl<></td></srl<>	<srl< td=""><td>: NA</td></srl<>	: NA
o-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Isopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>NA NA</td></srl<></td></srl<>	<srl< td=""><td>NA NA</td></srl<>	NA NA
α-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Ethyltoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3,5-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
3-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
ec-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
aphthalene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
exachlorobutadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

J - Estimated value between the detection limit and the minimum reporting limit, shown for duplication purposes only.



² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

232137

CHAIN OF CUSTODY AND ANALYSIS REQUEST -- Chain of Custody is a LEGAL DOCUMENT. Co

Signature:	Print:	Relinquished By	Print: Armando turtado	Relinquished By		client Notes/Special Instructions:		MS-I	MS-06	MS-10	SCY	MS-09	M5-08	MS-12	S End Lincoln	Chiquito Cyn Rd	7	Client Sample Name	Rush 72 h □ Normal	☐ Rush 48 h ☐ 5 Days	Time	PAUL SCHAFER	Project Manager Name	SCS ENGINEERS	Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003
			(3		• ,			50223	50225	50721	50220	50219	81205	50217	30216	30315	50214	Sample ID	Signature:	Print: Hrmando	Sampler Name	01204123	Project Number	Project Name	ing · Phone: 80:
Time	Date	A 7c I auni	- 163 t	Date in i				<									10/17	Sampling Date	Ked of the	orando /	ne A	01204123.21 TASK 22	ber ON / Cont	>	5-650-1642 • 1
Signature:	Received By Print:	Signature:	Print:	0				1259	1224	1205	1133	1120	1056	1043	1023	1008	0953	Sampling Time	Total Control	Hortage		2		CEE 1	mail: info@
			Lackary					+		1	1					7	redlar z	Container Type/Qty		6				-	aaclab.com ·
			som to					*	×	×	×	×	*	х	×	×	×	307.	91 S	ULF	UR				1534 Eastm
								×	*	×	×	×	×	×	×	×	×	ТО-	15 F	ULL	LIS	ST		Analy	an Ave Sui
Time	Date	Time 1774	- 7 ع (2//7/2) Date		□Yes	EDD?													**************************************	·	,			ysis Requested	te A, Ventur
					Wife.														1 200					ă.	a, CA 93003
		· · · · · · · · · · · · · · · · · · ·									ALL STREET						Fileday 2		PO Number		Send Invoice To (Name/Email/Address)	rhuff@scsengineers.com	pschafer@scsengineers.com	Send Report To (Name/Email/Address)	AAC Project No.:

AAC COC Rev 3

Issued 02/04/2021

Page___of_

232137

CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Su	ng · Phone: 805	5-650-1642 · E	mail: info@	aaclab.com ·	1534 Eastn		iite A, Ventura, CA 93003	, CA 93003	AAC Project No.:).:
Client/Company Name	Project Name	•				Analı	ysis Requested		Send Report To	Send Report To (Name/Email/Address)
DOUGH MINISTER	CHIQUITA		OIN OFF					***********	l nechafer@sc	congineers com
PAIJI SCHAFFR	Project Number	ber						•	Pacriater	Pacifater@acacifaticera.com
T TROE OCHTER EIN	01204123	01204123.21 TASK 22	2			ST		***************************************	rhuff@scsen	rhuff@scsengineers.com
Turnaround Time	Sampler Name	ne ,	• •		JR	LIS			Send Invoice To	O (Name/Email/Address)
☐ Rush 24 h ☐ Same Day	Drint: A	-		>>	.FU	LL I			7618 11174W	Jena IIIa Sice to (Naine) cinally Address)
☐ Rush 48 h ☐ 5 Days	Carrier Manager	<u> </u>	· 6.		JL	UI			-	
	Signature:		S		ı sı	5 F		***************************************	PO Number	
	,	00			'.9ː)-1:	Indonésia ya d			AINGEST
Client Sample Name	Sample ID	Sampling	Sampling	Container	307	ГО	-			
36.00	3	Date	1.	iype/uty						
M7-0>	>0,251	10/17	0727	realar 1	×	×				Cinedo
150-SM	SOUZE		0838	7	メ	יג				DUPS
Keaction	50226		0853	1	ጽ	×				
MS-02	50227		1000		×	ኦ				
working tace	50228		0933		×	×				
MS-03	50229	4	1236	+	×	×				The second second
										minals 122
										STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET,
										Togi an
							•			
			,							
				/			,			
Client Notes/Special Instructions:							EDD?	N. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		
							□Yes	Number 1	たける 変をで	
							□No			
Print: Transacty Hurter S	<u>ی</u>	Date 0/17	Received By	Received By Zuchary	2 Sharify	ダ	Date (0/17/2)			
ure: 6-19/18	•	Time /526	Signature:	Ŋ)	,	1532			
Relinquished By Print:		Date	Received By	-			Date			
Signature:		Time	Signature:				Time			
								Real Property and the second	E CONTRACTOR SERVICE	THE RESERVE OF THE PARTY OF THE



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita (Off)

PROJECT NUMBER

: 01204123.21 TASK 22

AAC PROJECT NO.

: 232137

REPORT DATE

: 10/19/2023

On October 17th, 2023, Atmospheric Analysis & Consulting, Inc. received sixteen (16) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Client ID	Lab No
MS-07	232137-50214	MS-06	232137-50222
Chiquito Cyn Rd	232137-50215	MS-11	232137-50223
S End Lincoln	232137-50216	MS-05	232137-50224
MS-12	232137-50217	MS-04	232137-50225
MS-08	232137-50218	Reaction	232137-50226
MS-09	232137-50219	MS-02	232137-50227
SCV	232137-50220	Working face	232137-50228
MS-10	232137-50221	MS-03	232137-50229

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.

Technical Director

This report consists of 8 pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO. : 232137

MATRIX: AIR UNITS: ppmv

SAMPLING DATE: 10/17/2023

RECEIVING DATE: 10/17/2023

ANALYSIS DATE: 10/17/2023 REPORT DATE: 10/19/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	Chiquito Cyn Rd	S End Lincoln	MS-12	MS-08	MS-09
AAC ID	232137-50214	232137-50215	232137-50216	232137-50217	232137-50218	232137-50219
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	0.025	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	0.150	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	0.150	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO. : 232137 MATRIX : AIR

UNITS : ppmv

SAMPLING DATE: 10/17/2023

REPORT DATE: 10/19/2023

RECEIVING DATE: 10/17/2023 ANALYSIS DATE: 10/17/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	SCV	MS-10	MS-06	MS-11	MS-05	MS-04
AAC ID	232137-50220	232137-50221	232137-50222	232137-50223	232137-50224	232137-50225
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	0.132	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	0.132	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232137

UNITS: ppmv

MATRIX: AIR

SAMPLING DATE: 10/17/2023

RECEIVING DATE: 10/17/2023 **ANALYSIS DATE: 10/17/2023**

REPORT DATE: 10/19/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	Reaction	MS-02	XX/a-d-i	MS-03
			Working face	
AAC ID	232137-50226	232137-50227	232137-50228	232137-50229
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Quality Control/Quality Assurance Report **SCAQMD 307.91**

Date Analyzed: 10/18/2023

Analyst: CM/KM Units: ppmV

Instrument ID: SCD-BTU Calb. Date: : 6/13/23

Opening Calibration Verification Standard

0.500 ppbV H2S (SS1289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	863	0.496	99.3	1.3
Duplicate	876	0.504	100.9	0.3
Triplicate	883	0.508	101.7	1.0
0.548 nnhV H2C (CC128)	3)			

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	898	0.546	99.7	0.1
Duplicate	898	0.546	99.7	0.1
Triplicate	896	0.545	99.5	0.1

0.479 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	863	0.476	99.3	0.4
Duplicate	841	0.464	96.8	2.1
Triplicate	874	0.482	100.6	1.7

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< th=""></pql<>

Duplicate Analysis			Sample ID	231187-45761
Analyte	Sample	Duplicate	Mean	% RPD ***
	Result	Result		
H ₂ S	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
DMS	<pol< td=""><td><poi.< td=""><td>0.000</td><td>0.0</td></poi.<></td></pol<>	<poi.< td=""><td>0.000</td><td>0.0</td></poi.<>	0.000	0.0

Matrix Spike & Duplicate 231187-45761 x2

Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
Analyte	Conc.	Added	Result	Result	% Rec **	% Rec **	70 Kt D
H ₂ S	<pql< td=""><td>0.250</td><td>0.231</td><td>0.225</td><td>92.4</td><td>90.0</td><td>2.6</td></pql<>	0.250	0.231	0.225	92.4	90.0	2.6
MeSH	<pql< td=""><td>0.274</td><td>0.279</td><td>0.273</td><td>101.9</td><td>99.7</td><td>2.2</td></pql<>	0.274	0.279	0.273	101.9	99.7	2.2
DMS	<pql< td=""><td>0.240</td><td>0.243</td><td>0.245</td><td>101.5</td><td>102.3</td><td>0.8</td></pql<>	0.240	0.243	0.245	101.5	102.3	0.8

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.500	0.462	92.4
MeSH	0.548	0.511	93.3
DMS	0.479	0.446	93.1

^{*}Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.

PQL = 50.0 ppbV

 $\widetilde{MDL} = 1.1 \ ppbV$



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 10/18/2023

Analyst: KM Units: ppbV Instrument ID: SCD#10 Calb. Date: : 07/11/2022

Opening Calibration Verification Standard

499.8 ppbV H2S (SSI 289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1835	498	99.6	0.3
Duplicate	1825	495	99.1	0.9
Triplicate	1863	505	101.1	1.2

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2434	564	103.1	2.7
Duplicate	2343	543	99.2	1.2
Triplicate	2336	542	98.9	1.5

479.0 ppbV H2S (SS1 289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2591	490 .	102.3	1.1
Duplicate	2586	489	102.1	0.9
Triplicate	2514	475	99.2	1.9

Method Blank

Analyte	Result
H ₂ S	<pql< td=""></pql<>
MeSH	<pql< td=""></pql<>
DMS	<pql< td=""></pql<>

Duplicate Analysis			Sample ID	231187-45761
Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0

Matrix Spike & Duplicate Sample ID 231438-46986 x2

Matrix Spike & L	upncate		Sample ID	231430-40700	<u> 14 </u>		
Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
Analyte	Conc.	Added	Result	Result	% Rec **	% Rec **	70 KFD
H ₂ S	<pql< td=""><td>249.9</td><td>249.6</td><td>252.0</td><td>99.9</td><td>100.8</td><td>1.0</td></pql<>	249.9	249.6	252.0	99.9	100.8	1.0
MeSH	<pql< td=""><td>273.8</td><td>289.3</td><td>283.0</td><td>105.7</td><td>103.4</td><td>2.2</td></pql<>	273.8	289.3	283.0	105.7	103.4	2.2
DMS	<pql< td=""><td>239.5</td><td>255.8</td><td>256.3</td><td>106.8</td><td>107.0</td><td>0.2</td></pql<>	239.5	255.8	256.3	106.8	107.0	0.2

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	499.8	503.3	100.7
MeSH	547.5	539.8	98.6
DMS	479.0	464.9	97.1

^{*}Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD fro. ssAS

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbVDMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV

CHAIN OF CUSTODY AND ANALYSIS REQUEST -- Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

	מושתרוטונו	ALI 313 ALQUESI — Chain of Custody is a LEGAL DOCUMENT	- Chain of C	Justody is a LE	GAL DUCU	MENI. CO	mpiete all	Complete all relevant fields.	as.	<
Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003	g · Phone: 80	5-650-1642 · E	mail: info@a	aciab.com · 1	534 Eastm	an Ave Su	ite A, Vent	ura, CA 930) (3)	AAC Project No.:
Client/Company Name	Project Name	. 13 0				Anal	nalysis Requested	sted		Send Report To (Name/Email/Address)
Project Manager Name	Project Number	Der ON /OFF	OFF							pschafer@scsengineers.com
PAUL SCHAFER	01204123	01204123.21 TASK 22	2			T			·	rhuff@scsengineers.com
Turnaround Time	Sampler Name		-		JR	LIS				Send Invoice To (Name/Email/Address)
	Print: Armeino		To take	5	LFU	LL	:	1		
	C		Metallapperspectuation		SU:	FU				
X Rush 72 h Normal	offinature:	S. S. S. S. S. S. S. S. S. S. S. S. S. S			91 5	15				PO Number
Client Cample Name		Sampling	Sampling	Container	7.9	O				
cilent sample Name	Sample ID	Date	Time	Type/Qty	30	TO	······································			
WS-07	SQ214	10/17	2000	realise	×	×				
Chiquito Cyn Rd	51605		0000	1	×	*				
5 End Lincoln	80216		0 13 13		×	×				
MS-12	50217	*******	200		X	7				
M5-08	81205		108	1	*	×				
MS-00	51505		200	1	*	7				
120	50220		133	1	×	×				
MS-10	5022)		128	1	×	×				
M5-06	50225		1224		*	*	•			
30	50223	- Sec.	255		×	×				THE PROPERTY OF THE PROPERTY O
	Market Commence of the Commenc				-					
Client Notes/Special Instructions:						` .	EDD?		VINCE	
							□Yes			
							No			
Relinquished By		Date Injig	Received By	Zachan	Sour to		Date 10/17/23	(2		
ure: V.J.O.		Time / 52.6	Signature	1			7 6 7 1	なる		
Relinquished By Print:			Received By	1	\setminus		Date			
Signature:		Time	Signature:				Time			
					_	Name and Address of the Owner, where the Owner, which the				The second secon



000		

Print: Signature: Relinquished By
Print: Print Car Signature: Relinquished By Client Notes/Special Instructions: **Client Sample Name** Rush 48 h 🛭 Rush 72 h ☐ Rush 24 h Turnaround Time Project Manager Name PAUL SCHAFER Client/Company Name Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003 CHAIN OF CUSTODY AND ANALYSIS REQUEST -- Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields. SCS ENGINEERS Restation working toca MS-02 NO-57 SO-5 □ Normal ☐ 5 Days ☐ Same Day 50227 50229 50226 50225 50228 Signature: 70224 Print: Hymanica Sampler Name **Project Number Project Name** Sample ID 01204123.21 TASK 22 CHIQUITA Date Time /526 Date 10/17 Time Sampling Date 10117 [ON OFF] Sampling Print: Received By Zachary Signature: Print: Received By 0933 Signature: 0853 0338 236 000 Time Container Type/Qty Jak. × 307.91 SULFUR Spent to 7 Jan San TO-15 FULL LIST × **Analysis Requested** Date Time [532 Date (0/17/7): □Yes EDD? Send Report To (Name/Email/Address) **AAC Project No.:** Send Invoice To (Name/Email/Address) PO Number pschafer@scsengineers.com rhuff@scsengineers.com



CLIENT

: SCS Engineers

PROJECT NAME

Chiquita OFF/ON

PROJECT NO.

: 01204123.21 TASK 22

AAC PROJECT NO.

: 232189

REPORT DATE

: 10/26/2023

On October 24, 2023, Atmospheric Analysis & Consulting, Inc. received sixteen (16) Tedlar Bags for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Client ID	Lab ID
MS-10	232189-50458	MS-08	232189-50466
MS-09	232189-50459	MS-07	232189-50467
S End Lincoln	232189-50460	Working Face	232189-50468
MS-11	232189-50461	MS-03	232189-50469
MS-12	232189-50462	Reaction	232189-50470
SCV	232189-50463	MS-04	232189-50471
Chiquito Cyn Rd	232189-50464	MS-05	232189-50472
MS-06	232189-50465	MS-01	232189-50473

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. These samples were received in Tedlar Bags, which are considered inappropriate containers by EPA Method TO-15. Per NELAC requirements the analytical results should be considered estimated for these samples. No other problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

richa Parmari Phil Technical Director

This report consists of 23 pages.





CLIENT

: SCS Engineers

PROJECT NAME

Chiquita OFF/ON

PROJECT NO.

: 01204123.21 TASK 22

AAC PROJECT NO.

: 232189

REPORT DATE

: 10/26/2023

On October 24, 2023, Atmospheric Analysis & Consulting, Inc. received sixteen (16) Tedlar Bags for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Client ID	Lab ID
MS-10	232189-50458	MS-08	232189-50466
MS-09	232189-50459	MS-07	232189-50467
S End Lincoln	232189-50460	Working Face	232189-50468
MS-11	232189-50461	MS-03	232189-50469
MS-12	232189-50462	Reaction	232189-50470
SCV	232189-50463	MS-04	232189-50471
Chiquito Cyn Rd	232189-50464	MS-05	232189-50472
MS-06	232189-50465	MS-01	232189-50473

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

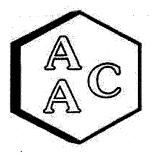
I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. These samples were received in Tedlar Bags, which are considered inappropriate containers by EPA Method TO-15. Per NELAC requirements the analytical results should be considered estimated for these samples. No other problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

richa Parmari Phil Technical Director

This report consists of 23 pages.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232189

MATRIX : AIR

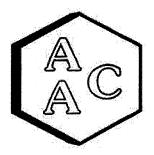
UNITS: PPB (v/v)

DATE RECEIVED: 10/24/2023

DATE REPORTED: 10/26/2023

ANALYST: DL/CH

Client ID	<u> </u>	MS-10		Sample		MS-09		Sample	
AAC ID		232189-504	158	1 1		232189-504	59		Method
Date Sampled		10/24/202	3	Reporting		10/24/202	3	Reporting	Reporting
Date Analyzed		10/25/202	3	Limit		10/25/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	0.57		1	0.50	0.53		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Methanol	20.8		1	5.00	25.5		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1,00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	45.8		i	2.00	45.6		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>IJ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	IJ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	10.9		i	2.00	40.7		1	2,00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	4.09		l	2.00	6.32		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1 .</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>Ū</td><td>1 .</td><td>1.00</td><td>1.00</td></srl<>	Ū	1 .	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Carbon Disulfide	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinvl Acetate	<srl< td=""><td>Ū ·</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū ·	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
cis-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	ī	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>î</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	ī	0.50	<srl< td=""><td>Ū</td><td>î</td><td>0.50</td><td>0.50</td></srl<>	Ū	î	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>ì</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	ì	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzene	SRL	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232189

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/24/2023

DATE REPORTED : 10/26/2023

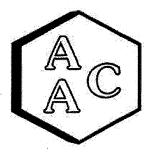
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-10		Sample		MS-09		Sample	
AAC ID		232189-504		Reporting		232189-504		Reporting	Method
Date Sampled		10/24/202				10/24/202			Reporting
Date Analyzed		10/25/202	3	Limit		10/25/202	3	Limit	Limit
Can Dilution Factor		1.00	,	(SRL)		1.00	,	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ü	11	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ü	11	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<>	U	11	2.00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	12.8		1	0.50	13.8		11	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Ethylbenzene	0.66		1	0.50	0.75		11	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<>	U	11	0.50	0,50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl~< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl~<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ŭ</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	11	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>·· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	·· U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl_< td=""><td>U</td><td>1111</td><td>0.50</td><td>0,50</td></srl_<></td></srl<>	U	1	0.50	<srl_< td=""><td>U</td><td>1111</td><td>0.50</td><td>0,50</td></srl_<>	U	1111	0.50	0,50
BFB-Surrogate Std. % Recovery		103%				99%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232189

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/24/2023

DATE REPORTED: 10/26/2023

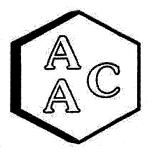
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID		S End Line 232189-504		Sample		MS-11 232189-504	161	Sample	Method
Date Sampled		10/24/202		Reporting		10/24/202		Reporting	Reporting
Date Analyzed		10/25/202	3	Limit		10/25/202	3	Limit	Limit
Can Dilution Factor		1.00		[(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Heptane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ū</td><td>1</td><td>2,00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū	1	2,00	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ŭ	1	2.00	2.00
trans-1.3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	12.5		1	0.50	22.3		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Ethylbenzene	0.64		1	0.50	0,66		1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td><u> </u></td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	<u> </u>	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>ì</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	ì	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ü	1	0,50	0.50
BFB-Surrogate Std. % Recovery		103%				99%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232189

UNITS: PPB (v/v)

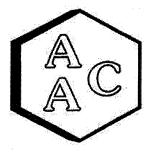
MATRIX : AIR

DATE RECEIVED: 10/24/2023

DATE REPORTED: 10/26/2023

ANALYST: DL/CH

Client ID	T I	S End Line		Sample		MS-11		Sample	
AAC ID		232189-504				232189-504			Method
Date Sampled		10/24/202	3	Reporting		10/24/202		Reporting	Reporting
Date Analyzed		10/25/202	3	Limit		10/25/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	0.55		11	0.50	0.57		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	34.2		1	5.00	24.1		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1,00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td>1.00</td></srl<>	U	1	1,00	1.00
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	69.1		1	2.00	45.4		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	18.0		1	2.00	15.9		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
2-Propanol (IPA)	8.03		1	2.00	4.31		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>i</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1,00</td><td>1.00</td></srl<></td></srl<>	U	i	1.00	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td>1.00</td></srl<>	U	1	1,00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2,00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2,00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1 1</td><td>0,50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 1	0,50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
cis-1.2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Hexane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroform	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethyl Acetate	0.83		ī	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
Tetrahydrofuran	0.88		i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>IJ</td><td>Î</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	IJ	Î	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.1.1-Trichloroethane	SRL SRL	ŭ	i i	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
Benzene	0.76		 	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232189 MATRIX: AIR

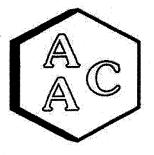
UNITS: PPB (v/v)

DATE RECEIVED: 10/24/2023

DATE REPORTED: 10/26/2023

ANALYST: DL/CH

Client ID AAC ID Date Sampled Date Analyzed Can Dilution Factor Compound Chlorodifluoromethane Propene Dichlorodifluoromethane Chloromethane Dichlorotetrafluoroethane	Result SRL SRL	232189-504 10/24/202 10/25/202 1.00 Qualifier U	3	Sample Reporting Limit (SRL) (MRLxDF's)		232189-504 10/24/202 10/25/202 1.00	3	Sample Reporting Limit	Method Reporting Limit
Date Sampled Date Analyzed Can Dilution Factor Compound Chlorodifluoromethane Propene Dichlorodifluoromethane Chloromethane	<srl <srl< th=""><th>10/25/202 1.00 Qualifier</th><th>3</th><th>Limit (SRL)</th><th></th><th>10/25/2023</th><th></th><th>Limit</th><th></th></srl<></srl 	10/25/202 1.00 Qualifier	3	Limit (SRL)		10/25/2023		Limit	
Can Dilution Factor Compound Chlorodifluoromethane Propene Dichlorodifluoromethane Chloromethane	<srl <srl< th=""><th>1.00 Qualifier</th><th></th><th>(SRL)</th><th></th><th></th><th>3</th><th></th><th></th></srl<></srl 	1.00 Qualifier		(SRL)			3		
Compound Chlorodifluoromethane Propene Dichlorodifluoromethane Chloromethane	<srl <srl< th=""><th>Qualifier</th><th>Analysis DF</th><th></th><th></th><th>1.00</th><th></th><th></th><th>Limit</th></srl<></srl 	Qualifier	Analysis DF			1.00			Limit
Chlorodifluoromethane Propene Dichlorodifluoromethane Chloromethane	<srl <srl< th=""><th></th><th>Analysis DF</th><th>(MRLxDF'c)</th><th></th><th></th><th></th><th>(SRL)</th><th>(MRL)</th></srl<></srl 		Analysis DF	(MRLxDF'c)				(SRL)	(MRL)
Propene Dichlorodifluoromethane Chloromethane	<srl< th=""><th>U</th><th></th><th></th><th>Result</th><th>Qualifier</th><th>Analysis DF</th><th>(MRLxDF's)</th><th></th></srl<>	U			Result	Qualifier	Analysis DF	(MRLxDF's)	
Dichlorodifluoromethane Chloromethane			1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	0.55	U	11	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
	0.55		11	0.50	0.57		1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	36.0		1	5.00	22.8		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	74.9		1	2.00	33.3		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	17.9		1	2.00	16.7		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	6.50		1	2.00	4.57		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Carbon Disulfide	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ .</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ .</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ .	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>Û</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Û	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Butanone (MEK)	<srl< td=""><td>Û</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Û	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
cis-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Hexane	<srl< td=""><td>Ū</td><td>ī</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	ī	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Ethyl Acetate	0.80		i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrahydrofuran	0.88		i i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzene	0.83		i	0.50	<srl< td=""><td>Ŭ</td><td>- i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	- i	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers PROJECT NO: 232189

MATRIX : AIR

UNITS: PPB (v/v)

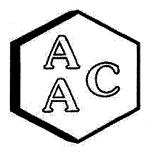
DATE RECEIVED: 10/24/2023

DATE REPORTED: 10/26/2023

ANALYST: DL/CH

Client ID		MS-12		Sample		SCV		Sample	
AAC ID		232189-504		Reporting		232189-504		Reporting	Method
Date Sampled		10/24/202				10/24/202		Limit	Reporting
Date Analyzed		10/25/202	3	Limit		10/25/202	3		Limit
Can Dilution Factor		1.00		(SRL)		1,00	,	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ŭ	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	13.0		1	0.50	15.7	,	1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	0.69		1	0.50	0.56		1	0.50	0.50
m & p-Xvlene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ü	11	0.50	0.50
BFB-Surrogate Std. % Recovery		100%			7.1	100%			70-130%

U - Compound was not detected at or above the SRL.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232189

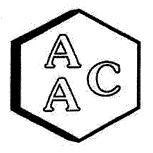
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/24/2023

DATE REPORTED: 10/26/2023

ANALYST: DL/CH

			Sample		MS-06		Sample	
								Method
			1 1 0 1					Reporting
		3				3		Limit
	1.00				1.00			(MRL)
Result	Qualifier	Analysis DF	<u></u>	Result	Qualifier	Analysis DF	1	
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1				1		0.50
	U	1			U	1		1.00
		1				1		0.50
<srl< td=""><td></td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>		1				1		0.50
<srl< td=""><td></td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>		1				1		0.50
	U	1			U	11		0,50
43.4		1				1		5,00
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1				1		0.50
<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	Ü	1	0.50			1		0.50
<srl< td=""><td>U</td><td>1</td><td>1.00</td><td></td><td></td><td>11</td><td></td><td>1.00</td></srl<>	U	1	1.00			11		1.00
<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td></td><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	Ü	1	0.50		U	1		0.50
110		1	2.00			1		2.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.50		U	1		0.50
21.6		1	2.00	13.3		1		2.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td></td><td>0.50</td></srl<>	U	11		0.50
10.9		1	2.00	4.77		1		2.00
<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td></td><td>1.00</td></srl<>	U	1		1.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td></td><td>2.00</td></srl<>	U	1		2.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0,50</td></srl<>	U	1		0,50
<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td></td><td>0.50</td></srl<>	Ū	1		0.50
		1	2.00	<srl< td=""><td>U</td><td>1</td><td></td><td>2.00</td></srl<>	U	1		2.00
	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
		1 1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
		1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
		l i		<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	IJ	i i			Ū	1	0.50	0.50
		î				1	0.50	0.50
	 	i i			Ü	ī	0.50	0.50
	Result SRL S	232189-504 10/24/202 10/24/202 10/25/202 1.00 Result Qualifier SRL U U U U U U U U U	Result Qualifier Analysis DF	10/24/2023 Care C	10/24/2023 10/25/2023 1.mit 10/25/2023 1.mit 1.00 (SRL) Color		232189-50464 Sample	



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232189

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/24/2023

DATE REPORTED: 10/26/2023

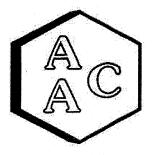
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		Chiquito Cyr		Sample		MS-06		Sample	3.6-413
AAC ID		232189-504		Reporting		232189-504 10/24/202		Reporting	Method
Date Sampled		10/24/202 10/25/202		Limit		10/24/202		Limit	Reporting
Date Analyzed			3			1.00	3	(SRL)	Limit
Can Dilution Factor		1.00		(SRL)			·	(SKL) (MRLxDF's)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	<u> </u>	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	5.20		1	0.50	14.5		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2,00</td></srl<></td></srl<>	Ŭ	1	2.00	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2,00</td></srl<>	U	11	2.00	2,00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ú</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ú	1	0.50	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	U	. 1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	0.67		1	0.50	0.75		1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td>0.50</td></srl<>	U	1 .	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ū	1	0,50	0.50
BFB-Surrogate Std. % Recovery		101%				101%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232189

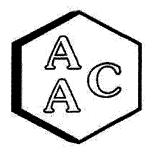
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/24/2023

DATE REPORTED: 10/26/2023

ANALYST: DL/CH

Client ID		MS-08		Sample		MS-07		Sample	
AAC ID		232189-504	66			232189-504			Method
Date Sampled		10/24/202	3	Reporting		10/24/202		Reporting	Reporting
Date Analyzed		10/25/202	3	Limit		10/25/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00	,	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	. ,
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1 .</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1 .	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	0.57		1	0.50	0.58		11	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	27.6		11	5.00	37.5		-1	5,00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0,50</td></srl<>	U	1	0,50	0,50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Ethanol	45.4		1	2.00	77.6		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	15.0		1	2.00	24.3		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	5.24		1	2.00	9.86		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<>	U	11	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Butanone (MEK)	<srl< td=""><td>U</td><td>i</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	i	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
cis-1,2-Dichloroethene	<srl< td=""><td>·U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	·U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.95</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.95		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>1.39</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	1.39		1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Benzene	0.52		1	0.50	1.15		1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232189 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 10/24/2023

DATE REPORTED: 10/26/2023

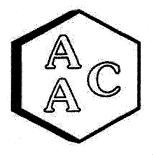
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-08		Sample		MS-07		Sample	
AAC ID		232189-504				232189-504			Method
Date Sampled		10/24/202		Reporting		10/24/202		Reporting	Reporting
Date Analyzed		10/25/202	3	Limit		10/25/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	16.0		1	0.50	5.48		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	0.69		1	0.50	0.61		1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
BFB-Surrogate Std. % Recovery	1	102%				100%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232189

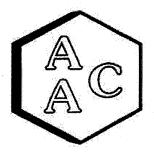
MATRIX : AIR UNITS : PPB (v/v) **DATE RECEIVED: 10/24/2023**

DATE REPORTED: 10/26/2023

ANALYST: DL/CH

Client ID		Working Fa	ace	Sample		MS-03		Sample	
AAC ID		232189-504	68			232189-504			Method
Date Sampled		10/24/202	3	Reporting		10/24/202		Reporting	Reporting
Date Analyzed		10/25/202	3	Limit		10/25/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Propene	5.03		1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	0.88		1	0.50	0.57		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	119		1	5.00	27.3		1	5,00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<>	U	11	0.50	0,50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Ethanol	202		20	40.0	45.4	·	1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Acetone	53.8		1	2.00	10.6		1	2.00	2.00
Trichlorofluoromethane	1.83		1	0.50	<srl_< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl_<>	U	1	0.50	0.50
2-Propanol (IPA)	34.5		1	2.00	4.39		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Carbon Disulfide	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ŭ	1	2.00	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<>	U	11	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinvl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Butanone (MEK)	13.6		1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Hexane	0.89		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	9.96		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50 \</td><td>0.50</td></srl<>	U	1	0.50 \	0.50
Tetrahydrofuran	8.69		1	0.50	<srl< td=""><td>U</td><td>11</td><td>0,50</td><td>0.50</td></srl<>	U	11	0,50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Benzene	3.13		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232189

MATRIX : AIR UNITS : PPB (v/v) DATE RECEIVED: 10/24/2023

DATE REPORTED: 10/26/2023

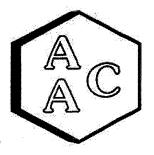
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	T	Working Fa		Sample		MS-03		Sample	
AAC ID		232189-504				232189-504		Reporting	Method
Date Sampled		10/24/202		Reporting		10/24/202			Reporting
Date Analyzed		10/25/202	3	Limit		10/25/202	3	Limit	Limit
Can Dilution Factor		1.00		SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	0.81		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Heptane	1.08		1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<>	U	11	2.00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	41.1		. 1	0.50	10.8		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>· 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>· 1</td><td>0.50</td><td>0.50</td></srl<>	U	· 1	0.50	0.50
Ethylbenzene	0.62		1	0.50	0.59		11	0.50	0.50
m & p-Xylene	1.29		1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Bromoform	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ü	1	0,50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
BFB-Surrogate Std. % Recovery		99%		To the second		102%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232189

MATRIX : AIR

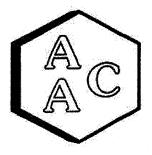
UNITS: PPB (v/v)

DATE RECEIVED: 10/24/2023

DATE REPORTED: 10/26/2023

ANALYST: DL/CH

Client ID		Reaction				MS-04	Sample		
AAC ID	232189-50470			Sample	232189-50471				Method
Date Sampled	10/24/2023 10/25/2023			Reporting		10/24/202	Reporting	Reporting	
Date Analyzed				Limit [10/25/2023 1.00			Limit (SRL)	Limit
Can Dilution Factor	1.00			(SRL)					(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50 1.00</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50 1.00</td></srl<>	U	1	0.50	0.50 1.00
Propene	27.2		1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td></td></srl<>	U	1	1.00	
Dichlorodifluoromethane	0.66		11	0.50	0.55		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	115		10	50.0	40.6		1	5.00	5,00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromomethane	<srl_< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl_<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	118		10	20.0	38.1		1	2.00	2.00
Vinyl Bromide	<srl_< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl_<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	104		10	20.0	15.4	-	1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	49.9		10	20.0	3.18		11	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1,</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1,	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,1-Dichloroethene	<srl_< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl_<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl_< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl_<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Butanone (MEK)	55.6		10	20.0	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Hexane	1.39		1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Ethyl Acetate	4.89		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrahydrofuran	59.3		10	5.00	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ü	11	0.50	0.50
Benzene	79.4		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232189

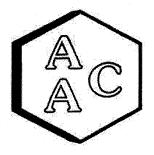
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/24/2023

DATE REPORTED: 10/26/2023

ANALYST: DL/CH

Client ID	T	Reaction	·	Sample		MS-04	Sample		
AAC ID	232189-50470 10/24/2023 10/25/2023 1.00					232189-504	Sample Reporting Limit (SRL)	Method Reporting Limit (MRL)	
Date Sampled				Reporting		10/24/202			
Date Analyzed				Limit		10/25/202			
Can Dilution Factor				(SRL)		1.00			
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	27.2		11	1.00	<srl_< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl_<>	U	1	1.00	1.00
Dichlorodifluoromethane	0.66		1	0.50	0.55		11	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U .</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U .	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<>	U	11	0.50	0,50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methanol	115		10	50.0	40.6		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	118		10	20.0	38.1		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	104		10	20.0	15.4		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
2-Propanol (IPA)	112		1	2.00	3.18		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Butanone (MEK)	55.6		10	20.0	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
cis-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	1.39		. 1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	4.89		1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Tetrahydrofuran	59.3		10	5.00	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	79.4		1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232189

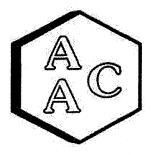
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/24/2023

DATE REPORTEL: 10/26/2023

ANALYST: DL/CH

Client ID	T	MS-05		Sample		MS-01		Sample	
	AAC ID 232189-50472						73		Method
Date Sampled		10/24/202	3	Reporting		10/24/202		Reporting	Reporting
Date Analyzed		10/25/202	3	Limit		10/25/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL) [1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><\$RL</td><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	<\$RL	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Dichlorodifluoromethane	0.53		1	0.50	0.57		11	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	29.8		1	5.00	33.3		11	. 5.00	5.00
1,3-Butadiene	<srl< td=""><td>Ŭ</td><td>l l</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	l l	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chloroethane	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1 31</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1 31</td><td>1.00</td><td>1.00</td></srl<>	U	1 31	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	29.9		1	2.00	42.9		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Acetone	17.5		1	2.00	23.8		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
2-Propanol (IPA)	4.39		1	2.00	6.02		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>Ç 50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>Ç 50</td><td>0.50</td></srl<>	U	1	Ç 50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>Ŷ.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>Ŷ.50</td><td>0.50</td></srl<>	U	1	Ŷ. 5 0	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1,00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1,00</td></srl<>	Ū	1	1.00	1,00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1 3.5</td><td>2,00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1 3.5</td><td>2,00</td><td>2.00</td></srl<>	U	1 3.5	2,00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Butanone (MEK)	<srl< td=""><td>IJ</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1 '</td><td>2.00</td><td>2,00</td></srl<></td></srl<>	IJ	1	2.00	<srl< td=""><td>Ü</td><td>1 '</td><td>2.00</td><td>2,00</td></srl<>	Ü	1 '	2.00	2,00
cis-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Hexane	<srl< td=""><td>Ū</td><td>i</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>ĺ</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	ĺ	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ŭ</td><td>î</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	î	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
Benzene	SRL	TI	i	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
DOMESTIC	LANKE		· · · · · · · · · · · · · · · · · · ·	1 0.50 1	-01-02	<u> </u>	·		



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232189

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 10/24/2023

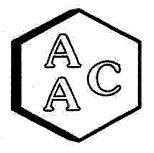
DATE REPORTED: 10/26/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-05		Sample		MS-01		Sample	
AAC ID		232189-504		Reporting		232189-504	Reporting	Method	
Date Sampled		10/24/202		, , ,		10/24/202			Reporting
Date Analyzed		10/25/202	3	Limit		10/25/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<>	U	1	2,00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	11	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Toluene	25.9		1	0.50	34.4		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>₹ Ü</td><td>1</td><td>2,00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	₹ Ü	1	2,00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xvlene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.54</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.54		1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
o-Xvlene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>l l</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>l l</td><td>0.50</td><td>0.50</td></srl<>	U	l l	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ŭ</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ŭ	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
BFB-Surrogate Std. % Recovery		100%				101%			70-130%





QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/25/2023

MATRIX: High Purity N₂

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-03

CALIBRATION STD ID: MS1-051623-01

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 10/09/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery 3
4-BFB (surrogate standard)	9.40	9.61	102
Chlorodifluoromethane	10.40	10.00	96
Propene	10.60	10.78	102
Dichlorodifluoromethane	10.40	9,89	95
Dimethyl Ether	10.20	9.96	98
Chloromethane	10,40	10.51	101
Dichlorotetrafluoroethane	10.30	9.67	94
Vinyl Chloride	10.50	10.13	96
Acetaldehyde	21.10	18.83	89
Methanol	18.80	19.11	102
1,3-Butadiene	10.60	10.25	97
Bromomethane	10.40	9,46	91
Chloroethane	10.30	11.35	110
Dichlorofluoromethane	10.20	9.36	92
Ethanol	11.20	12.26	109
Vinyl Bromide	10.10	9.43	93
Acrolein	11.10	10.67	96
Acetone	10.60	9.84	93
Trichlorofluoromethane	10.50	9.91	94
2-Propanol (IPA)	11.00	11.07	101
Acrylonitrile	11.20	10.62	95
1,1-Dichloroethene	10.40	9.56	92
Methylene Chloride (DCM)	10.50	9.03	86
TertButanol (TBA)	11.10	13.73	124
Allyl Chloride	10.20	9.42	92
Carbon Disulfide	10.50	9.85	94
Trichlorotrifluoroethane	10.40	9.54	92
trans-1,2-Dichloroethene	10.60	10.10	95
1,1-Dichloroethane	10.50	10.21	97
Methyl Tert Butyl Ether (MTBE)	10.50	9.79	93
Vinyl Acetate	11.00	10.59	96
2-Butanone (MEK)	10.60	9.67	91
cis-1,2-Dichloroethene	10.50	10.48	100
Hexane	10.70	11.18	104
Chloroform	10.60	10.24	97
Ethyl Acetate	10.60	9.86	93
Tetrahydrofuran	10.20	9.85	97
1,2-Dichloroethane	10.50	9.89	94
1,1,1-Trichloroethane	10.40	10.10	97
Benzene	10.60	10,37	98
Carbon Tetrachloride	10.20	10.18	100
Cyclohexane	10.50	10.99	105

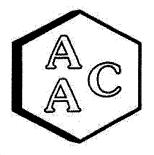
Analyte Compounds (Continued)	Source 1	CCV ²	% Recovery 3
1,2-Dichloropropane	10.50	10.74	102
Bromodichloromethane	10.40	10,43	100
1,4-Dioxane	10.40	13.50	130
Trichloroethene (TCE)	10,40	9.56	92
2,2,4-Trimethylpentane	10.00	9.78	98
Methyl Methacrylate	11.00	11.01	100
Heptane	10.50	10.45	100
cis-1,3-Dichloropropene	10.40	10.23	98
4-Methyl-2-pentanone (MiBK)	10.40	11.59	111
trans-1,3-Dichloropropene	10.50	10.50	100
1,1,2-Trichloroethane	10.50	10.35	99
Toluene	10.60	10.85	102
2-Hexanone (MBK)	10.50	13.56	129
Dibromochloromethane	10.30	10.25	100
1,2-Dibromoethane	10.60	10.14	96
Tetrachloroethene (PCE)	10.40	10.40	100
Chlorobenzene	10.60	10,35	98
Ethylbenzene	10.50	10.40	99
m & p-Xylene	21.00	21.20	101
Bromoform	10.50	10.41	99
Styrene	10.50	10.85	103
1,1,2,2-Tetrachloroethane	10.50	10.51	100
o-Xylene	10.50	10.62	101
1,2,3-Trichloropropane	11.00	10.31	94
Isopropylbenzene (Cumene)	10,30	10.18	99
α-Pinene	10.70	10.40	97
2-Chlorotoluene	10.30	9.85	96
n-Propylbenzene	10.10	10.14	100
4-Ethyltoluene	10.30	10.73	104
1,3,5-Trimethylbenzene	10.30	10.17	99
β-Pinene	11.00	10.96	100
1,2,4-Trimethylbenzene	10.30	10.62	103
Benzyl Chloride (a-Chlorotoluene)	10.40	10.10	97
1,3-Dichlorobenzene	10,40	10.27	99
1,4-Dichlorobenzene	10.30	10.09	98
Sec-ButylBenzene	10.10	9.80	97
1,2-Dichlorobenzene	10.60	10.39	98
n-ButylBenzene	10.20	10.66	105
1,2-Dibromo-3-Chloropropane	10.10	9.96	99
1,2,4-Trichlorobenzene	11.00	11.44	104
Naphthalene	11.50	12.82	111
Hexachlorobutadiene	11.00	10.61	96



¹ Concentration of analyte compound in certified source standard.

² Measured result from daily Continuing Calibration Verification (CCV).

 $^{^3}$ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/25/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity N2

CALIBRATION STD ID: MS1-051623-01

UNITS: PPB (v/v)

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

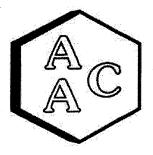
G. d. W. id. i. C.	Sample	Spike	LCS ¹	LCSD ¹	LCS ¹	LCSD 1	RPD ³
System Monitoring Compounds	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	KPD
4-BFB (surrogate standard)	0.0	9.40	9.61	9.64	102	103	0.3
1,1-Dichloroethene	0.0	10.40	9.56	9.89	92	95	3.4
Methylene Chloride (DCM)	0.0	10.50	9.03	9.50	86	90	5.1
Benzene	0.0	10.60	10.37	10.35	98	98	0.2
Trichloroethene (TCE)	0.0	10.40	9.56	9.70	92	93	1.5
Toluene	0.0	10.60	10.85	10.70	102	101	1.4
Tetrachloroethene (PCE)	0.0	10.40	10.40	10.10	100	97	2.9
Chlorobenzene	0.0	10.60	10.35	10.74	98	101	3.7
Ethylbenzene	0.0	10.50	10.40	10.67	99	102	2.6
m & p-Xylene	0.0	21.00	21.20	21.79	101	104	2.7
o-Xylene	0.0	10.50	10.62	10.73	101	102	1.0

¹Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)



² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/25/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity He or N_2

ANALYST: DL

UNITS: PPB (v/v)

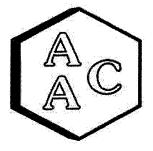
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 102523	Reporting Limit (RL)
4-BFB (surrogate standard)	99%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5
Allyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
2-Butanone (MEK)	<rl< td=""><td>2.0</td></rl<>	2.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrahydrofuran	<rl< td=""><td>0,5</td></rl<>	0,5
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0.5</td></rl<>	0.5
Cyclohexane	<rl< td=""><td>0.5</td></rl<>	0.5

Analyte Compounds (Continued)	MB 102523	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>1.0</td></rl<>	1.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>2.0</td></rl<>	2.0
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>2.0</td></rl<>	2.0
Dibromochloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5





QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 10/25/2023

INSTRUMENT ID: GC/MS-03

MATRIX : Air

 $\begin{aligned} & \textbf{ANALYST: DL} \\ & \textbf{DILUTION FACTOR}^1: & \textbf{x1} \end{aligned}$

UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 232181-50427

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	9.68	9.79	1.1
Chlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Propene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dimethyl Ether	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Chloromethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Dichlorotetrafluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetaldehyde J	3,49	3.28	6.2
Methanol	18.5	19.0	2.7
1,3-Butadiene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Bromomethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Chloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethanol	10,3	10.1	2.3
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrolein	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetone	6.12	6.08	0.7
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Propanol (IPA) J	1.39	1.35	2.9
Acrylonitrile	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
1,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methylene Chloride (DCM)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
TertButanol (TBA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Allyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Disulfide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
1,1-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td><\$RL</td><td>NA</td></srl<>	<\$RL	NA
Vinyl Acetate	SRL	<srl< td=""><td>N.4</td></srl<>	N.4
2-Butanone (MEK)	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
cis-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Hexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethyl Acetate	1.07	1.13	5,5
Tetrahydrofuran	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,1,1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzene	<srl< td=""><td><\$RL</td><td>NA</td></srl<>	<\$RL	NA
Carbon Tetrachloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Cyclohexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Trichloroethene (TCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Heptane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,3-Dichloropropene	- <srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Toluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrachloroethene (PCE)	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Chlorobenzene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Ethylbenzene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
m & p-Xylene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Bromoform	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Styrene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2,2-Tetrachloroethane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
o-Xylene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
1,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Isopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
α-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Ethyltoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3,5-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
β-Pinene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
1,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
1,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td><i>N</i>.4</td></srl<></td></srl<>	<srl< td=""><td><i>N</i>.4</td></srl<>	<i>N</i> .4
1,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Sec-ButylBenzene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
1,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Naphthalene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Hexachlorobutadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

J - Estimated value between the detection limit and the minimum reporting limit, shown for duplication purposes only.

232189

CHAIN OF CUSTODY AND ANALYSIS REQUEST — Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Signature:	Print:	Relinquished By	Print: Armando Hurtzalo			Client Notes/Special Instructions:		MS-07	MS-08	M5-06	Chiquito Cyn Rol	2CV	MS-12	WS-11	5 End Lincoln	NS-09	MS-10	Client Sample Name	_	☐ Rush 48 h ☐ 5 Days	Turnaround Time	PAUL SCHAFER	Project Manager Name	SCS ENGINEERS	Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Signature
								50467	20466	50465	50464	50463	29462	50461	52460	50759	25428	Sample ID	Signature:	Print: Armyndo	Sampler Name	01204123	Project Number	Project Name	ing · Phone: 80
Time	Date	Time (505)	Date 10/24					Ł								-	10/24	Sampling Date	tent M	gride !	ne 🌋	01204123.21 TASK 22	- ·		5-650-1642 ·
Signature:	Received By Print:	Signature:	Received By Print:	,			,	14460	Con	1218	8816	1137	1039	1258	1023	<i>U13</i>	1153	Sampling Time	The state of the s	Hortad		2		SHE SHE	Email: info@
		1						+	/			1		+	1	7	Tedlar)	Container Type/Qty		6	-				aaclab.com ·
					\			×	χ	X	×	×	X ,	X	χ.	×	પ્ર	307.	91 SI	ULF	UR				1534 Eastm
								×	X	×	×	×	×	X	×	×	X	ТО-	15 F	ULL	LIS	ST		Analy	
Time	Date	Time For	Date		□Yes	EDD?																-1		ysis Requested	ite A, Ventura, CA 93003
																								-	a, CA 93003
		· · · · · · · · · · · · · · · · · · ·																	PO Number		Send Invoice	rhuff@sc	pschafer(Send Repor	AAC Project No.:
		· 第二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十							Toul ans		Nith) &					Sques Tell	Ciredby				Send Invoice To (Name/Email/Address)	rhuff@scsengineers.com	pschafer@scsengineers.com	Send Report To (Name/Email/Address)	t No.:

AAC COC Rev 3

Issued 02/04/2021

70000

CIPILE OF COST OF AIRD ANALTSIS REQUEST — Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields	PICICITANIE	VECTORS	I — Chain of	Custody is a Li	EGAL DOCU	MENT. Con	nplete all releva	ant fields.		(
Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003	· Phone: 805-	650-1642 •	Email: info@	aaclab.com	1534 Eastm	an Ave Sui	te A, Ventura,	CA 93003	AAC Project No.:	.
Client/Company Name	Project Name		OFF 1		-	Analy	Analysis Requested		Send Report To	Send Report To (Name/Email/Address)
(9	Project Number	-	/ Off						pschafer@sc	pschafer@scsengineers.com
PAUL SCHAFEK	01204123.21 TASK 22	21 TASK 2	22			ST			rhuff@scsengineers.com	gineers.com
Turnaround Time	Sampler Name				JR	LIS			Send Invoice To	Y (Namo/Email/Address)
☐ Same Day	Print: Armanda	note Hor	Hurtado		LFU	ULL I		New Market Control of the Control of		Color illa Alee I A (reduct cindif Address)
☑ Rush 72 h ☐ Normal	Signature:	The File	d'		1 SU	5 FU			PO Number	
		Camplina	e e e e e e e e e e e e e e e e e e e		7.9)-1				The AME
Cilent Sample Name	Sample ID	Date	Time	Type/Qty	30	ТС	· · · · · · · · · · · · · · · · · · ·			
face	50468	10/24	0726	Tediar 1	γ	Y				E TRACE
3	50469		1233	7	X	×				SULS
Keachon	50470		1000	1	× '	X				
	5047		0820		×	X				
MS-05	Jours		0738	1	X	X				
MS-01	50473	4	0757	4	Υ	メ				
										Minaje 1
			-							Topican
			\							
Tient Notes/Special Instructions										
Clent Notes/Special Instructions:							EDO?			
							□No			
Relinquished By		Date 10/24	-				Date			
200		Time #5.05	Signature:							
neinquisned by Print:		Date	Received By				Date			
Signature:		Time	Signature:		'		Time . Fot			
									2011年,	2000年,1900年,1900年



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita OFF/ON

PROJECT NUMBER

: 01204123.21 TASK 22

AAC PROJECT NO.

: 232189

REPORT DATE

: 10/26/2023

On October 24th, 2023, Atmospheric Analysis & Consulting, Inc. received sixteen (16) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Client ID	Lab No
MS-10	232189-50458	MS-08	232189-50466
MS-09	232189-50459	MS-07	232189-50467
S End Lincoln	232189-50460	Working Face	232189-50468
MS-11	232189-50461	MS-03	232189-50469
MS-12	232189-50462	Reaction	232189-50470
SCV	232189-50463	MS-04	232189-50471
Chiquito Cyn Rd	232189-50464	MS-05	232189-50472
MS-06	232189-50465	MS-01	232189-50473

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

This report consists of 8

pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232189

MATRIX : AIR UNITS : ppmv

SAMPLING DATE: 10/24/2023

RECEIVING DATE: 10/24/2023

ANALYSIS DATE: 10/25/2023 REPORT DATE: 10/26/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-09	S End Lincoln	MS-11	MS-12	SCV
AAC ID	232189-50458	232189-50459	232189-50460	232189-50461	232189-50462	232189-50463
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H_2S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232189 MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 10/24/2023

RECEIVING DATE: 10/24/2023 ANALYSIS DATE: 10/25/2023 REPORT DATE: 10/26/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID		140.06	7.50.00			7.50.00
	Chiquito Cyn Rd	MS-06	MS-08	MS-07	Working Face	MS-03
AAC ID	232189-50464	232189-50465	232189-50466	232189-50467	232189-50468	232189-50469
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	. < 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO. : 232189

MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 10/24/2023

RECEIVING DATE: 10/24/2023

ANALYSIS DATE: 10/25/2023

REPORT DATE: 10/26/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	Reaction	MS-04	MS-05	MS-01
AAC ID	232189-50470	232189-50471	232189-50472	232189-50473
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	0.151	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	0.151	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Quality Control/Quality Assurance Report **SCAQMD 307.91**

Date Analyzed: 10/25/2023 Analyst: CM/KM

Units: ppmV

Instrument ID: SCD-BTU Calb. Date: : 6/13/23

Opening Calibration Verification Standard

0.500 ppbV H2S (SS1289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	883	0.508	101.7	1.4
Duplicate	873	0.502	100.5	0.3
Triplicate	856	0.492	98.5	1.7

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	895	0.544	99.4	0.1
Duplicate	888	0.540	98.6	0.8
Triplicate	904	0.549	100.3	0.9

0.479 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	862	0.475	99.3	1.3
Duplicate	837	0.461	96.3	1.7
Triplicate	856	0.472	98.5	0.5

Method Blank

Analyte	Resúlt
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< th=""></pql<>

Duplicate Analysi	s		Sample ID	231187-45761
Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0

231187-45761 x2

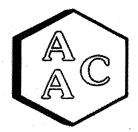
Mattia Spine & D	upneate		231107-43701	A4			
Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
	Conc.	Added	Result	Result	% Rec **	% Rec **	<u></u>
H ₂ S	<pql< td=""><td>0.250</td><td>0.267</td><td>0.261</td><td>106.9</td><td>104.5</td><td>2.3</td></pql<>	0.250	0.267	0.261	106.9	104.5	2.3
MeSH	<pql< td=""><td>0.274</td><td>0.289</td><td>0.285</td><td>105.6</td><td>104.1</td><td>1.4</td></pql<>	0.274	0.289	0.285	105.6	104.1	1.4
DMS	<pql< td=""><td>0.240</td><td>0.243</td><td>0.256</td><td>101.5</td><td>106.9</td><td>. 5.2</td></pql<>	0.240	0.243	0.256	101.5	106.9	. 5.2

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0,500	0.485	97.0
MeSH	0.548	0.548	100.1
DMS	0.479	0.459	95.8

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD from Mean result.

PQ1, 50.0 pphV MDL 1.1 pphV



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 10/25/2023

Analyst: KM Units: ppbV Instrument ID: SCD#10 Calb. Date: : 07/11/2022

Opening Calibration Verification Standard

499.8 ppbV H2S (SSI 289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1852	502	100.5	0.4
Duplicate	1833	497	99.5	0.6
Triplicate	1849	502	100.4	0.2
547.5 ppbV H2S (SS1289	9)			

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2375	551	100.6	1.5
Duplicate	2329	540	98.6	0.5
Triplicate	2316	537	98.1	1.0

479.0 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2579	488	101.8	1.8
Duplicate	2653	502	104.7	1.0
Triplicate	2648	501	104.5	0.8

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< th=""></pql<>

Duplicate Analysis			Sample ID	231187-45761
Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0

Matrix Spike & Duplicate Sample ID 231438-46986 x2

		·	OHIMPIO ID	202.00 .0700	Z N.AM		
Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
•	Conc.	Added	Result	Result	% Rec **	% Rec **	
H ₂ S	<pql< td=""><td>249.9</td><td>270.0</td><td>268.4</td><td>108.1</td><td>107.4</td><td>0.6</td></pql<>	249.9	270.0	268.4	108.1	107.4	0.6
MeSH	<pql< td=""><td>273.8</td><td>298.5</td><td>292.6</td><td>109.1</td><td>106.9</td><td>2.0</td></pql<>	273.8	298.5	292.6	109.1	106.9	2.0
DMS	<pql< td=""><td>239.5</td><td>258.4</td><td>260.3</td><td>107.9</td><td>108.7</td><td>0.7</td></pql<>	239.5	258.4	260.3	107.9	108.7	0.7

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	499.8	483.3	96.7
MeSH	547.5	548.3	100.1
DMS	479.0	463.8	96.8

^{*}Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD fro. ssAS

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbVDMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV

CHAIN OF CUSTODY AND ANALYSIS REQUEST -- Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003	g · Phone: 805	-650-1642 -	Email: info@	aaclab.com -	1534 East	man Ave Su	ite A, Vent	ura, CA 93	003	AAC Project No.:
Client/Company Name	Project Name	19				Anal	ysis Requested	sted		Send Report To (Name/Email/Address)
SCS ENGINEERS	CHIQUITA	[A [ON	OFF							nschafer@scsengineers com
PAUL SCHAFER	01204123.2	O1204123.21 TASK 22	2	:	-	Γ			-	rhuff@scsengineers.com
Turnaround Time	Sampler Name 🍂	re 🍂	•	8	JR	LIS				Send invoice To (Name/Email/Address)
☐ Rush 24 h ☐ Same Day	Print: Amount			9	JLFU	JLL				
☑ Rush 72 h ☐ Normal	Signature:	S. S. S. S. S. S. S. S. S. S. S. S. S. S			1 SU	5 FU				PO Number
Client Sample Name	Sample ID	Sampling	Sampling	Container	307.9	ТО-				
NS-10	2 12.7	10/20	11/2	Jenny And And And And And And And And And And		<			-	
b0-5W	50759		こう		X	× -				Sun Francisco
5 Find Lincolm	50460	S Tongstone	0000		×	×				
MS-11	50461	1	1258	1	X.	メ				
18-12	29 hos		0 2 2	1	×	×				
56V	50463		1137		X	X				
CAIRVITE CYE KON	2046A		8580	1	×	X				The second of the second
M3:00	20465		in the second	1	Χ.	X				
30.00	29466	r comerce	000	1	X.	X				Sales Bull Sales
1 Can Com	30467	4	6460	1	X	X			-	
Client Notes/Special Instructions:								Para salah		
							EDD? □Yes			
							No.			
Print: Armado Hortzado		44 484	Received By Print:				Date loh-w/	ر د		
Relinquished By		Time (50)	Signature:				Time ()	٩.		
Signature:		!	Print:	\ <u>\</u>			- (
- Signature		Time	Signature:		The Table of the State of the S		Time			

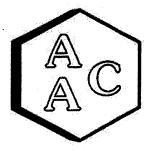
232189

CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consultin	a Dhone and	GEO 1643 - E			à 3 3 5 7				
Client/Company Name Project Name	Project Name	-030-T0-0-C	man: iiiio@i	aaciao.com ·	MSES PECT	man Ave Su	oute A, Ventura,	a, CA 93003	AAC Project No.:
SCS ENGINEERS	CHIOIITA	⊳	ON) OFF 1			Anai	Analysis Requested		Send Report 10 (Name/Email/Address)
Project Manager Name	Project Number	-	1.10	· · · ,					pschafer@scsengineers.com
PAUL SCHAFER	01204123.21	.21 TASK 22	2			Т			rhuff@scsengineers.com
Turnaround Time	Sampler Name	ne			JR	LIS			Sand Invoice To was (mailway)
□ Rush 24 h □ Same Day	Print: Homand		the state of		LFU	JLL :			A Section 11 to Associate Control Cont
☑ Rush 72 h ☐ Normal	Signature:	8. ¹³ .		,	I SU	5 FU	-		PO Number
		Sampling	Smaling	Containa	7.9	D-1			AT A WAR BAR WATER
client sample Name	Sample ID	Date	Time	Type/Qty	30'	TO			
working Face	89405	10/24	0.2	Tedlas	X/"	X		United the Control of	Lipedes .
25-03	Souba		1233	+	Χį	×			
Kerchon	CChas		1020	1	×	X	-		
10.04	50471		02280		×	X			
103-03	Jo472		0738	1	×	X			
M3-01	50473	~	0757	4	X	Χ.			
		The state of the s							Leave Medical Control of the Control
									Topilan.
	EMPINAL VIOLET V						-	-	
		AND THE RESIDENCE AND THE PROPERTY OF THE PROP							
	A LANGE TO SERVICE AND A LANGE TO SERVICE AND								
Client Notes/Special Instructions:					The second section of the second seco	The state of the s	EDD?		
							□Yes		
							□No		
ished By		Date / //	Received By						
Signature: A Martineto		10/24	Print:			1	Cate		
Relinquished By		Date	Received By)			Time		
Signature:		!	Print:				(Theles		Ŋ.
		ime	Signature:	1			Time Jos		

AAC COC Rev 3

Issued 02/04/2021



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita ON/OFF

PROJECT NO.

: 01204123.21 TASK 22

AAC PROJECT NO.

: 232303

REPORT DATE

: 11/10/2023

On November 7, 2023, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Client ID	Lab ID
MS-06	232303-50990	SCV	232303-50999
MS-07	232303-50991	MS-01	232303-51000
MS-08	232303-50992	MS-02	232303-51001
MS-09	232303-50993	MS-03	232303-51002
MS-10	232303-50994	MS-04	232303-51003
MS-11	232303-50995	MS-05	232303-51004
MS-12	232303-50996	Reaction	232303-51005
Chiquito Cyn Rd	232303-50997	Working Face	232303-51006
S End Lincoln	232303-50998		

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

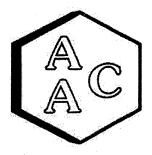
I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. Ethanol in "Working Face" (51006) was detected above calibration range, however there was insufficient volume in the Tedlar Bag for additional dilution. These samples were received in Tedlar Bags, which are considered inappropriate containers by EPA Method TO-15. Per NELAC requirements the analytical results should be considered estimated for these samples. No other problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Technical Dir

This report consists of 29 pages.



Laboratory Analysis Report

CLIENT: SCS Engineers

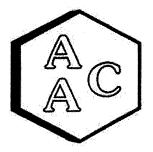
PROJECT NO: 232303

MATRIX : AIR UNITS : PPB (v/v) DATE RECEIVED: 11/07/2023

DATE REPORTED: 11/10/2023

ANALYST: DL/CH

Client ID	T	MS-06		Sample	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	MS-07		Sample	
AAC ID		232303-509		, - 1		232303-509			Method
Date Sampled		11/07/202		Reporting		11/07/202		Reporting	Reporting
Date Analyzed		11/08/202	3	Limit		11/08/202	3	Limit	Limit
Can Dilution Factor		1.00	4	(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	` ,
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	0.50		1	0.50	0,56		11	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methanol	53.3		1	5.00	84.7		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ü	1	0,50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	42.1		1	2.00	66.9		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	11.1		1	2.00	15.8		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	7,38		1	2.00	51.4		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1,00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
2-Butanone (MEK)	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ŭ	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Chloroform	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	0.62		1	0.50	0.95		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ū	1	0.50	0,50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232303 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 11/07/2023

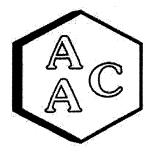
DATE REPORTED: 11/10/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID		MS-06 232303-509	90	Sample		MS-07 232303-509	91	Sample	Method
Date Sampled		11/07/202		Reporting		11/07/202		Reporting	Reporting
Date Analyzed		11/08/202		Limit		11/08/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>111</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>111</td><td>0.50</td><td>0.50</td></srl<>	U	111	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.60</td><td></td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.60		11	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.53</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.53		1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	10.0		1	0.50	16.9		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ū</td><td>• 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	• 1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>Ü</td><td>i</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	i	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>ĺ</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>ĺ</td><td>0.50</td><td>0.50</td></srl<>	Ü	ĺ	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
o-Xviene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>ī</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	ī	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	Ü	ī	0.50	0.50
BFB-Surrogate Std. % Recovery	5102	98%				99%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

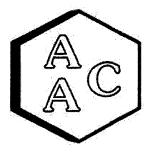
PROJECT NO: 232303

MATRIX : AIR UNITS: PPB (v/v) DATE RECEIVED: 11/07/2023

DATE REPORTED: 11/10/2023

ANALYST: DL/CH

Client ID		MS-08		Sample		MS-09		Sample	
AAC ID		232303-509	92			232303-509			Method
Date Sampled		11/07/202	3	Reporting		11/07/202		Reporting	Reporting
Date Analyzed		11/08/202	3	Limit		11/08/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	0.53		1	0.50	0.51		1	0,50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	62.9		1	5.00	72.1		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Ethanol	48.7		1	2.00	54.6		1	2.00	2.00
Vinvl Bromide	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Acetone	12.2		1	2.00	15.6		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	8.65		1	2.00	10.7	•	1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>. U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	. U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1,00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1,00</td><td>1.00</td></srl<>	U	11	1,00	1.00
Allyl Chloride	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Carbon Disulfide	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ŭ	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<>	U	11	0.50	0,50
trans-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2,00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2,00</td></srl<>	U	1	2.00	2,00
cis-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Hexane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	0.67		1	0.50	0.81		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ū	1	0,50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Benzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232303

MATRIX : AIR
UNITS : PPB (v/v)

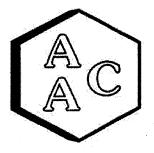
DATE RECEIVED: 11/07/2023

DATE REPORTED: 11/10/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-08		Sample		MS-09		Sample	
AAC ID		232303-509		Reporting		232303-509		Reporting	Method
Date Sampled		11/07/202		Limit		11/07/202		Limit	Reporting
Date Analyzed		11/08/202	3]		11/08/202	3		Limit
Can Dilution Factor		1.00	,	(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<></td></srl<>	U	11	2.00	<srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<>	U	1	2,00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<>	U	11	0.50	0,50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<>	U	1	2,00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Toluene	11.0		1	0.50	11.3		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ŭ	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ü	1	0,50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>i</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	i	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
o-Xylene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ü	1	0,50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>ì</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	ì	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ū·</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.50	<srl< td=""><td>Ū·</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū·	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
BFB-Surrogate Std. % Recovery	30100	98%		- 1	***************************************	99%			70-130%



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232303

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 11/07/2023

DATE REPORTED: 11/10/2023

ANALYST: DL/CH

Client ID		MS-10	***************************************	Sample		MS-11		Sample	
AAC ID		232303-509	94			232303-509			Method
Date Sampled		11/07/202		Reporting		11/07/202		Reporting	Reporting
Date Analyzed		11/08/202	3	Limit		11/08/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	. ,
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	0.55		1	0.50	0.52		11	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>11</td><td>0,50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0,50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methanol	64.9		11	5.00	67.3		11	5,00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td><srl< td=""><td>U</td><td>1</td><td>1,00</td><td>1.00</td></srl<></td></srl<>	U	1	1,00	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td>1.00</td></srl<>	U	1	1,00	1.00
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Ethanol	52.2		1	2.00	53.9		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Acetone	19.2		1	2.00	21.6		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	9.15		1	2.00	9.80		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1,00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1,00</td></srl<>	U	1	1.00	1,00
Allyl Chloride	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinvl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Butanone (MEK)	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ŭ	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	0.73		1	0.50	0.85		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232303 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 11/07/2023

DATE REPORTED: 11/10/2023

ANALYST: DL/CH

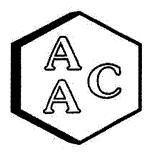
VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-10		Sample		MS-11		Sample	
AAC ID		232303-509		Reporting		232303-509		Reporting	Method
Date Sampled		11/07/202			· · · · · · · · · · · · · · · · · · ·	11/07/202		Limit	Reporting
Date Analyzed		11/08/202	3	Limit		11/08/202	3		Limit
Can Dilution Factor		1,00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Heptane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<>	U	1	2,00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	7,46		1	0.50	11.8		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ŭ	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td> 1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
BFB-Surrogate Std. % Recovery	2.32	101%			7	98%			70-130%

U - Compound was not detected at or above the SRL.

E-Compound detected above calibration range, insufficient volume in Tedlar Bag for additional dilution.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232303

MATRIX : AIR UNITS : PPB (v/v) DATE RECEIVED: 11/07/2023

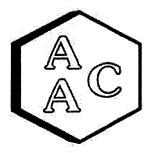
DATE REPORTED: 11/10/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	ļ	MS-12		Sample		Chiquito Cyr		Sample	24.1
AAC ID	ļ	232303-509		Reporting		232303-509		Reporting	Method
Date Sampled	-	11/07/202		Limit		11/07/202 11/08/202		Limit	Reporting
Date Analyzed		11/09/202 1.00	<u> </u>	1 1		1.00	3	(SRL)	Limit
Can Dilution Factor			· · · · · · · · · · · · · · · · · · ·	(SRL)	<u></u>	T	Γ		(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluóromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.57</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.57		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methanol	63.6		1	5,00	69.8		11	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	64.8		1	2.00	59.5		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Acetone	14.1		1	2.00	15.9		1	2,00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	11.4		1	2.00	10.3		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>, 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	, 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1,00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td>1.00</td></srl<>	U	1	1,00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	0.86		1	0.50	0.80		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Benzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50

www.aaclab.com • (805) 650-1642



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232303

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 11/07/2023

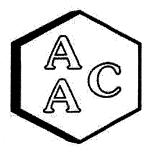
DATE REPORTED: 11/10/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-12		Sample		Chiquito Cyr		Sample	
AAC ID		232303-509				232303-509		Reporting	Method
Date Sampled		11/07/202		Reporting		11/07/202			Reporting
Date Analyzed		11/09/202	3	Limit		11/08/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	`
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<>	U	11	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Toluene	9.89		1	0.50	13.2		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
1.2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<\$RL	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	i	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
BFB-Surrogate Std. % Recovery		99%				96%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232303

MATRIX : AIR

UNITS: PPB (v/v)

DATE RECEIVED: 11/07/2023

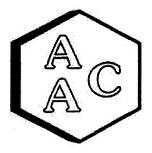
DATE REPORTED: 11/10/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		S End Linc		Sample		SCV		Sample	
AAC ID		232303-509		Reporting		232303-509		Reporting	Method
Date Sampled		11/07/202				11/07/202			Reporting
Date Analyzed		11/08/202	3	Limit		11/08/202	3	Limit	Limit
Can Dilution Factor		1.00	····	(SRL)		1.00	·	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	, ,
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Dichlorodifluoromethane	0.61		1	0.50	0.54		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U.</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U.</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U.	11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methanol	72.5		1	5.00	59.6		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	69.1		1	2.00	53.8		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	16.5		1	2.00	13.9		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	12.7		1	2.00	9.70		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>IJ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	IJ	1	0.50	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	U	. 1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Butanone (MEK)	<srl< td=""><td>Ū</td><td>i</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū	i	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroform	SRL	Ü	i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Ethyl Acetate	0.89		1	0.50	0.98		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ŭ</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	ī	0.50	0.50
			i i			Ü	ī	0.50	0.50
Benzene	<srl <srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>i</td><td></td><td></td></srl<></td></srl<></srl 	Ü	1	0.50	<srl< td=""><td></td><td>i</td><td></td><td></td></srl<>		i		

www.aaclab.com • (805) 650-1642



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232303

MATRIX : AIR

UNITS: PPB (v/v)

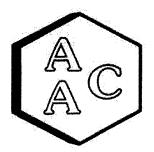
DATE RECEIVED: 11/07/2023

DATE REPORTED: 11/10/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		S End Line		Sample	ole SCV 232303-50999			Sample	
AAC ID		232303-509		Reporting				Reporting	Method
Date Sampled		11/07/202				11/07/202		Limit	Reporting
Date Analyzed		11/08/202	3	Limit		11/08/202	3		Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<>	U	11	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	12.8		1	0.50	11.7		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<></td></srl<>	Ŭ	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<>	U	1	2,00	2.00
Dibromochloromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>. 1</td><td>0.50</td><td>0.50</td></srl<>	Ü	. 1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>- 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	- 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xvlene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
BFB-Surrogate Std. % Recovery	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	98%				98%			70-130%



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232303

UNITS : PPB (v/v)

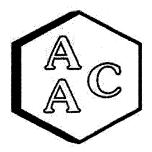
MATRIX : AIR

DATE RECEIVED: 11/07/2023

DATE REPORTED: 11/10/2023

ANALYST: DL/CH

Client ID		MS-01		Cample		MS-02		Sample	
AAC ID		232303-510	000	Sample		232303-510	001		Method
Date Sampled		11/07/202	3	Reporting		11/07/202	3	Reporting	Reporting
Date Analyzed		11/08/202	3	Limit		11/08/202	3	Limit	Limit
Can Dilution Factor		1.00		SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	0.60		1	0.50	0.63		1	0.50	0,50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	73.9		1	5.00	104		1	5.00	5,00
1,3-Butadiene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	65.6		1	2.00	67.2		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Acetone	13.6		1	2.00	16.2		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
2-Propanol (IPA)	6.68		1	2.00	56.5		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>-1</td><td>2,00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>-1</td><td>2,00</td><td>2.00</td></srl<>	U	-1	2,00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Butanone (MEK)	<srl< td=""><td>Ü</td><td>i</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	i	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>l i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	l i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>l i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	l i	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Ethyl Acetate	0.60		l i	0.50	1.03		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U ·</td><td>i i</td><td>0.50</td><td>0.69</td><td></td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U ·	i i	0.50	0.69		i	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.1-Trichloroethane	SRL SRL	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzene	0.59		i	0.50	0.76		î	0.50	0.50
Delizotte			· · · · · ·	<u> </u>	<u> </u>			<u> </u>	



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232303 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 11/07/2023

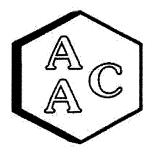
DATE REPORTED: 11/10/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Date Sampled 11/07/2023 Limit 11/07/2023 Limit 11/07/2023 Limit 11/07/2023 Limit 11/07/2023 Limit 11/08/2023 Limit 10/08/204 Limit 10/05/20	Client ID		MS-01		Sample		MS-02		Sample	
Date Analyzed										Method
Carbon Tetrachloride						~				Reporting
Compound Result Qualifier Analysis DF (MRLxDF's) Result Qualifier Analysis DF (MRLxDF's)				3		·		3		Limit
Carbon Tetrachloride	Can Dilution Factor		1.00				1.00			(MRL)
Cyclohexane	Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	<u> </u>	
Color Colo	Carbon Tetrachloride			l i			U	1		0.50
Section Sect				1				11		0.50
Trichloroethene CTCE CSRL U 1 2.00 CSRL U 1 2.00 2.0				1				11		0.50
Trichloroethene (TCE)	Bromodichloromethane			- 1				1		0.50
Company				1				11		2.00
Heptane	Trichloroethene (TCE)			1				1		0.50
Cis-1,3-Dichloropropene	2,2,4-Trimethylpentane			1				11		0.50
A-Methyl-2-pentanone (MiBK)				1				1		0,50
Trans-1,3-Dichloropropene	cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.50			1		0.50
1,1,2-Trichloroethane	4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td><srl< td=""><td></td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ŭ	1	2.00	<srl< td=""><td></td><td>1</td><td>2.00</td><td>2.00</td></srl<>		1	2.00	2.00
Toluene	trans-1,3-Dichloropropene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50
Color	1.1.2-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dibromochloromethane	Toluene	21.6		1	0.50	22.2		1		0.50
Dibromochloromethane	2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td></td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td></td><td>1</td><td>2.00</td><td>2.00</td></srl<>		1	2.00	2.00
Tetrachloroethene (PCE)		<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Chlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.03</td><td></td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ŭ	1	1.00	1.03		1	1.00	1.00
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
o-Xylene <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 0.6 4-Ethyltoluene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.5 1,3,5-Trimethylbenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.5 1,2,4-Trimethylbenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.5 Benzyl Chloride (a-Chlorotoluene) <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.5 1,3-Dichlorobenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.5</srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<>			U	1	0.50	<srl< td=""><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>		1	0.50	0.50
4-Ethyltoluene <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 0.5 1.3.5-Trimethylbenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.5 1.2.4-Trimethylbenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.5 Benzyl Chloride (a-Chlorotoluene) <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.5 1.3-Dichlorobenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.5</srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<>			U	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
I_3,5-Trimethylbenzene <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 0.5 I_2,4-Trimethylbenzene <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 0.5 Benzyl Chloride (a-Chlorotoluene) <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 0.5 I_3-Dichlorobenzene <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 0.5</srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<>				1			Ū	1	0.50	0.50
1.2.4-Trimethylbenzene SRL U 1 0.50 <srl< th=""> U 1 0.50 0.5 Benzyl Chloride (a-Chlorotoluene) <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.5 1,3-Dichlorobenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.5</srl<></srl<></srl<></srl<></srl<>			U	1				1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene) SRL U 1 0.50 SRL U 1 0.50 0.5				1				1	0.50	0.50
1,3-Dichlorobenzene				i				1		0.50
				i				i		0.50
1.4-Dichlorobenzene	1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
				i				i		0.50
				i				i	0.50	0.50
				i				1		0.50
		7.5					98%		1	70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232303 MATRIX: AIR

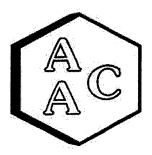
UNITS: PPB (v/v)

DATE RECEIVED: 11/07/2023

DATE REPORTED: 11/10/2023

ANALYST: DL/CH

Client ID	T	MS-03		CI-	CHICAL CO. (1874)	MS-04		Sample	
AAC ID		232303-510	002	Sample		232303-510	003		Method
Date Sampled		11/07/202	3	Reporting		11/07/202		Reporting	Reporting
Date Analyzed		11/08/202	3	Limit		11/08/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL) [1,00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	0.62		11	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methanol	66.4		11	5.00	99.5		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Ethanol	52,2		1	2.00	69.8		1	2,00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	11.5		1	2.00	14.6		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	9.80		1	2.00	58.1		. 1	2,00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Q</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Q</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Q	1	0.50	0.50
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	0.86		1	0.50	1.10		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
		1	·				·		



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232303 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 11/07/2023

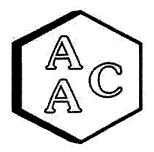
DATE REPORTED: 11/10/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-03		Sample		MS-04		Sample	
AAC ID		232303-510				232303-510		Reporting	Method
Date Sampled		11/07/202		Reporting		11/07/202			Reporting
Date Analyzed		11/08/202	3	Limit		11/08/202	3	Limit	Limit
Can Dilution Factor		1.00		SRL)		1.00	· · · · · · · · · · · · · · · · · · ·	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.99</td><td></td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.99		11	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.83</td><td></td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.83		11	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ŭ	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Toluene	10.4		1	0.50	27.9		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2,00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2,00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>^<srl< td=""><td>Ū</td><td>1</td><td>1,00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	^ <srl< td=""><td>Ū</td><td>1</td><td>1,00</td><td>1.00</td></srl<>	Ū	1	1,00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>ı</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i i	0.50	<srl< td=""><td>Ü</td><td>ı</td><td>0.50</td><td>0.50</td></srl<>	Ü	ı	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
BFB-Surrogate Std. % Recovery	10150	100%		*****		96%	·····		70-130%
II Commission of the covery		100/0							





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232303 MATRIX: AIR

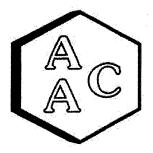
UNITS: PPB (v/v)

DATE RECEIVED: 11/07/2023

DATE REPORTED: 11/10/2023

ANALYST: DL/CH

Client ID		MS-05		Sample		Reaction		Sample	
AAC ID		232303-510				232303-510		Reporting	Method
Date Sampled		11/07/202		Reporting		11/07/202		, , ,	Reporting
Date Analyzed		11/08/202	3	Limit [11/08/202	3	Limit	Limit
Can Dilution Factor		1.00	,	(SRL)		1.00	г	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>5.74</td><td></td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	5.74		1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.54</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.54		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methanol	110		11	5.00	118		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	U	1 1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	86.9		1	2.00	57.6		11	2,00	2.00
Vinvl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Acetone	17.2		1	2.00	17.5		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
2-Propanol (IPA)	75.0		1	2.00	8.83		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Carbon Disulfide	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ŭ	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>5.16</td><td></td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	5.16		1	2.00	2.00
cis-1.2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Ethyl Acetate	1.25		1	0.50	0.64		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>7.24</td><td></td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ü	1	0,50	7.24		1	0.50	0,50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>10.3</td><td></td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	10.3		i i	0.50	0.50
Politorio	1 -0140		·						



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232303 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 11/07/2023

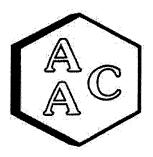
DATE REPORTED: 11/10/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Date Sampled 11/07/2023 Limit Can Dilution Factor 1.00 (SRL) Limit Can Dilution Factor 1.00 (SRL) Limit Limit Limit (SRL) Limit Limit Limit (SRL) Limit Client ID		MS-05		Sample		Reaction		Sample		
Date Analyzed										Method
Carbon Factor	Date Sampled									Reporting
Carbon Tetrachloride				3	J L			3		Limit
Carbon Tetrachloride	Can Dilution Factor		1.00				1.00			
Cyclohexane	Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result		Analysis DF	(MRLxDF's)	
1.2-Dichloropropane			U	1				1		
Bromodichloromethane				1				1		
1.4-Dioxane				1				11		
Trichloroethene (TCE)	Bromodichloromethane			1				11		
2.2.4-Trimethylpentane				1				1		
Heptane	Trichloroethene (TCE)			1				1		
cis-1,3-Dichloropropene < SRL U 1 0.50 < SRL U 1 0.50 .050 4-Methyl-2-pentanone (MiBK) - <srl< td=""> U 1 2.00 <srl< td=""> U 1 2.00 2.00 trans-1,3-Dichloropropene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 .050 1,1,2-Trichloroethane <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 .050 Toluene 23.6 1 0.50 19.4 1 0.50 0.50 2-Hexanone (MBK) <srl< td=""> U 1 2.00 <srl< td=""> U 1 0.50 2.50 2-Hexanone (MBK) <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 2.50 1 0.50 .050 1 1 0.50 .050 1 1 0.50 .050 .050 .050<!--</td--><td>2,2,4-Trimethylpentane</td><td></td><td></td><td>1</td><td></td><td></td><td></td><td>11</td><td></td><td></td></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<>	2,2,4-Trimethylpentane			1				11		
A-Methyl-2-pentanone (MiBK)				1				1		
Trans-1,3-Dichloropropene				11				11		
1,1,2-Trichloroethane	4-Methyl-2-pentanone (MiBK)			1	2.00			1		
Toluene	trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td></td></srl<>	U	1	0.50			1		
2-Hexanone (MBK)	1.1.2-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td></td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td></td></srl<>	U	1	0,50	
Dibromochloromethane	Toluene	23.6		1	0.50	19.4		1	0.50	
1,2-Dibromoethane	2-Hexanone (MBK)	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td></td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td></td></srl<>	Ŭ	1	2.00	
Tetrachloroethene (PCE)	Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td></srl<>	U	1	0.50	
Ethylbenzene	Tetrachloroethene (PCE)	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td></srl<>	U	1	0.50	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Chlorobenzene	<srl< td=""><td>U</td><td>I</td><td>0,50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	I	0,50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Mr. & p-Xylene		<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.60</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.60		1	0.50	0.50
Styrene	m & p-Xylene	<srl< td=""><td>U</td><td>. 1</td><td>1.00</td><td><srl< td=""><td></td><td>1</td><td>1.00</td><td></td></srl<></td></srl<>	U	. 1	1.00	<srl< td=""><td></td><td>1</td><td>1.00</td><td></td></srl<>		1	1.00	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td></srl<>	U	1	0.50	
o-Xylene <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 0.50 4-Ethyltoluene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50 1,3,5-Trimethylbenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50 1,2,4-Trimethylbenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50 Benzyl Chloride (a-Chlorotoluene) <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50 1,3-Dichlorobenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50 1,3-Dichlorobenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50 1,4-Dichlorobenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50 1,2-Dichlorobenzene <srl< td=""> U 1<td>Styrene</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td>0.50</td><td></td></srl<></td></srl<></td></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<>	Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td>0.50</td><td></td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td></td><td>1</td><td>0.50</td><td></td></srl<>		1	0.50	
4-Ethyltoluene	1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	4-Ethyltoluene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td></td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td></td></srl<>	Ū	1	0.50	
Benzyl Chloride (a-Chlorotoluene)	1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td></srl<>	U	1	0.50	
Benzyl Chloride (a-Chlorotoluene) SRL U 1 0.50 SRL U 1 0.50 0.50 1,3-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,4-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,2-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,2-Trichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,2-Trichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 Hexachlorobutadiene SRL U 1 0.50 SRL U 1 0.50 0.50 Hexachlorobutadiene SRL U 1 0.50 SRL U 1 0.50 0.50 SRL U 1 0.50 SRL U 1 0.50 0.50 SRL U 1 0.50 SRL U 1 0.50 0.50 SRL U 1 0.50 SRL U 1 0.50 0.50 SRL U 1 0.50 SRL U 1 0.50 0.50 SRL U 1 0.50 SRL U 1 0.50 0.50 SRL U 1 0.50 SRL U 1 0.50 0.50 SRL U 1 0.50 SRL U 1 0.50 0.50 SRL U 1 0.50 SRL U 1 0.50 0.50 SRL U 1 0.50 SRL U 1 0.50 0.50 SRL U 1 0.50 SRL U 1 0.50 0.50 SRL U 1 0.50 SRL U 1 0.50 0.50 SRL U 1 0.50 SRL U 1 0.50 0.50 SRL U 1 0.50 SRL U 1 0.50 0.50 SRL U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 SRL U U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 SRL U U 1 0.50 SRL U U U U U U U U U		<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td></td><td></td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td></td></srl<>		1		
1,3-Dichlorobenzene <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 0.50 1,4-Dichlorobenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50 1,2-Dichlorobenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50 1,2,4-Trichlorobenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50 Hexachlorobutadiene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50</srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<>			U	1	0.50	<srl< td=""><td></td><td>1</td><td>0.50</td><td></td></srl<>		1	0.50	
1,4-Dichlorobenzene <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 0.50 1,2-Dichlorobenzene <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 0.50 1,2,4-Trichlorobenzene <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 0.50 Hexachlorobutadiene <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 0.50</srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<>			U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td></srl<>	U	1	0.50	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			Ü	1			U	1	0.50	0.50
1,2,4-Trichlorobenzene <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 0.50 Hexachlorobutadiene <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 0.50</srl<></srl<></srl<></srl<>			Ū	1			U	1	0.50	0.50
Hexachlorobutadiene <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 0.50</srl<></srl<>			Ū	1			U	1	0.50	0.50
				1				1	0.50	0.50
BFB-Surrogate Std. % Recovery 1 96% 101% 101% 170-1309	BFB-Surrogate Std. % Recovery	~	96%		2 2 3 1		101%	· · · · · · · · · · · · · · · · · · ·		70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232303 MATRIX: AIR

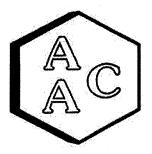
UNITS: PPB (v/v)

DATE RECEIVED: 11/07/2023

DATE REPORTED: 11/10/2023

ANALYST: DL/CH

Client ID	Working Face			Sample	
AAC ID	232303-51006			Reporting	Method
Date Sampled	11/07/2023			Limit	Reporting
Date Analyzed	11/09/2023 1.00				Limit
Can Dilution Factor				(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Propene	2.34		1	1.00	1.00
Dichlorodifluoromethane	0.65		. 1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Vinyl Chloride	<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ü	11	0.50	0.50
Methanol	102		11	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ŭ	1	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	429	Е	1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	18.8		1	2.00	2,00
Trichlorofluoromethane	1.35		1	0,50	0.50
2-Propanol (IPA)	70.4		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinvl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Butanone (MEK)	6.19	· · · · · · · · · · · · · · · · · · ·	1	2.00	2.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Ethyl Acetate	4.33		ī	0.50	0.50
Tetrahydrofuran	0.68	1.	1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>IJ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	IJ	1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Benzene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
		L			



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232303 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 11/07/2023

DATE REPORTED: 11/10/2023

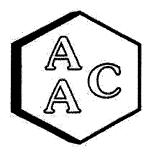
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	.]	Working Face			
AAC ID	<u></u>	232303-51006			Method
Date Sampled		11/07/2023			Reporting
Date Analyzed		11/09/2023			Limit
Can Dilution Factor		1.00			(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	1.14		1	0.50	0.50
1,2-Dichloropropane	0.72		11	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	15.8		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Bromoform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Styrene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
o-Xvlene	SRL	Ŭ	î	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ŭ	1	0.50	0,50
1,3,5-Trimethylbenzene	SRL SRL	Ü	i	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	SRL SRL	Ü	1	0.50	0.50
1.3-Dichlorobenzene	SRL SRL	Ü	1	0.50	0.50
1.4-Dichlorobenzene	SRL SRL	U	1	0.50	0.50
1.2-Dichlorobenzene	SRL SRL	Ü		0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
	<srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<>	U		0.50	0.50
Hexachlorobutadiene	<2KL	100%	I	0.30	70-130%
BFB-Surrogate Std. % Recovery U - Compound was not detected at or above	d- CDI	100%			70-130%

E-Compound detected above calibration range, insufficient volume in Tedlar Bag for additional dilution.





QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/08/2023

MATRIX: High Purity N₂

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-03

CALIBRATION STD ID: MS1-051623-01

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 10/09/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery
4-BFB (surrogate standard)	9.40	9.57	102
Chlorodifluoromethane	10.40	9.92	95
Propene	10.60	10.44	98
Dichlorodifluoromethane	10.40	10.05	97
Dimethyl Ether	10.20	9.83	96
Chloromethane	10.40	10.93	105
Dichlorotetrafluoroethane	10.30	9.62	93
Vinyl Chloride	10.50	10.49	100
Acetaldehyde	21.10	20.16	96
Methanol	18.80	21.88	116
1,3-Butadiene	10.60	10.33	97
Bromomethane	10.40	9.93	95
Chloroethane	10.30	11.01	107
Dichlorofluoromethane	10.20	9.73	95
Ethanol HR	11.20	14.62	131
Vinyl Bromide	10.10	10.21	101
Acrolein	11.10	11.07	100
Acetone	10.60	10.81	102
Trichlorofluoromethane	10.50	10,10	96
2-Propanol (IPA)	11.00	12.66	115
Acrylonitrile	11.20	11.38	102
1,1-Dichloroethene	10.40	9.89	95
Methylene Chloride (DCM)	10.50	9.42	90
TertButanol (TBA) HR	11.10	14.96	135
Allyl Chloride	10.20	9.59	94
Carbon Disulfide	10.50	10.04	96
Trichlorotrifluoroethane	10.40	9.49	91
trans-1,2-Dichloroethene	10.60	10.54	99
1,1-Dichloroethane	10.50	10.39	99
Methyl Tert Butyl Ether (MTBE)	10.50	9.94	95
Vinyl Acetate	11.00	10.82	98
2-Butanone (MEK)	10.60	9.83	93
cis-1,2-Dichloroethene	10.50	10.29	98
Hexane	10.70	11.33	106
Chloroform	10.60	10.24	97
Ethyl Acetate	10.60	10.04	95
Tetrahydrofuran	10.20	9.72	95
1,2-Dichloroethane	10.50	9.99	95
1,1,1-Trichloroethane	10.40	10.02	96
Benzene	10.60	10.81	102
Carbon Tetrachloride	10.20	10.39	102
Cyclohexane	10.50	11.48	109

Analyte Compounds (Continued)	Source 1	CCV ²	% Recovery 3
1,2-Dichloropropane	10.50	10.96	104
Bromodichloromethane	10,40	11.05	106
1,4-Dioxane HR	10.40	14.53	140
Trichloroethene (TCE)	10.40	10.63	102
2,2,4-Trimethylpentane	10.00	10,48	105
Methyl Methacrylate	11.00	11.69	106
Heptane	10.50	10.60	101
cis-1,3-Dichloropropene	10.40	10.78	104
4-Methyl-2-pentanone (MiBK)	10.40	11.71	113
trans-1,3-Dichloropropene	10.50	11.05	105
1,1,2-Trichloroethane	10.50	10.69	102
Toluene	10.60	11,29	107
2-Hexanone (MBK)	10.50	13.36	127
Dibromochloromethane	10.30	10.56	103
1,2-Dibromoethane	10.60	10.61	100
Tetrachloroethene (PCE)	10.40	10.80	104
Chlorobenzene	10.60	10,57	100
Ethylbenzene	10.50	10.81	103
m & p-Xýlene	21.00	21.72	103
Bromoform	10.50	10.83	103
Styrene	10.50	11.17	106
1,1,2,2-Tetrachloroethane	10.50	11.13	106
o-Xylene	10.50	11.10	106
1,2,3-Trichloropropane	11.00	11.57	105
Isopropylbenzene (Cumene)	10.30	10.41	101 `
α-Pinene	10.70	11.22	105
2-Chlorotoluene	10.30	10.80	105
n-Propylbenzene	10.10	10.50	104
4-Ethyltoluene	10.30	10.88	106
1,3,5-Trimethylbenzene	10.30	10.26	100
β-Pinene	11.00	11.63	106
1,2,4-Trimethylbenzene	, 10,30	10.58	103
Benzyl Chloride (a-Chlorotoluene)	10.40	10.27	99
1,3-Dichlorobenzene	10.40	10.84	104
1,4-Dichlorobenzene	10.30	10.65	103
Sec-ButylBenzene	10.10	10.08	100
1,2-Dichlorobenzene	10.60	10.48	99
n-ButylBenzene	10.20	10.84	106
1,2-Dibromo-3-Chloropropane	10.10	10.84	107
1,2,4-Trichlorobenzene	11.00	11.54	105
Naphthalene	11.50	13.12	114
Hexachlorobutadiene	11.00	10.77	98

HR - Recovery for this compound was high. Results should be considered biased high.

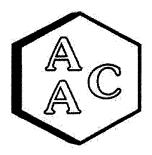


Page 20

¹ Concentration of analyte compound in certified source standard.

² Measured result from daily Continuing Calibration Verification (CCV).

 $^{^3}$ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/08/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity N2

CALIBRATION STD ID: MS1-051623-01

UNITS: PPB (v/v)

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

System Monitoring Compounds	Sample	Spike	LCS ¹	LCSD ¹	LCS ¹	LCSD 1	RPD ³
System Monitoring Compounds	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	KFD
4-BFB (surrogate standard)	0.0	9.40	9.57	9.16	102	97	4.4
1,1-Dichloroethene	0.0	10.40	9.89	10.97	95	105	10.4
Methylene Chloride (DCM)	0.0	10.50	9.42	10.87	90	104	14.3
Benzene	0.0	10.60	10.81	11.08	102	105	2.5
Trichloroethene (TCE)	0.0	10.40	10.63	10.36	102	100	2.6
Toluene	0.0	10.60	11.29	11.13	107	105	1.4
Tetrachloroethene (PCE)	0.0	10.40	10.80	10.60	104	102	1.9
Chlorobenzene	0.0	10.60	10.57	10.50	100	99	0.7
Ethylbenzene	0.0	10.50	10.81	10.96	103	104	1.4
m & p-Xylene	0.0	21.00	21.72	21.91	103	104	0.9
o-Xylene	0.0	10,50	11.10	10.78	106	103	2.9

¹Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)



² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/08/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity He or N2

ANALYST: DL

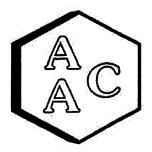
UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 110823	Reporting Limit (RL)
4-BFB (surrogate standard)	94%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5
Allyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
2-Butanone (MEK)	<rl< td=""><td>2.0</td></rl<>	2.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0.5</td></rl<>	0.5
Cyclohexane	<rl< td=""><td>0.5</td></rl<>	0.5

Analyte Compounds (Continued)	MB 110823	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>1.0</td></rl<>	1.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>2.0</td></rl<>	2.0
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>2.0</td></rl<>	2.0
Dibromochloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	· <rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0,5</td></rl<>	0,5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
I,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/08/2023

MATRIX: Air UNITS: PPB (v/v) INSTRUMENT ID: GC/MS-03

ANALYST: DL

DILUTION FACTOR¹: x1

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 232215-50577

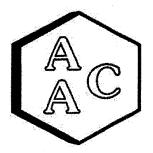
Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	9.33	9.21	1.3
Chlorodifluoromethane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Propene	6.66	7.02	5.3
Dichlorodifluoromethane	0,55	0.54	1.8
Dimethyl Ether	1.58	1.50	5.2
Chloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorotetrafluoroethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Vinyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetaldehyde	7.55	7.74	2.5
Methanol	20.1	18.7	7.5
1,3-Butadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromomethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Chloroethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Dichlorofluoromethane	<srl< td=""><td>SRL</td><td>NA .</td></srl<>	SRL	NA .
Ethanol	32.4	31.9	1.7
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrolein	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetone	15.1	13.9	7.9
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Propanol (IPA)	5.24	5,00	4.7
Acrylonitrile	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methylene Chloride (DCM)	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
TertButanol (TBA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Allyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Disulfide	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Trichlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
trans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Butanone (MEK)	13.4	13.2	1.5
cis-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethyl Acetate	6.86	6.61	3.7
Tetrahydrofuran	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichloroethane	<srl< td=""><td><\$RL</td><td>NÀ</td></srl<>	<\$RL	NÀ
1,1,1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Benzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Tetrachloride	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Cyclohexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichloroethene (TCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>NA ·</td></srl<></td></srl<>	<srl< td=""><td>NA ·</td></srl<>	NA ·
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Heptane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Toluene	1.38	1.34	2.9
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrachloroethene (PCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
m & p-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromoform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Styrene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,1,2,2-TetrachIoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
o-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Isopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
α-Pinene	1.12	1.15	2.6
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Ethyltoluene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,3,5-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
β-Pinene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
1,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Sec-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
n-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA NA</td></srl<></td></srl<>	<srl< td=""><td>NA NA</td></srl<>	NA NA
1,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Naphthalene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Hexachlorobutadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%). SRL - Sample Reporting Limit (minimum)





QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/09/2023

MATRIX: High Purity N₂

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-03

CALIBRATION STD ID: MS1-051623-01

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 10/09/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery
4-BFB (surrogate standard)	9,40	9.32	99
Chlorodifluoromethane	10,40	10.13	97
Propene	10.60	10.60	100
Dichlorodifluoromethane	10.40	10.16	98
Dimethyl Ether	10.20	10.51	103
Chloromethane	10.40	11.15	107
Dichlorotetrafluoroethane	10.30	9.83	95
Vinyl Chloride	10.50	10.78	103
Acetaldehyde	21.10	21.30	101
Methanol	18.80	23.70	126
1,3-Butadiene	10.60	11.32	107
Bromomethane	10.40	10.62	102
Chloroethane	10.30	11.65	113
Dichlorofluoromethane	10.20	10.12	99
Ethanol	11.20	13.60	121
Vinyl Bromide	10.10	10.13	100
Acrolein	11.10	12.14	109
Acetone	10.60	10.84	102
Trichlorofluoromethane	10.50	10.24	98
2-Propanol (IPA)	11.00	13,63	124
Acrylonitrile	11.20	11.58	103
1,1-Dichloroethene	10.40	10.30	99.
Methylene Chloride (DCM)	10.50	10.15	97
TertButanol (TBA) HR	11.10	15.98	144
Allyl Chloride	10.20	10.24	100
Carbon Disulfide	10.50	10.64	101
Trichlorotrifluoroethane	10.40	9.81	94
trans-1,2-Dichloroethene	10,60	10.91	103
1,1-Dichloroethane	10.50	10.66	102
Methyl Tert Butyl Ether (MTBE)	10.50	10.33	98
Vinyl Acetate	11.00	11.56	105
2-Butanone (MEK)	10.60	10.73	101
cis-1,2-Dichloroethene	10.50	10.81	103
Hexane	10.70	12.65	118
Chloroform	10.60	10.29	97
Ethyl Acetate	10.60	10.37	98
Tetrahydrofuran	10.20	10.54	103
1,2-Dichloroethane	10.50	9.91	94
1,1,1-Trichloroethane	10.40	10.03	96
Benzene	10.60	10.91	103
Carbon Tetrachloride	10.20	10.16	100
Cyclohexane	10.50	10.77	103

Analyte Compounds (Continued)	Source 1	CCV ²	% Recovery 3
1,2-Dichloropropane	10.50	10.80	103
Bromodichloromethane	10.40	10.47	101
1,4-Dioxane HR	10.40	15.27	147
Trichloroethene (TCE)	10.40	10.26	99
2,2,4-Trimethylpentane	10.00	10.42	104
Methyl Methacrylate	11.00	11.08	101
Heptane	10.50	10.60	101
cis-1,3-Dichloropropene	10.40	10.70	103
4-Methyl-2-pentanone (MiBK)	10.40	11.89	114
trans-1,3-Dichloropropene	10.50	11.00	105
1,1,2-Trichloroethane	10.50	10.90	104
Toluene	10,60	11.05	104
2-Hexanone (MBK)	10.50	13.61	130
Dibromochloromethane	10.30	10.22	99
1,2-Dibromoethane	10.60	10.52	99
Tetrachloroethene (PCE)	10,40	10.53	101
Chlorobenzene	10,60	10.97	103
Ethylbenzene	10.50	11.04	105
m & p-Xylene	21.00	21.91	104
Bromoform	10.50	10.69	102
Styrene	10.50	11.07	105
1,1,2,2-Tetrachloroethane	10,50	11,23	107
o-Xylene	10.50	11.09	106
1,2,3-Trichloropropane	11.00	11.22	102
Isopropylbenzene (Cumene)	10.30	10.56	103
α-Pinene	10.70	11,13	104
2-Chlorotoluene	10.30	10.46	102
n-Propylbenzene	10.10	10.45	103
4-Ethyltoluene	10.30	10.75	104
1,3,5-Trimethylbenzene	10.30	10.29	100
β-Pinene	11.00	11.83	108
1,2,4-Trimethylbenzene	10.30	10.50	102
Benzyl Chloride (a-Chlorotoluene)	10.40	10.29	99
1,3-Dichlorobenzene	10.40	10.59	102
1,4-Dichlorobenzene	10.30	10.31	100
Sec-ButylBenzene	10.10	10.11	100
1,2-Dichlorobenzene	10.60	10.33	97
n-ButylBenzene	10.20	10.54	103
1,2-Dibromo-3-Chloropropane	10.10	10.63	105
1,2,4-Trichlorobenzene	11.00	11.79	107
Naphthalene	11.50	13.32	116
Hexachlorobutadiene	11.00	10.79	98

HR - Recovery for this compound was high. Results should be considered biased high.



¹ Concentration of analyte compound in certified source standard.

² Measured result from daily Continuing Calibration Verification (CCV).

 $^{^3}$ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/09/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity N2

CALIBRATION STD ID: MS1-051623-01

UNITS: PPB (v/v)

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

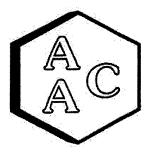
Sustan Manitoring Commonada	Sample	Spike	LCS ¹	LCSD 1	LCS ¹	LCSD 1	RPD³
System Monitoring Compounds	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	KFD
4-BFB (surrogate standard)	0.0	9.40	9.32	9.26	99	99	0.6
1,1-Dichloroethene	0.0	10.40	10.30	10.74	99	103	4.2
Methylene Chloride (DCM)	0.0	10.50	10.15	10.43	97	99	2.7
Benzene	0.0	10.60	10.91	10.67	103	101	2.2
Trichloroethene (TCE)	0.0	10.40	10.26	9.74	99	94	5.2
Toluene	0.0	10.60	11.05	10.95	104	103	0.9
Tetrachloroethene (PCE)	0.0	10.40	10.53	10.26	101	99	2.6
Chlorobenzene	0.0	10.60	10.97	10.62	103	100	3.2
Ethylbenzene	0.0	10.50	11.04	10.74	105	102	2.8
m & p-Xylene	0.0	21.00	21.91	21.86	104	104	0.2
o-Xylene	0.0	10.50	11.09	11.01	106	105	0.7

¹ Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)



² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/09/2023

INSTRUMENT ID: GC/MS-03

ANALYST: DL

MATRIX: High Purity He or N₂

UNITS: PPB (v/v)

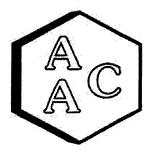
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 110923	Reporting Limit (RL)
4-BFB (surrogate standard)	100%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0,5</td></rl<>	0,5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5
Allyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0,5</td></rl<>	0,5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
2-Butanone (MEK)	<rl< td=""><td>2.0</td></rl<>	2.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0.5</td></rl<>	0.5
Cyclohexane	<rl< td=""><td>0.5</td></rl<>	0.5

Analyte Compounds (Continued)	MB 110923	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>1.0</td></rl<>	1.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>2.0</td></rl<>	2.0
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>2.0</td></rl<>	2.0
Dibromochloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	. <rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0,5</td></rl<>	0,5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0,5</td></rl<>	0,5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5





QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/09/2023

MATRIX : Air UNITS : PPB (v/v) INSTRUMENT ID: GC/MS-03

ANALYST: DL

DILUTION FACTOR¹: x1

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 232215-50577

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	8.97	9.18	2.3
Chlorodifluoromethane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Propene	5.76	5.34	7.6
Dichlorodifluoromethane	0.53	0.52	1.9
Dimethyl Ether	1.39	1.47	5.6
Chloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorotetrafluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Chloride	<srl< td=""><td><srl< td=""><td>NĄ</td></srl<></td></srl<>	<srl< td=""><td>NĄ</td></srl<>	NĄ
Acetaldehyde	6.84	7.23	5,5
Methanol	17.9	16.3	9.1
1,3-Butadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromomethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroethane	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Dichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
Ethanol	35.2	33.6	4.8
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrolein	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetone	14.0	14.7	4.9
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Propanol (IPA)	5.34	5.19	2.8
Acrylonitrile	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methylene Chloride (DCM)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
TertButanol (TBA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Allyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Disulfide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>NÁ</td></srl<></td></srl<>	<srl< td=""><td>NÁ</td></srl<>	NÁ
trans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Butanone (MEK)	12.4	12.9	4.0
cis-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethyl Acetate	6.67	6.83	2.4
Tetrahydrofuran	1.14	1.03	10.1
1,2-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,1,1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Tetrachloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Cyclohexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichloroethene (TCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Heptane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Toluene	1.42	1.40	1.4
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrachloroethene (PCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
m & p-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromoform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Styrene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2,2-Tetrachloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
o-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Isopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
α-Pinene	1.12	1.16	3.5
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Ethyltoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3,5-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
β-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
1,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Sec-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Naphthalene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexachlorobutadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).</p>
SRL - Sample Reporting Limit (minimum)



232303

CHAIN OF CUSTODY AND ANALYSIS REQUEST -- Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Anaberic and Committee	71									•
Client/Company and Consulting - Phone: 805-650-1642 - Email: info@aaclab.com - 1534 Eastman Ave Su	ng - Phone: aus	-65U-1642·	Email: into@	aaclab.com ·	1534 Eastn	nan Ave Su	ite A, Ventura,	CA 93003	AAC Project No.:	••
SCS ENGINEERS:	Project Name	>	/ Arr v			Anal	ysis Requested		Send Report To	Send Report To (Name/Email/Address)
Project Manager Name	Project Number	•	Con Korry					***************************************	pschafer@scs	pschafer@scsengineers.com
FAUL SCHAFER	01204123.	01204123.21 TASK 22	2			Т			rhuff@scsengineers.com	ineers.com
Turnaround Time	Sampler Name	ie ,	<i>b</i> /		JR	LIS	-		Send Invoice To	Send Invoice To (Name/Email/Address)
1 (7)	Print: Ay mane	8	therade		LFU	LL				(wante) change (water)
☑ Rush 72 h ☐ Normal	Signature:		M	-	I SU	5 FU			PO Number	
Client Samula Name		Sampling	Sampling	Containor	7.9	D-1				SE GNIY
cilem sample Name	Sample ID	Date	Time	Type/Oty	307	ТС		··········		
MS-06	50940	4/11	1323	Tediai ,	<	<				Finding
148-07	50991	<u>`</u>	1182	7	×	×				EU S
80-5 VI	२००५२		1230	+	*	×				
1/15-09	50993		1243	1	×	×				
M3-10	20994		1310	+	×	*				
11.511	50995		1385		×	×				
ı	16605		1219	\ \	×	×				Hittals .
-	50947		1201	1	×	×				
o trad Lincoln	30998		1212	1	×	×				Totalitans
3 (4	50999	-	1253	4	×	×				
Client Notes/Special Instance										
The state of the s							EDD? □Yes			
							□No			
Print: Hryando Huytodo		Date (1/7	Received By	Jane 1			Date (1/5/22			
Signature: Low Rotte		Time /526	Signature:	4			Time 7<30			
Print:		Date	Received By	'			Date			では、
Signature:		Time	Signature:							

AAC COC Rev 3

Issued 02/04/2021

Page___of__

AAC COC Rev 3

CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmosphoris Analysis and Commission									
Aminospinetic Analysis and Consuming - Phone: 805-650-1642 - Email: info@aaclab.com - 1534 Eastman Ave Su	3g · Phone: 805	-650-1642 · I	mail: info@	aaclab.com ·	1534 Eastn	nan Ave Su	ite A, Ventura,	CA 93003	AAC Project No.:
SCS ENGINEERS	Project Name	>)			Anal	Analysis Requested		Send Report To (Name/Email/Address)
Project Manager Name	Project Number	_							pschafer@scsengineers.com
PAUL SCHAFER	01204123.	01204123.21 TASK 22	2		businesums	Т	******************		rhuff@scsengineers.com
Turnaround Time	Sampler Name	e	>		JR	LIS			Send Invoice To (Name/Email/Address)
ח ו	Print: Hrmands Hurtado	rale Hur	taelo		LFU	LL			James and Change In the Control of t
☑ Rush 72 h ☐ Normal	Signature: L. C. J.	1 Out	1		. SU	5 FU	······································		PO Number
		Sample .			7.9) -1			
Client Sample Name	Sample ID	Date	Sampling Time	Container Type/Oty	307	ТО			
MS-01	51000	11/7	0923	Tedler	×	×			
MS-02	51001	_	1120	1	< :	×			JUPS
R5-03	20015		1333		×	×			
WS-04	S 0015		1003	V	×	×			
MS-08	51004		7000		×	×			
Reaction	51005		1033		×	×			
Working Face	30015	<u>-</u>	1134	4	×	×			(MIC)
									The state of the s
Client Notes (Special Institute									
client roctes/ special instructions:							EDD? □Yes		
							□No		
Print: Armardo Hurtodo		Date (1/7	Received By Print:	#			Date ((17/23		
Relinquished By		Time 1526	Signature:			-	Time 153 ~		· · · · · · · · · · · · · · · · · · ·
Print:		Date	Received By Print:				Date		
Signature:		Time	Signature:				Time		· · · · · · · · · · · · · · · · · · ·



CLIENT : SCS Engineers

PROJECT NAME : Chiquita [On & OFF]
PROJECT NUMBER : 01204123.21 TASK 22

AAC PROJECT NO. : 232303 REPORT DATE : 11/09/2023

On November 7TH 2023, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Total Reduced Sulfur analysis by ASTM D-5504. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Client ID	Lab No
MS-06	232303-50990	SCV	232303-50999
MS-07	232303-50991	MS-01	232303-51000
MS-08	232303-50992	MS-02	232303-51001
MS-09	232303-50993	MS-03	232303-51002
MS-10	232303-50994	MS-04	232303-51003
MS-11	232303-50995	MS-05	232303-51004
MS-12	232303-50996	Reaction	232303-51005
Chiquito Cyn Rd	232303-50997	Working face	232303-51006
S End Lincoln	232303-50998		

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Technical Director

This report consists of 8 pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232303

MATRIX : AIR UNITS : ppmv SAMPLING DATE: 11/07/2023

RECEIVING DATE: 11/07/2023 ANALYSIS DATE: 11/08/2023

REPORT DATE: 11/09/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09	MS-10	MS-11
AAC ID	232303-50990	232303-50991	232303-50992	232303-50993	232303-50994	232303-50995
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232303 MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 11/07/2023

RECEIVING DATE: 11/07/2023 ANALYSIS DATE: 11/08/2023 REPORT DATE: 11/09/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-12	Chiquito Cyn Rd	S End Lincoln	SCV	MS-01	MS-02
AAC ID	232303-50996	232303-50997	232303-50998	232303-50999	232303-51000	232303-51001
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232303

MATRIX : AİR UNITS : ppmv **SAMPLING DATE: 11/07/2023**

RECEIVING DATE: 11/07/2023 ANALYSIS DATE: 11/08/2023

REPORT DATE: 11/09/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-03	MS-04	MS-05	Reaction	Working face
AAC ID	232303-51002	232303-51003	232303-51004	232303-51005	232303-51006
Analyte	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 11/8/2023

Analyst: CM/KM Units: ppmV Instrument ID: SCD-BTU Calb. Date:: 6/13/23

Opening Calibration Verification Standard

0.500 ppbV H2S (SS1289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	876	0.504	100.9	1.1
Duplicate	869	0.500	100.1	0.3
Triplicate	854	0.491	98.3	1.4

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	927	0.563	102.9	3.4
Duplicate	899	0.546	99.7	0.3
Triplicate	862	0.524	95.7	3.8

0.479 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
. Initial	849	0.468	97.8	0.1
Duplicate	865	0.477	99.6	1.7
Triplicate	836	0.461	96.2	1.7

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< th=""></pql<>

Duplicate Analysis			Sample ID	231187-45761
	Sample	Duplicate		

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< th=""><th><pql< th=""><th>0.000</th><th>0.0</th></pql<></th></pql<>	<pql< th=""><th>0.000</th><th>0.0</th></pql<>	0.000	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
DMS	<pql< th=""><th><pql< th=""><th>0.000</th><th>0.0</th></pql<></th></pql<>	<pql< th=""><th>0.000</th><th>0.0</th></pql<>	0.000	0.0

Matrix Spike & Duplicate 231187-45761 x2

Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
Analyte	Conc.	Added	Result	Result	% Rec **	% Rec **	70 KI D
H ₂ S	<pql< td=""><td>0.250</td><td>0.273</td><td>0.260</td><td>109.3</td><td>104.1</td><td>4.9</td></pql<>	0.250	0.273	0.260	109.3	104.1	4.9
MeSH	<pql< td=""><td>0.274</td><td>0.287</td><td>0.281</td><td>104.8</td><td>102.6</td><td>2.1</td></pql<>	0.274	0.287	0.281	104.8	102.6	2.1
DMS	<pql< td=""><td>0.240</td><td>0.246</td><td>0.246</td><td>102.7</td><td>102.7</td><td>0.0</td></pql<>	0.240	0.246	0.246	102.7	102.7	0.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.500	0.504	100.9
MeSH	0.548	0.560	102.3
DMS	0.479	0.466	97.3

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.

 $PQL = 50.0 \: ppbV$

MDL = 1.1 ppbV



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 11/8/2023 Analyst: KM Units: ppbV Instrument ID: SCD#10 Calb. Date: : 07/11/2022

Opening Calibration Verification Standard

400 8 nnhV H2S (SS1280)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1884	511	102.3	3.7
Duplicate	1767	479	95.9	2.7
Triplicate	1799	488	97.7	1.0

547.5 ppbV H2S (SS1289)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2360	547	100.0	2.8
Duplicate	2280	529	96.6	0.7
Triplicate	2250	522	95.3	2.0

479.0 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2584	489	102.0	0.7
Duplicate	2582	488	101.9	0.6
Triplicate	2533	479	100.0	1.3

Method Blank

Result
<pql< th=""></pql<>
<pql< th=""></pql<>
<pql< th=""></pql<>

Duplicate Analysis	<u> </u>		Sample ID	231187-45761
Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
MeSH	<pql< td=""><td><pql< td=""><td>. 0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>. 0.0</td><td>0.0</td></pql<>	. 0.0	0.0
DMS	<pol< td=""><td><pol< td=""><td>0.0</td><td>0.0</td></pol<></td></pol<>	<pol< td=""><td>0.0</td><td>0.0</td></pol<>	0.0	0.0

Matrix Spike & Duplicate Sample ID 231438-46986 x2

Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
Analyte	Conc.	Added	Result	Result	% Rec **	% Rec **	70 KI D
H ₂ S	<pql< td=""><td>249.9</td><td>248.2</td><td>241.9</td><td>99.3</td><td>96.8</td><td>2.6</td></pql<>	249.9	248.2	241.9	99.3	96.8	2.6
MeSH	<pql< td=""><td>273.8</td><td>270.3</td><td>276.9</td><td>98.8</td><td>101.2</td><td>2.4</td></pql<>	273.8	270.3	276.9	98.8	101.2	2.4
DMS.	<pql< td=""><td>239.5</td><td>252.0</td><td>258.3</td><td>105.2</td><td>107.8</td><td>2.5</td></pql<>	239.5	252.0	258.3	105.2	107.8	2.5

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	499.8	487.7	97.6
MeSH	547.5	526.6	96.2
DMS	479.0	471.2	98.4

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD fro. ssAS

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbVDMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV

AAC COC Rev 3

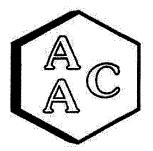
CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave St	g · Phone: 805	-650-1642 · E	mail: info@a	aciab.com · 1	534 Eastm		ite A, Ventura, CA 93003	ura, CA 93	03	AAC Project No.:
Client/Company Name	Project Name		$\Big)\Big $				ysis Requested	ted		Send Report To (Name/Email/Address)
OCO ENGINEERO	CHIQUITA	ON	KOFF Y							pschafer@scsengineers.com
PAUL SCHAFER	01204123.2	01204123.21 TASK 22	.0			Γ.				rhuff@scsengineers.com
Turnaround Time	Sampler Name	ē			JR	LIS				Send Invoice To (Name/Email/Address)
☐ Same Day	Print: Armando	ndo to	rade		LFU	LL		# \$ ₁		
IX Rush 72 h ☐ Normal	Signature:	CO	THE		1 SU	5 FL				PO Number
Client Sample Name	Sample ID	Sampling	Sampling	Container	307.9	TO-				
MS-06	Oppos	7/11	1323	Tediar	<					Lindby 2
118-07	10605	<u></u>	1182	7	< >	χ,				TUPS:
	7.560°S		1230	1	*	×				
	2000		1243	+	×	×				
MS-10	20994		13/0	1	×	×				
MS-11	50795		1385	_	×	×				
2	36205	-	1219	7	×	×				
Figurto Cyn Rd	50997		1201	1	×	×				
S End Uncola	8000		1212	1	×	×				
\$ C4	20189	<	1253	4	×	×			200	
	-									
circit notes/special instructions:	e vert				V		EDD?			
							ONO			
Print: frygode twotes		Date (1/7	Received By	TRE			Date (1/7/23	2		
Signature: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Time /526	Signature:	7			1me 720			
Print:		Date	Received By				Date			
Signature:		Time	Signature:				Time			
			ognature:				lime			A

AACC.

CHAIN OF CUSTODY AND ANALYSIS REQUEST — Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

							4			The same of the sa	4
Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Su	ng · Phone: 805	-650-1642 · I	Email: info@	aaclab.com ·	1534 Eastn	nan Ave Su	iite A, Ventura, CA 93003	ura, CA 9	9003	AAC Project No.:	
Client/Company Name	Project Name) -			Anal	sis Requested	sted		Send Report To (Name/Email/Address)	mail/Address)
Project Manager Name	CHIQUITA		OM / OHF]							pschafer@scsengineers.com	eers.com
PAUL SCHAFER	01204123.21	21 TASK 22	2			Γ				rhuff@scsengineers.com	s.com
Turnaround Time	Sampler Name	ត	*		JR	LIS'	7			Send Invoice To (Name/Emati/Address)	mall/Address
1 🗆	Print: Hrmando Hurtas	note Hur	aelo		LFU	LL .					
☑ Rush 72 h ☐ Normal	Signature: 1 1 0 4	せのよ	2		SU	5 FL				PO Number	
	0	Samplina			7.9]	D-1					
Client Sample Name	Sample ID	Date	Time	Type/Qty	30′	ŢC					
MS-01	31000	11/7	0923	Tedler	×	×					•
WS-02	21001		1120	1	×	×				Sand Total Sand	
60-SW	2001		1333	1	×	×		3			
W2-04	N 100 S		1003		×	×					
W8-08	hours		0907	/	×	×					
Keaction	51005		1033		×	×					
Working Face	31006	~	1134	+	×	×					6
						-					
									-	ne indi	
Client Notes (Special Indiana)											
Cuciic isoces/ special instructions:							EDD?				
							□Yes	á	i.		
							0				
Print: Armondo Hurtod.		Date (1/7	Received By	立			Date ((-				
Signature: Am Pan		Time /526	Signature:	Section and the second			Time 1530				
Print:		Date	Received By				Date				
Signature:		Time	Signature:				Time			10 多数是是一种是	
						-				The state of the s	Carried State of the Control of the



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita ON/OFF

PROJECT NO.

: 01204123.21 TASK 22

AAC PROJECT NO.

: 232358

REPORT DATE

: 11/16/2023

On November 14, 2023, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Client ID	Lab ID
MS-06	232358-51207	SCV	232358-51216
MS-07	232358-51208	MS-01	232358-51217
MS-08	232358-51209	MS-02	232358-51218
MS-09	232358-51210	MS-03	232358-51219
MS-10	232358-51211	MS-04	232358-51220
MS-11	232358-51212	MS-05	232358-51221
MS-12	232358-51213	Reaction	232358-51222
Chiquito Cyn Rd	232358-51214	Working Face	232358-51223
S End Lincoln	232358-51215		·

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

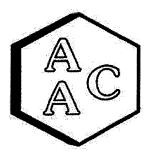
I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. Methanol, Ethanol, Acetone, and Tetrahydrofuran in "Reaction" (51222) were detected above calibration range, however there was insufficient volume in the Tedlar Bag for additional dilutions. Ethanol in "MS-07" (51208) was detected above calibration range, however there was insufficient volume in the Tedlar Bag for additional dilution. These samples were received in Tedlar Bags, which are considered inappropriate containers by EPA Method TO-15. Per NELAC requirements the analytical results should be considered estimated for these samples. No other problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

innical Director

This report consists of 25 pages.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232358

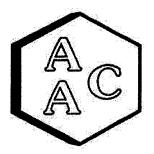
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 11/14/2023

DATE REPORTED: 11/16/2023

ANALYST: DL/CH

Client ID	T	MS-06		Sample		MS-07		Sample	
AAC ID		232358-512	207			232358-512			Method
Date Sampled		11/14/202		Reporting		11/14/202		Reporting	Reporting
Date Analyzed		11/15/202	3	Limit		11/15/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.81</td><td></td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.81		1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.60</td><td></td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.60		11	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	19.4		1	5.00	37.0		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Ethanol	24.8		1	2.00	122	E	1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	11.2		1	2.00	25,7		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>1.28</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	1.28		1	0.50	0.50
2-Propanol (IPA)	3.57		1	2.00	29.3		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2,00</td><td><srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<></td></srl<>	U	1	2,00	<srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<>	U	1	2,00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	. 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>1.72</td><td></td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	1.72		i	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.90</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.90		1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>· Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· Ü	1	0.50	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Benzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.92</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.92		1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232358

MATRIX : AIR UNITS : PPB (v/v) DATE RECEIVED: 11/14/2023

DATE REPORTED: 11/16/2023

ANALYST: DL/CH

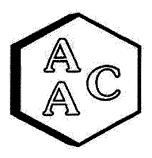
VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-06		Sample		MS-07		Sample	
AAC ID		232358-512		Reporting		232358-512		Reporting	Method
Date Sampled		11/14/202				11/14/202		Limit	Reporting
Date Analyzed		11/15/202	3	Limit		11/15/202	3		Limit
Can Dilution Factor		1,00		(SRL)		1,00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U_</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U_</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U_	11	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	11	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	14.2		1	0.50	18.9		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2,00</td></srl<></td></srl<>	Ŭ	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2,00</td></srl<>	U	1	2.00	2,00
Dibromochloromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ü	1	0.50	0,50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xviene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ŭ</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	. 1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td></td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ		0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.50	<srl< td=""><td>Ü</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i i	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i i</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ŭ</td><td>i i</td><td>0,50</td><td>0.50</td></srl<>	Ŭ	i i	0,50	0.50
Hexachlorobutadiene	SRL SRL	U .	1	0.50	<srl_< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl_<>	Ŭ	i	0.50	0.50
	- 2KL	98%		0.20	-201717	92%	·	·	70-130%
BFB-Surrogate Std. % Recovery	1 ODY	96%				7470	<u></u>		70-12070

U - Compound was not detected at or above the SRL.



E-Compound detected above calibration range, insufficient volume in Tedlar Bag for additional dilution.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232358

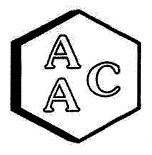
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 11/14/2023

DATE REPORTED: 11/16/2023

ANALYST: DL/CH

Client ID		MS-08		Sample		MS-09		Sample	
AAC ID		232358-512				232358-512		Reporting	Method
Date Sampled		11/14/202		Reporting		11/14/202			Reporting
Date Analyzed		11/15/202	3	Limit		11/15/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Dichlorodifluoromethane	0.52		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<>	U	11	0.50	0,50
Methanol	33.4		1	5.00	28.9		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Ethanol	53.8		1	2.00	33.8		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	16.6		1	2.00	37.8		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	21.9		1	2.00	6,11		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ü	1	0.50	0,50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
cis-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	0.65	·····	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Tetrahydrofuran	0.51		1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Benzene	0.98		i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232358

MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 11/14/2023

DATE REPORTED: 11/16/2023

ANALYST: DL/CH

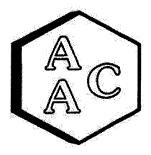
VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-08		Sample		MS-09		Sample	
AAC ID		232358-512		Reporting		232358-512		Reporting	Method
Date Sampled		11/14/202		Limit		11/14/202		Limit	Reporting
Date Analyzed		11/15/202	3			11/15/202	3		Limit
Can Dilution Factor		1.00	,	(SRL)		1.00	Ţ	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	` ′
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ü	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<>	U	11	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>.1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	.1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2,00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2,00</td></srl<>	U	1	2.00	2,00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	18.5		1	0.50	16.0		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>U</td><td>/ 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	/ 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
BFB-Surrogate Std. % Recovery		94%				98%			70-130%
II - Compound was not detected at or above	1 001								

U - Compound was not detected at or above the SRL.



www.aaclab.com • (805) 650-1642



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232358
MATRIX: AIR

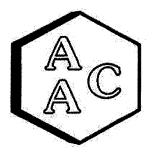
UNITS: PPB (v/v)

DATE RECEIVED: 11/14/2023

DATE REPORTED: 11/16/2023

ANALYST: DL/CH

Client ID	1	MS-10		Sample		MS-11		Sample	
AAC ID		232358-512	211	1 - 1		232358-512	12		Method
Date Sampled		11/14/202	3	Reporting		11/14/202		Reporting	Reporting
Date Analyzed		11/15/202	3	Limit		11/15/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL) [1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	22.7		1	5.00	43.6		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	27.3		1	2.00	51.4		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	16.4		1	2.00	22.6		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
2-Propanol (IPA)	4.10		1	2.00	15.5		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ŭ</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	11	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.74</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	· U	1	0.50	0.74		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232358 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 11/14/2023

DATE REPORTED: 11/16/2023

ANALYST: DL/CH

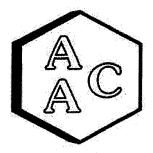
VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID Date Sampled		MS-10 232358-512 11/14/202	3	Sample Reporting		MS-11 232358-512 11/14/202	3	Sample Reporting Limit	Method Reporting
Date Analyzed		11/15/202	3	Limit		11/15/202 1.00	3	(SRL)	Limit
Can Dilution Factor		1.00	I	(SRL) (MRLxDF's)	- I			(SRL) (MRLxDF's)	(MRL)
Compound	Result	Qualifier	Analysis DF	1 1	Result	Qualifier	Analysis DF	<u> </u>	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1,</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1,</td><td>0.50</td><td>0.50</td></srl<>	U	1,	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1.6.</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.00	<srl< td=""><td>U</td><td>1.6.</td><td>2.00</td><td>2.00</td></srl<>	U	1.6.	2.00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	15.9		1	0.50	16.5	1	1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ.</td><td>- 1:</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ.</td><td>- 1:</td><td>0.50</td><td>0.50</td></srl<>	Ŭ.	- 1:	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U.</td><td>- 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U.</td><td>- 1</td><td>0.50</td><td>0.50</td></srl<>	U.	- 1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>-1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>-1</td><td>0.50</td><td>0.50</td></srl<>	U	-1	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>· 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>· 1</td><td>0.50</td><td>0.50</td></srl<>	U	· 1	0.50	0.50
Ethylbenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>- 1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>- 1</td><td>1.00</td><td>1.00</td></srl<>	U	- 1	1.00	1.00
Bromoform	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>0.1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>0.1</td><td>0.50</td><td>0.50</td></srl<>	Ü	0.1	0.50	0.50
Styrene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>11</td><td> 0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>11</td><td> 0.50</td><td>0.50</td></srl<>	Ü	11	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>- i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>- i</td><td>0.50</td><td>0.50</td></srl<>	Ü	- i	0.50	0.50
o-Xylene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i -</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ŭ</td><td>i -</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i -	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	ŭ	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	 i	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.30</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.30</td><td>0.50</td></srl<>	Ŭ	i	0.30	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td> </td><td>0.50</td><td><srl< td=""><td>ŭ</td><td>1 *</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	 	0.50	<srl< td=""><td>ŭ</td><td>1 *</td><td>0.50</td><td>0.50</td></srl<>	ŭ	1 *	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>ŭ</td><td>1 "</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>ŭ</td><td>1 "</td><td>0.50</td><td>0.50</td></srl<>	ŭ	1 "	0.50	0.50
BFB-Surrogate Std. % Recovery	\DICE	95%		0.50	30100	98%			70-130%

U - Compound was not detected at or above the SRL.



E-Compound detected above calibration range, insufficient volume in Tedlar Bag for additional dilution.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232358 MATRIX: AIR

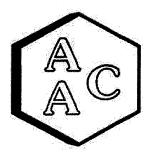
UNITS: PPB (v/v)

DATE RECEIVED: 11/14/2023

DATE REPORTED: 11/16/2023

ANALYST: DL/CH

Client ID		MS-12		Sample		Chiquito Cyr		Sample	
AAC ID		232358-512		Reporting		232358-512		Reporting	Method
Date Sampled		11/14/202				11/14/202		Limit	Reporting
Date Analyzed		11/15/202	3	Limit		11/15/202	3		Limit
Can Dilution Factor	ļ	1.00	r 	(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	, ,
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.07</td><td></td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.07		1	1.00	1.00
Dichlorodifluoromethane	0.51		1	0.50	0.55		1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Methanol	38.4		11	5.00	26.6	<u> </u>	1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Ethanol	52.4		1	2.00	83.2		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	17.0		1	2.00	18.4		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	22.1		1	2.00	23.6		1	2.00	2,00
Acrylonitrile	<srl< td=""><td>ט</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	ט	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<>	U	11	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ŭ	1	0.50	0,50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
2-Butanone (MEK)	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	0.76		1	0.50	1.26		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Benzene	0.54		1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232358

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 11/14/2023

DATE REPORTED: 11/16/2023

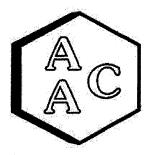
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-12		Sample		Chiquito Cyr		Sample	
AAC ID		232358-512				232358-512			Method
Date Sampled		11/14/202		Reporting		11/14/202		Reporting	Reporting
Date Analyzed		11/15/202	3	Limit		11/15/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1,00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	`
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	11	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<></td></srl<>	Ŭ	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<>	U	1	2,00	2.00
trans-1.3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	11.7		1	0.50	12.2		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1 .</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 .	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xvlene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td><srl< td=""><td>Ü .</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0,50	<srl< td=""><td>Ü .</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ü .	1	0,50	0.50
BFB-Surrogate Std. % Recovery	77.	96%		i		97%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232358

MATRIX: AIR

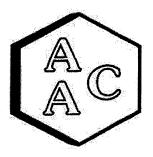
UNITS: PPB (v/v)

DATE RECEIVED: 11/14/2023

DATE REPORTED: 11/16/2023

ANALYST: DL/CH

Client ID		S End Line 232358-512		Sample		SCV 232358-512	16	Sample	Method
AAC ID	 	11/14/202		Reporting		11/14/202		Reporting	
Date Sampled		11/14/202		Limit		11/15/202		Limit	Reporting
Date Analyzed Can Dilution Factor	-	1.00	<u> </u>	(SRL)		1.00	J	(SRL)	Limit
Can Ditution Pactor Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
			Analysis Dr				Allalysis DF		0.50
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	Ü	<u> </u>	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td><u> </u></td><td>1.00</td><td>1,00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td><u> </u></td><td>1.00</td><td>1,00</td></srl<>	U	<u> </u>	1.00	1,00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	<u> </u>	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ŭ</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	Ŭ	<u> </u>	0.50	0.50
Methanol	27.5		1	5.00	23.7		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Ethanol	57.7		1	2.00	30.4		11	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Acetone	23.4		1	2.00	14.2	i	11	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
2-Propanol (IPA)	34.1		1	2.00	4.82		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Carbon Disulfide	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ŭ	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>2,00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2,00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Ethyl Acetate	1.06		1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232358

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 11/14/2023

DATE REPORTED: 11/16/2023

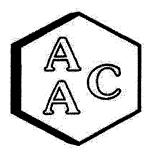
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Date Analyzed 11/14/2023 Limit 11/15/2023 Can Dilution Factor 1.00 (SRL) 1.00 1.2-Dichloropropane 0.50 1.0.50 0.50 0.50 1.2-Dichloropropane 0.50 1.0.50 0.50 0.50 1.2-Dichloropropane 0.50 1.0.50 0.50 0.50 1.2-Dichloropropane 0.50 1.2-Dichloropropane 0.50 1.2-Dichloropropane 0.50 1.2-Dichloropropane 0.50 1.2-Dichloropropane 0.50 1.2-Dichloropropane 0.50 1.2-Dichloropropane 0.50 1.2-Dichloropropane 0.50 1.2-Dichloropropane 0.50 1.2-Dichloropropane 0.50 1.2-Dichloropropane 0.50 1.2-Dichloropropane 0.50 1.2-Dichloropropane 0.50	Client ID		S End Line		Sample		SCV		Sample	
Date Analyzed	AAC ID						232358-512	16		Method
Carbon Tetrachloride										Reporting
Compound Result Qualifier Analysis DF (MRLxDF's) Result Qualifier Analysis DF (MRLxDF's)				3				3	1	Limit
Carbon Tetrachloride	Can Dilution Factor		1.00							(MRL)
Cyclohexane	Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	`	
Common				1				1		
1.2-PichRichoppen			U	1				1		
1,4-Dioxane				11			U	1		
Trichloroethene (TCE)				11				1		
Colorador Colo				11				11		
Reptane				11				1		
Cis-1,3-Dichloropropene SRL U				11				1		
A-Methyl-2-pentanone (MiBK)				1 '				11		
Trans-1,3-Dichloropropene				1				11		
Toluene	4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td></td></srl<>	U	1				1		
Toluene	trans-1,3-Dichloropropene	<srl< td=""><td></td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td></td></srl<>		1	0.50			1		
Color Colo	1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td></td><td></td><td>U</td><td>1</td><td></td><td></td></srl<>	U	1			U	1		
Dibromochloromethane	Toluene	14.1		1	0.50			1		
1,2-Dibromoethane	2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td></td><td>1</td><td></td><td></td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td></td><td>1</td><td></td><td></td></srl<>		1		
Certachloroethane CEE SRL U 1 0.50 SRL U 1 0.50 0.50	Dibromochloromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td></td><td></td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td></td></srl<>		1		
Chlorobenzene	1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td></td><td></td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td></td></srl<>		1		
Care Care	Tetrachloroethene (PCE)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td></td></srl<>	Ŭ	1	0.50			1		
Mathematics Mathematics	Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td></td><td></td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td></td></srl<>		1		
Bromoform	Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td></td><td></td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td></td></srl<>		1		
Bromoform	m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td></td><td>1</td><td></td><td></td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td></td><td>1</td><td></td><td></td></srl<>		1		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td></td><td></td></srl<></td></srl<>	U.	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td></td></srl<>		1		
1.0.50		<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td></td></srl<>	U	1	0.50			1		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td></td><td></td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td></td></srl<>		1		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td></td><td></td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td></td><td></td></srl<>	Ū	1		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2,4-Trimethylbenzene		<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td></td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td></td></srl<>	Ü	1	0.50	
Benzyl Chloride (a-Chlorotoluene) SRL U 1 0.50 SRL U 1 0.50 0.50 1,3-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,4-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,2-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,2-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,2-Trichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,2-Trichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,2-Trichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,2-Trichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,2-Trichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,2-Trichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,2-Trichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,2-Trichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,2-Trichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,2-Trichlorobenzene SRL U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 0.50 1,2-Trichlorobenzene SRL U 1 0.50 SRL U U 1 0.50 SRL U U U U U U U U U			U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td></td></srl<>	Ū	1	0.50	
1,3-Dichlorobenzene				1	0.50	<srl< td=""><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>		1	0.50	0.50
1,4-Dichlorobenzene <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 0.50 1,2-Dichlorobenzene <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 0.50 1,2-Trichlorobenzene <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 0.50</srl<></srl<></srl<></srl<></srl<></srl<>				1				1		0.50
1,2-Dichlorobenzene				1				1	0.50	0.50
1.2.4-Trichlorobenzene				i				1		
				i				1		
Hexachlorobutadiene SRL U 1 0.50 SRL U 1 0.50 0.50				i			Ü	i		0.50
		30134								70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232358
MATRIX: AIR

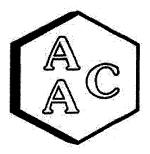
UNITS: PPB (v/v)

DATE RECEIVED: 11/14/2023

DATE REPORTED: 11/16/2023

ANALYST: DL/CH

Client ID	T	MS-01		Cample		MS-02		Sample	
AAC ID	T	232358-512	17	Sample		232358-512			Method
Date Sampled		11/14/202	3	Reporting		11/14/202	3	Reporting	Reporting
Date Analyzed		11/15/202	3	Limit		11/15/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)	9	1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl_< td=""><td>U</td><td>11</td><td>1.00</td><td>1.06</td><td></td><td>11</td><td>1.00</td><td>1.00</td></srl_<>	U	11	1.00	1.06		11	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.53</td><td></td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.53		11	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methanol	30.0		1	5.00	43,6		11	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	37.2		1	2.00	50.1		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	15.0		1	2.00	17.3		1	2,00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	5.47		1	2.00	6.86		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<>	U	1	2,00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Butanone (MEK)	<srl< td=""><td>U</td><td>i</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	i	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	ī	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>1.69</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	1.69		1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>Ū</td><td>i</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzene	<srl< td=""><td>Ü</td><td>î</td><td>0.50</td><td>1.50</td><td> </td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	î	0.50	1.50		1	0.50	0.50
Donzono	-5105		· · · · · · · · · · · · · · · · · · ·					·	



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232358

MATRIX : AIR UNITS: PPB (v/v) DATE RECEIVED: 11/14/2023

DATE REPORTED: 11/16/2023

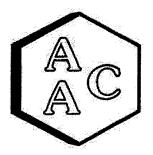
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-01		Sample		MS-02		Sample	
AAC ID		232358-512		Reporting		232358-512		Reporting	Method
Date Sampled		11/14/202				11/14/202		Limit	Reporting
Date Analyzed		11/15/202	3	Limit		11/15/202	3		Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Cyclohexane	<srl_< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl_<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U_</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U_	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<>	U	11	2.00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ü	1	0.50	0,50
Toluene	20.3		1	0.50	15.4		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xvlene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>IJ</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	IJ	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ü	1	0,50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>l i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	l i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>l i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	l i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	ī	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ü	1	0.50	0,50
BFB-Surrogate Std. % Recovery		98%				96%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232358
MATRIX: AIR

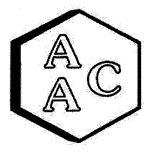
UNITS: PPB (v/v)

DATE RECEIVED: 11/14/2023

DATE REPORTED: 11/16/2023

ANALYST: DL/CH

			Comple		MS-04		Sample	
	232358-512		Sample	232358-51220				Method
	11/14/202		Reporting	11/14/2023			Reporting	Reporting
	11/15/202	3		11/15/2023				Limit
	1.00			1,00				(MRL)
Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF		
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
<srl< td=""><td>U</td><td>1</td><td>1.00</td><td></td><td></td><td>1</td><td></td><td>1.00</td></srl<>	U	1	1.00			1		1.00
0.54		1	0.50			1		0.50
	U	1				11		0.50
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1				1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.50		U	1		0.50
42.0		1	5.00			1		5.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.50			1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.50			1		0.50
<srl< td=""><td></td><td>1</td><td>1.00</td><td></td><td></td><td>1</td><td></td><td>1.00</td></srl<>		1	1.00			1		1.00
<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
53.5		1	2.00	45.4		1	2.00	2.00
<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
15.7		1	2.00	11.5		1	2.00	2.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
16.1		1	2.00	5.77		1	2.00	2.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td></td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td></td><td>0,50</td></srl<>	Ū	1		0,50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü.</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü.</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü.	1	1.00	1.00
<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td></td><td>1</td><td></td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td></td><td>1</td><td></td><td>2.00</td></srl<>		1		2.00
<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
0.84		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td></td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	Ü	1	0.50	2.54		1	0.50	0.50
	SRL	11/15/202 1.00 Result Qualifier SRL U SRL SRL U SRL SRL U SRL U SRL U SRL U SRL U SRL U SRL SRL U SRL	11/15/2023 1.00 Result Qualifier Analysis DF SRL U	Nesult Qualifier Analysis DF CSRL U 1 0.50	Nesult Qualifier Analysis DF (SRL)	Nesult Qualifier Analysis DF CSRL U 1 1.00 CSRL U 1 1.00 CSRL U 1 1.00 CSRL U 1 1.00 CSRL U 1 1.00 CSRL U 1 1.00 CSRL U 1 1.00 CSRL U 1 1.00 CSRL U CSRL U 1 1.00 CSRL U CSRL U 1 1.00 CSRL U CSRL U 1 1.00 CSRL U CSRL U 1 1.00 CSRL U CSRL U 1 1.00 CSRL U CSRL U 1 1.00 CSRL U CSRL U 1 1.00 CSRL U CSRL U 1 1.00 CSRL U CSRL U 1 1.00 CSRL U CSRL U 1 1.00 CSRL U CSRL U 1 1.00 CSRL U CSRL U 1 1.00 CSRL U CSRL U 1 1.00 CSRL U CSRL U 1 1.00 CSRL U CSRL U 1 1.00 CSRL U CSRL U 1 1.00 CSRL U CSRL U 1 1.00 CSRL U CSRL U 1 1.00 CSRL U CSRL U U 1 1.00 CSRL U U U U U U U U U	This This	Tintage Tint



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232358

MATRIX : AIR

UNITS: PPB (v/v)

DATE RECEIVED: 11/14/2023

DATE REPORTED: 11/16/2023

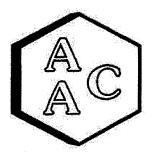
ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-03		Sample		MS-04		Sample	
AAC ID		232358-512		Reporting	232358-51220			Reporting	Method
Date Sampled		11/14/202			11/14/2023				Reporting
Date Analyzed		11/15/202	3	Limit	11/15/2023			Limit	Limit
Can Dilution Factor		1,00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	`
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td><srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	11	2.00	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<>	U	11	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.54</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.54		1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<>	U	11	2.00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Toluene	13.8		1	0.50	19.0		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>, 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	, 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.58</td><td>1</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.58	1	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.56</td><td></td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.56		1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xvlene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.58</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.58		1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0,50</td></srl<>	U	1	0,50	0,50
BFB-Surrogate Std. % Recovery		98%				95%			70-130%

U - Compound was not detected at or above the SRL.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232358

MATRIX : AIR

UNITS: PPB (v/v)

DATE RECEIVED: 11/14/2023

DATE REPORTED: 11/16/2023

ANALYST: DL/CH

Limit Can Dilution Factor Compound Result Qualifier Analysis DF (MRLxDF's) Result Qualifier Analysis DF Result Qualifier Analysis DF Result Qual	
Date Sampled 11/14/20/23 Limit 11/15/20/23 Limit Can Dilution Factor 1.00 (SRL) (SRL) 1.00 (SRL)	Method
Can Dilution Factor Can Dilution Factor Compound Result Qualifier Analysis DF (RRLxDF's) Result Qualifier Analysis DF (MRLxDF's) Result Qualifier Analysis DF Result Qualifier Analysis DF Result Qualifier Analysis DF Result Qualifier Analysis DF Result Qualifier Analysis DF Result Qualifier Analysis DF Result Qualifier Analysis DF Result Qualifier Analysis DF Result Qualifier Analysis DF Result Qualifier Analysis DF Result Qualifier Analysis DF Result Qualifier Analysis DF Result Qualifier Analysis DF Result Qualifier Analysis DF Result Qualifier Analysis DF Result Qualifier Analysis DF Result Qualifier Analysis DF Result Qualifier Analysis Desult Analysis	Reporting
Compound Result Qualifier Analysis DF (MRLxDF's) Result Qualifier Analysis DF (MRLxDF's) Chlorodifluoromethane <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50 <\$RL U 1 0.50	Limit
Chiprodifituoromethane	(MRL)
Dichlorodifluoromethane	
Dichlorodifluoromethane	0.50 1.00
Dichlorotheriane	0.50
Dichlorotetrafluoroethane	0.50
Similar Control Cont	
Methanol 33.7	0.50
13-Butadiene	0.50
1,3-bitatorie SRL U 1 0,50 SRL U 1 0.50	5.00
Signature Sign	0.50
Chindrefilation	0.50
Definition Def	1.00
STRL U 1 0.50 STRL U 1 0.50	0.50
Virity Brothite	2.00
Acetone	0.50
Carbon Disulfide SRL U 1 0.50 SRL U 1 0.50	2.00
Carbon Disulfide SRL U 1 0.50 SRL U 1 0.50	0.50
Acrylonitrile	2.00
1,1-Dichlorotetheile	0.50
Methyl Tert Butyl Ether (MTBE)	0.50
Allyl Chloride	1.00
Carbon Distinction Carbon	0.50
Trichlorotrifluoroethane <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 trans-1,2-Dichloroethane <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 I,1-Dichloroethane <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 Methyl Tert Butyl Ether (MTBE) <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 Vinyl Acetate <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50</srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<>	2.00
trans-1,2-Dichloroethene <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 1,1-Dichloroethane <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 Methyl Tert Butyl Ether (MTBE) <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 Vinyl Acetate <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50</srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<>	0.50
1,1-DEINOTOCHAILE	0.50
Vinyl Acetate	0.50
Vinyi Acetale SRL 0 1 0.30 Ord	0.50
	0.50
IZ-Bulanone (IVIEK)	2.00
cis-1.2-Dichloroethene	0.50
Hexane SRL U 1 0.50 1.12 1 0.50	0.50
Chloroform	0.50
Ethyl Acetate SRL U 1 0.50 12.2 1 0.50	0.50
Tetrahydrofuran	0.50
[1.2-Dichloroethane SRL U 1 0.50 SRL U 1 0.50	0.50
1	0.50
Comparison	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232358

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 11/14/2023

DATE REPORTED: 11/16/2023

ANALYST: DL/CH

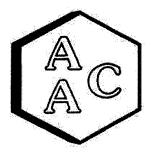
VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

	MS-05	21	Sample	Reaction 232358-51222			Sample	Method
			Reporting				Reporting	Reporting
			Limit				Limit	
							(SRL)	Limit
D14		Amalusia DE		Dogult	1	Analysis DF		(MRL)
		Analysis Dr	<u> `</u>			Alialysis Dr		0.50
		1			U	11		0.50
		11				1		0.50
		11				1		0.50
		1				<u>l</u>		0.50
		11				1		2.00
		1				11		0.50
		11			U	11		0.50
		11				1		0.50
		1			U	1		0,50
		1				1		2.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td></td><td>11</td><td></td><td>0.50</td></srl<>	U	1	0.50			11		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.50		U	1		0.50
14.0		1	0,50			1		0.50
<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>2.00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>U</td><td>1</td><td></td><td>2.00</td></srl<>	U	1		2.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td></td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td>0,50</td></srl<>		1		0,50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>3.48</td><td></td><td>1</td><td></td><td>0.50</td></srl<>	Ü	1	0.50	3.48		1		0.50
<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>3.80</td><td></td><td>1</td><td></td><td>1.00</td></srl<>	U	1	1.00	3.80		1		1.00
	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
		1	0.50	1.47		1	0.50	0.50
		1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
		1		0.68		1	0.50	0.50
		i			ΰ	1	0.50	0.50
		1				1	0.50	0.50
		i i				1	0.50	0.50
		1			Ŭ	1	0.50	0.50
		- i				1		0.50
		- i				i	0.50	0.50
-0KL			<u> </u>	30110			, , , , , , , , , , , , , , , , , , ,	70-130%
	14.0 <srl <srl <srl <srl <srl< td=""><td> 232358-512</td><td> 11/14/2023 11/15/2023 11/15/2023 11/15/2023 1.00 </td><td> 11/14/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 1.00 (SRL) </td><td> 11/14/2023 11/14/2023 11/14/2023 11/14/2023 1.00 </td><td> 232358-51221 Reporting</td><td> Sample</td><td> Sample</td></srl<></srl </srl </srl </srl 	232358-512	11/14/2023 11/15/2023 11/15/2023 11/15/2023 1.00	11/14/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 1.00 (SRL)	11/14/2023 11/14/2023 11/14/2023 11/14/2023 1.00	232358-51221 Reporting	Sample	Sample

U - Compound was not detected at or above the SRL.

E-Compound detected above calibration range, insufficient volume in Tedlar Bag for additional dilution.





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232358

MATRIX : AIR

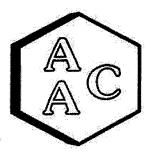
UNITS: PPB (v/v)

DATE RECEIVED: 11/14/2023

DATE REPORTED: 11/16/2023

ANALYST: DL/CH

Client ID		Working Fa	ice	Sample	
AAC ID		232358-512		Method	
Date Sampled		11/14/2023	Reporting	Reporting	
Date Analyzed		11/15/2023	Limit	Limit	
Can Dilution Factor		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	7.04		11	1.00	1.00
Dichlorodifluoromethane	3.97		11	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	141		1	5.00	5.00
1.3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	567	E	1	2.00	2,00
Vinyl Bromide	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Acetone	36.4		1	2.00	2.00
Trichlorofluoromethane	18.1		1	0.50	0.50
2-Propanol (IPA)	37.4		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0:50</td><td>0.50</td></srl<>	U	1	0:50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Carbon Disulfide	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Butanone (MEK)	4.20		1	2.00	2.00
cis-1.2-Dichloroethene	<srl< td=""><td>IJ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	IJ	1	0.50	0.50
Hexane	0.98		1	0.50	0.50
Chloroform	<srl< td=""><td>IJ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	IJ	1	0.50	0.50
Ethyl Acetate	6.69		1	0.50	0.50
Tetrahydrofuran	1.59		1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	i	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzene	0.73		<u>i</u>	0.50	0.50
Delizene	· · · · · · ·	<u> </u>			I



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232358

MATRIX : AIR

UNITS: PPB (v/v)

DATE RECEIVED: 11/14/2023

DATE REPORTED: 11/16/2023

ANALYST: DL/CH

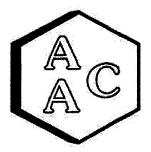
VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		Working Fa		Sample	
AAC ID	232358-51223			Reporting	Method
Date Sampled		11/14/202	Limit	Reporting	
Date Analyzed		11/15/202		Limit	
Can Dilution Factor		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Cyclohexane	0.62		1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Heptane	0.68		11	0:50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	12.8		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ŭ ·</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ŭ ·	1	2.00	2.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	0.73		1	0.50	0.50
m & p-Xylene	1.74		1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	0.64		1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>ΤŪ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	ΤŪ	i	0.50	0.50
BFB-Surrogate Std. % Recovery	T SIGE	97%	 	, ,,,,,,	70-130%
II - Compound was not detected at or above	di CDI	L			. <u>v 42 v / V </u>

U - Compound was not detected at or above the SRL.

E-Compound detected above calibration range, insufficient volume in Tedlar Bag for additional dilution.





QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/15/2023

MATRIX: High Purity N2

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-03

CALIBRATION STD ID: MS1-051623-01

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 10/09/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery
4-BFB (surrogate standard)	9.40	8.74	93
Chlorodifluoromethane	10.40	10.65	102
Propene	10.60	12.59	119
Dichlorodifluoromethane	10,40	10.41	100
Dimethyl Ether	10.20	11.48	113
Chloromethane	10.40	12.20	117
Dichlorotetrafluoroethane	10.30	10.19	99
Vinyl Chloride	10.50	12.25	117
Acetaldehyde	21.10	22.63	107
Methanol	18.80	23.96	127
1,3-Butadiene	10.60	12.81	121
Bromomethane	10.40	11.65	112
Chloroethane	10.30	13.07	127
Dichlorofluoromethane	10.20	10.59	104
Ethanol	11.20	14.45	129
Vinyl Bromide	10,10	11.23	111
Acrolein	11.10	13.20	119
Acetone	10.60	11.87	112
Trichlorofluoromethane	10.50	9.83	94
2-Propanol (IPA)	11.00	14.15	129
Acrylonitrile	11.20	12.77	114
1,1-Dichloroethene	10.40	11,25	108
Methylene Chloride (DCM)	10.50	10.95	104
TertButanol (TBA) HR	11.10	16.44	148
Allyl Chloride	10.20	10.10	99
Carbon Disulfide	10.50	11.68	111
Trichlorotrifluoroethane	10.40	10.05	97
trans-1,2-Dichloroethene	10.60	11.56	109
I,1-Dichloroethane	10.50	11.25	107
Methyl Tert Butyl Ether (MTBE)	10.50	10.68	102
Vinyl Acetate	11.00	12.24	111
2-Butanone (MEK)	10.60	11.25	106
cis-1,2-Dichloroethene	10.50	11.36	108
Hexane	10.70	12.25	114
Chloroform	10.60	10.63	100
Ethyl Acetate	10.60	11.08	105
Tetrahydrofuran	10.20	11.67	114
1,2-Dichloroethane	10.50	9.81	93
1,1,1-Trichloroethane	10.40	10.15	98
Benzene	10.60	11.06	104
Carbon Tetrachloride	10.20	9.54	94
Cyclohexane	10.50	11.43	109

Analyte Compounds (Continued)	Source 1	CCV ²	% Recovery 3
1,2-Dichloropropane	10.50	11.11	106
Bromodichloromethane	10.40	10.24	98
1,4-Dioxane HR	10.40	15.98	154
Trichloroethene (TCE)	10.40	10.62	102
2,2,4-Trimethylpentane	10.00	11.54	115
Methyl Methacrylate	11.00	11.16	101
Heptane	10.50	10.76	102
cis-1,3-Dichloropropene	10.40	10.63	102
4-Methyl-2-pentanone (MiBK)	10.40	13.01	125
trans-1,3-Dichloropropene	10.50	10.58	101
1,1,2-Trichloroethane	10.50	10.65	101
Toluene	10.60	11.05	104
2-Hexanone (MBK)	10.50	12.72	121
Dibromochloromethane	10.30	9.87	96
1,2-Dibromoethane	10.60	10.26	97
Tetrachloroethene (PCE)	10.40	10.26	99
Chlorobenzene	10.60	10.45	99
Ethylbenzene	10.50	10.56	101
m & p-Xylene	21.00	20.99	100
Bromoform	10.50	10.16	97
Styrene .	10.50	10.65	101
1,1,2,2-Tetrachloroethane	10.50	10.92	104
o-Xylene	10.50	10.67	102
1,2,3-Trichloropropane	11.00	11.33	103
Isopropylbenzene (Cumene)	10.30	9.94	97
α-Pinene	10.70	10.72	100
2-Chlorotoluene	10.30	10.21	99
n-Propylbenzene	10.10	10.03	99
4-Ethyltoluene	10.30	10.12	98
1,3,5-Trimethylbenzene	10.30	9.72	94
β-Pinene	11.00	11.51	105
1,2,4-Trimethylbenzene	10.30	10.31	100
Benzyl Chloride (a-Chlorotoluene)	10.40	9.68	93
1,3-Dichlorobenzene	10.40	9.98	96
1,4-Dichlorobenzene	10.30	9.60	93
Sec-ButylBenzene	10.10	9.75	97
1,2-Dichlorobenzene	10.60	9.76	92
n-ButylBenzene	10.20	10.00	98
1,2-Dibromo-3-Chloropropane	10.10	9.87	98
1,2,4-Trichlorobenzene	11.00	10.95	100
Naphthalene	11.50	12.15	106
Hexachlorobutadiene	11.00	10.02	91

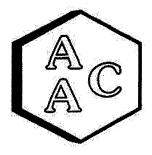
HR - Recovery for this compound was high. Results should be considered biased high.



¹Concentration of analyte compound in certified source standard.

² Measured result from daily Continuing Calibration Verification (CCV).

³ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/15/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity N₂

CALIBRATION STD ID: MS1-051623-01

UNITS: PPB (v/v)

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

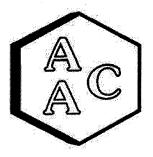
System Monitoring Compounds	Sample	Spike	LCS ¹	LCSD 1	LCS ¹	LCSD 1	RPD ³
System Mondoring Compounds	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	
4-BFB (surrogate standard)	0.0	9.40	8.74	8.87	93	94	1.5
1,1-Dichloroethene	0.0	10.40	11.25	10.91	108	105	3.1
Methylene Chloride (DCM)	0.0	10.50	10.95	10.46	104	100	4.6
Benzene	0.0	10.60	11.06	10.98	104	104	0.7
Trichloroethene (TCE)	0.0	10.40	10.62	10.58	102	102	0.4
Toluene	0.0	10.60	11.05	11.02	104	104	0.3
Tetrachloroethene (PCE)	0.0	10.40	10.26	10.27	99	99	0.1
Chlorobenzene	0.0	10.60	10.45	10.90	. 99	103	4.2
Ethylbenzene	0.0	10.50	10.56	10.61	101	101	0.5
m & p-Xylene	0.0	21.00	20.99	21.79	100	104	3.7
o-Xylene	0.0	10.50	10.67	10.67	102	102	0.0

¹Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

www.aaclab.com • (805) 650-1642

² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/15/2023

INSTRUMENT ID: GC/MS-03

MATRIX: High Purity He or N2

ANALYST: DL

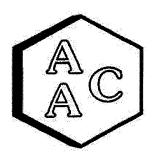
UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 111523	Reporting Limit (RL)
4-BFB (surrogate standard)	93%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5
Allyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
2-Butanone (MEK)	<rl< td=""><td>2.0</td></rl<>	2.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0.5</td></rl<>	0.5
Cyclohexane	<rl< td=""><td>0.5</td></rl<>	0.5

Analyte Compounds (Continued)	MB 111523	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>1.0</td></rl<>	1.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>2.0</td></rl<>	2.0
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>2.0</td></rl<>	2.0
Dibromochloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	<rl< td=""><td>0,5</td></rl<>	0,5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/15/2023

MATRIX : Air UNITS: PPB (v/v) INSTRUMENT ID: GC/MS-03

ANALYST: DL

DILUTION FACTOR¹: x1

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 232292-50946

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	9.01	9.30	3.2
Chlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Propene	1.80	1.80	0.0
Dichlorodifluoromethane	0.56	0.59	5.2
Dimethyl Ether	2.79	2.68	4.0
Chloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorotetrafluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetaldehyde	7.17	7.34	2.3
Methanol	50.9	48.8	4.2
1,3-Butadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromomethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA ·</td></srl<></td></srl<>	<srl< td=""><td>NA ·</td></srl<>	NA ·
Ethanol E	245	230	6.7
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrolein	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetone	16.3	15.9	2.6
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Propanol (IPA)	6.80	6.52	4.2
Acrylonitrile	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA ·</td></srl<></td></srl<>	<srl< td=""><td>NA ·</td></srl<>	NA ·
Methylene Chloride (DCM)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
TertButanol (TBA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Allyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Disulfide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Butanone (MEK)	3.61	3.48	3.7
cis-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethyl Acetate	1.41	1.36	3.6
Tetrahydrofuran	0.68	0.85	22,2
1,2-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzene	0.50	0.52	3.9
Carbon Tetrachloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Cyclohexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichloroethene (TCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Heptane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Methyl-2-pentanone (MiBK) J	1.62	1.76	8.3
trans-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Toluene	2.00	2.04	2.0
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrachloroethene (PCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
m & p-Xylene J	0.58	0.66	12.9
Bromoform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Styrene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2,2-Tetrachloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
o-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Isopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
α-Pinene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Ethyltoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3,5-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
β-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
Sec-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Naphthalene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexachlorobutadiene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

E - Estimated value above the calibration range.

CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Su	ng · Phone: 805	-650-1642 ·	Email: info@	aaclab.com ·	1534 Eastr	nan Ave Sı	ite A, Ventura, CA 93003	ıra, CA 930	503	AAC Project No.:
Client/Company Name	Project Name				·	Anal	ysis Requested	ted		Send Report To (Name/Email/Address)
Project Manager Name	Project Number	A [ON /(OFF	/(OFF							pschafer@scsengineers.com
PÁUL SCHAFER	01204123.	01204123.21 TASK 22	.2			Т				rhuff@scsengineers.com
Turnaround Time	Sampler Name	e	-		JR	LIS				Send Invoice To (Name/Email/Address)
Rush 24 h Same Day	Print: Hrmando	areo Hi	rtado		JLFU	JLL				
☑ Rush 72 h ☐ Normal	Signature:	I Ha	A.		91 SU	15 FU				PO Number
Client Sample Name	Sample ID	Sampling	Sampling	Container	307.9	ТО-			***************************************	
30-SW	512 27	h/14	720	Tedlar,	<					The second secon
MS-07	5-12-08		1017	1	×	×				San San San San San San San San San San
MS-08	51209		8011		\times	×				
MS-09	51210		1124		×	*				
M5-10	51211		1189		×	×			, .	
M5-11	51212		1250		×	×				Market Control
MS-12	51213		loys	\ \	×	\times				Section 1
Chapito Cyn Rd	7 7 1 1		1028		×	×				
3 End Lincoln	5125		1037	+	×	×				The lead of the le
364	51216	٤	11 32		א	×			15/12	
			,							
Client Nation (Co., 1911)						•		-		
client notes/special instructions:							EDD?			
							□ No E			
Print:		Date 11/14	Received By				Date (1 kg/2	V .		
ure: from North		Time 141	Signature:	あれ あれ		-	大学			
Print:		Date	Received By				Date			
Signature:		Time	Signature:				Time			

DV2P 0 FF

Issued 02/04/2021

Page___of__

232358

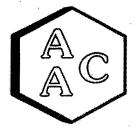
CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Sui	ng · Phone: 805	650-1642 · I	Email: info@	aaclab.com ·	1534 Eastn	nan Ave Su	ite A, Ventura, CA 93003	ura, CA 9	2003	AAC Project No.:
Client/Company Name	Project Name) } }			Anal	Analysis Requested	sted		Send Report To (Name/Email/Address)
Project Manager Name	CHIQUITA		(ON) OFF					e"		pschafer@scsengineers.com
PAUL SCHAFER	01204123.21 TASK 22	e r 21 TASK 2	2			Γ				rhuff@scsengineers.com
Turnaround Time	Sampler Name	P			JR	LIS'				Send Invoice To (Name/Fmail/Address)
☐ Rush 24 h ☐ Same Day	Print: Hrm	iando H	otado		JLFU	JLL				American Investment
	Signature:	Soul Ch	Mit -	,)1 SU	15 FU				PO Number
Client Sample Name	Sample ID	Sampling	Sampling	Container	307.9	ТО-				
10-51	タロコ	11/14	848O	Pedlar	X	X				
J.	21218		0944	1	7	X	1.			
- No-5N	61213		1230		χ	×				
KS-ON	51220		0217		X	×				
MS-1/5	51221		0831		X	×				
Keaction	2111		0927		X	X.				
Working face	51223	4	<i>0</i> 957	+	7	<				minals 12
										Total Canal
	÷		`						4	
Client Notes/Special Instructions										
Such takes) special filse fictions:							EDD? □Yes			
							□ No			
Print: Armando Hustado		Date 11/14	Received By	Con			Date 11 14 23	Si constant		
Signature: Land Matt		Time 1411	Signature:	7			Time 4			
Prot:		Date	Received by				Date			
Signature:		Time	Signature:				Time			

Drop of

Issued 02/04/2021

AAC COC Rev 3



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita [ON / OFF]

PROJECT NUMBER

01204123.21 TASK 22

AAC PROJECT NO.

: 232358

REPORT DATE

: 11/15/2023

On November 14th 2023, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Client ID	Lab No.
MS-06	232358-51207	SCV	232358-51216
MS-07	232358-51208	MS-01	232358-51217
MS-08	232358-51209	MS-02	232358-51218
MS-09	232358-51210	MS-03	232358-51219
MS-10	232358-51211	MS-04	232358-51220
MS-11	232358-51212	MS-05	232358-51221
MS-12	232358-51213	Reaction	232358-51222
Chiquito Cyn Rd	232358-51214	Working Face	232358-51223
S End Lincoln	232358-51215	·	

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of this sample. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parniar, Ph.I

Technical Director

This report consists of 10 pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232358 MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 11/14/2023

RECEIVING DATE: 11/14/2023 ANALYSIS DATE: 11/14-15/2023

REPORT DATE: 11/14-15/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09	MS-10	MS-11
AAC ID	232358-51207	232358-51208	232358-51209	232358-51210	232358-51211	232358-51212
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	0.081	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	0.120	0.060	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	0.201	0.060	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232358 MATRIX: AIR UNITS: ppmv SAMPLING DATE: 11/14/2023 RECEIVING DATE: 11/14/2023 ANALYSIS DATE: 11/14-15/2023

REPORT DATE: 11/16/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-12	Chiquito Cyn Rd	S End Lincoln	SCV	MS-01	MS-02
AAC ID	232358-51213	232358-51214	232358-51215	232358-51216	232358-51217	232358-51218
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050	< 0.050
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050	< 0.050
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050	< 0.050
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050	< 0.050
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050	< 0.050
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050	< 0.050
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050	< 0.050
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050	< 0.050
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050	< 0.050
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050	< 0.050
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	0.072	< 0.050	< 0.050
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050	< 0.050
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050	< 0.050
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050	< 0.050
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050	< 0.050
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050	< 0.050
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050	< 0.050
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050	< 0.050
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050	< 0.050
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050	< 0.050
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050	< 0.050
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	0.060	< 0.050	< 0.050
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	0.132	< 0.050	< 0.050

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232358

MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 11/14/2023

RECEIVING DATE: 11/14/2023 ANALYSIS DATE: 11/15/2023

REPORT DATE: 11/16/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-03	MS-04	MS-05	Reaction	Working Face
AAC ID	232358-51219	232358-51220	232358-51221	232358-51222	232358-51223
Analyte	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	0.156	< 0.050
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.050
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.050	< 0.050
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	0.156	< 0.050

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 11/14/2023

Analyst: KM Units: ppbV Instrument ID: SCD#10 Calb. Date: : 07/11/2022

Opening Calibration Verification Standard

499.8 ppbV H2S (SS1289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1765	479	95.8	3.1
Duplicate	1905	517	103.4	4.6
Triplicate	1796	487	97.5	1.4

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2386	553	101.1	0.3
Duplicate	2356	546	99.8	1.0
Triplicate	2396	556	101.5	0.7

479.0 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2643	500	104.3	3.9
Duplicate	2497	472	98.6	1.8
Triplicate	2491	471	98.3	2.1

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< th=""></pql<>

Duplicate Analys	is		Sample ID	231187-45761
Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0

Matrix Spike & Duplicate Sample ID 231438-46986 x2

matrix opine et b	upiicate		Dumpic 10	201100 10700	A.W		
Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
Analyte	Conc.	Added	Result	Result	% Rec **	% Rec **	70 KG D
H ₂ S	<pql< td=""><td>249.9</td><td>237.8</td><td>253.3</td><td>95.2</td><td>101.4</td><td>6.3</td></pql<>	249.9	237.8	253.3	95.2	101.4	6.3
MeSH	<pql< td=""><td>273.8</td><td>255.7</td><td>262.1</td><td>93.4</td><td>95.8</td><td>2.5</td></pql<>	273.8	255.7	262.1	93.4	95.8	2.5
DMS	<pql< td=""><td>239.5</td><td>230.7</td><td>235.4</td><td>96.3</td><td>98.3</td><td>2.0</td></pql<>	239.5	230.7	235.4	96.3	98.3	2.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	499.8	508.5	101.7
MeSH	547.5	552.8	101.0
DMS	479.0	486.3	101.5

^{*}Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD fro. ssAS

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbV DMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV



Quality Control/Quality Assurance Report **SCAQMD 307.91**

Date Analyzed: 11/14/2023

Analyst: CM/KM Units: ppmV

Instrument ID: SCD-BTU Calb. Date: : 6/13/23

Opening Calibration Verification Standard

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	905	0,521	104.2	4.9
Duplicate	836	0.481	96.3	3.0
Triplicate	846	0.487	97.4	1.9

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	910	0,553	101.0	1.7
Duplicate	899	0.546	99.8	0.4
Triplicate	877	0.533	97.3	2.1

0.479 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	864	0.476	99.5	0.5
Duplicate	854	0.471	98.3	0.7
Triplicate	862	0.475	99.2	0.2

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< th=""></pql<>

Duplicate Analysis			Sample ID	231187-45761
Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
DMS	<pql< td=""><td><pql< td=""><td>0,000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0,000</td><td>0.0</td></pql<>	0,000	0.0

231187-45761 x2 Matrix Spike & Duplicate

Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
Analyte	Conc.	Added	Result	Result	% Rec **	% Rec **	70 Kt D
H ₂ S	<pql< td=""><td>0.250</td><td>0.254</td><td>0.252</td><td>101.7</td><td>100.9</td><td>0.8</td></pql<>	0.250	0.254	0.252	101.7	100.9	0.8
MeSH	<pql< td=""><td>0.274</td><td>0.292</td><td>0.286</td><td>106.7</td><td>104.5</td><td>2.1</td></pql<>	0.274	0.292	0.286	106.7	104.5	2.1
DMS	<pql< td=""><td>0.240</td><td>0.252</td><td>0.256</td><td>105.2</td><td>106.9</td><td>1.6</td></pql<>	0.240	0.252	0.256	105.2	106.9	1.6

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.500	0.499	99.8
MeSH	0.548	0.557	101.7
DMS	0.479	0.496	103.5

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD from Mean result.

PQL = 50.0 ppbV MDL = 1.1 ppbV



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 11/15/2023

Analyst: KM Units: ppbV Instrument ID: SCD#10 Calb. Date: : 07/11/2022

Opening Calibration Verification Standard

499.8 ppbV H2S (SS1289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1751	475	95.0	3.7
Duplicate	1802	489	97.8	0.8
Triplicate	1899	515	103.1	4.5
547.5 ppbV H2S (SS1289))			

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2471	573	104.7	3.0
Duplicate	2373	550	100.5	1.1
Triplicate	2353	546	99.7	1.9

479.0 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2589	489	102.2	1.0
Duplicate	2647	500	104.5	1.3
Triplicate	2606	493	102.9	0.3

Method Blank

Analyte	Result
H ₂ S	<pql< td=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< td=""></pql<>

Duplicate Analysis Sample ID 231187-45761

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0

Matrix Spike & Duplicate Sample ID 231438-46986 x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec'**	% RPD ***
H ₂ S	<pql< td=""><td>249.9</td><td>259.9</td><td>260.1</td><td>104.0</td><td>104.1</td><td>0.1</td></pql<>	249.9	259.9	260.1	104.0	104.1	0.1
MeSH	<pql< td=""><td>273.8</td><td>275.6</td><td>294.8</td><td>100.7</td><td>107.7</td><td>6.7</td></pql<>	273.8	275.6	294.8	100.7	107.7	6.7
DMS	<pql< td=""><td>239.5</td><td>248.1</td><td>256.5</td><td>103.6</td><td>107.1</td><td>3.3</td></pql<>	239.5	248.1	256.5	103.6	107.1	3.3

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	499.8	539.3	107.9
MeSH	547.5	589.3	107.6
DMS	479.0	523.6	109.3

^{*}Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD fro. ssAS

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbVDMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV



Quality Control/Quality Assurance Report **SCAQMD 307.91**

Date Analyzed: 11/15/2023

Analyst: CM/KM Units: ppmV

Instrument ID: SCD-BTU Calb. Date: : 6/13/23

Opening Calibration Verification Standard

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	877	0.505	101.0	1.5
Duplicate	877	0.504	100.9	1.4
Triplicate	840	0.483	96.7	2.9

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	871	0.529	96.7	0.6
Duplicate	857	0.521	95.2	2.1
Triplicate	900	0.547	99.9	2.7

0.479 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	858	0.473	98.8	1.4
Duplicate	863	0.476	99.4	0.8
Triplicate	890	0.491	102.4	2.2

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< td=""></pql<>
DMS	<pql< td=""></pql<>

Duplicate Analysis Sample ID 231187-45761

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0

Matrix Spike & Duplicate 231187-45761 x2

Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
Analyte	Conc.	Added	Result	Result	% Rec **	% Rec **	/0 KI D
H ₂ S	<pql< td=""><td>0.250</td><td>0.268</td><td>0.254</td><td>107.3</td><td>101.7</td><td>5.4</td></pql<>	0.250	0.268	0.254	107.3	101.7	5.4
MeSH	<pql< td=""><td>0.274</td><td>0.264</td><td>0.257</td><td>96.4</td><td>93.9</td><td>2.7</td></pql<>	0.274	0.264	0.257	96.4	93.9	2.7
DMS	<pql< td=""><td>0.240</td><td>0.244</td><td>0.256</td><td>101.9</td><td>106.9</td><td>4.8</td></pql<>	0.240	0.244	0.256	101.9	106.9	4.8

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.500	0.497	99.4
MeSH	0.548	0.551	100.6
DMS	0.479	0.481	100.4

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD from Mean result.

PQL = 50.0 ppbV

 $\widehat{MDL} = 1.1 ppbV$

CHAIN OF CUSTODY AND ANALYSIS REQUEST —Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · Client/Company Name	g · Phone: 805	-650-1642 · I	Email: info@	aaclab.com ·	1534 Eastman Ave S		ite A, Ven	A, Ventura, CA 93003	3003	AAC Project No.:
SCS ENGINEERS	CHIQUITA	A [ON	(OFF)			Anal	ysis Requested	sted		Send Report To (Name/Email/Address)
PAUL SCHAFER	Project Number 01204123.21	ber .21 TASK 22	2			Γ				rhuff@scsengineers.com
Turnaround Time	Sampler Name	re .			JR	LIS'				Send Invoice To (Name/Email/Address)
	Print: Armando	iando Hu	Wtado		LFU	LL				Training Contract
Rush 78 h	Signature:	R. O.	1		SU	5 FU				PO Number
	5	Campling	E-malina		7.91)-1:			-	
Cilent Sample Name	Sample ID	Date	Time	Type/Qty	30′	ТС				
M8-06	60215	11/14		Tedlar	×	<				
MS-07	5-12-28		1017	7	×	×				
M5-08	51209		8011	1	X	×				
MS-09	51210		1124		፠	×				
125-10	5/2/		1189		×	×				
WS-11	プロン		1250	1	×	×				
MS-12	51213		Shol	1	X	\times				
13	SHA		1028	1	×	×				
3 End Lincoln	5125		1037	4	×	×				ne (got)
364	71216	٤	1132		Х	×		-		
Client Notes (Constitution)										
client Notes/Special Instructions:		,					EDD?		SH CHILD	
							□Yes	- 5	8	
							No			
Relinquished By		Date 11/14	Received By		T-POTONIA MARKANIA MA		Date (1 kg)	F		
Trypued Toth		Time) // //	Print: Va	$\mathcal{F}_{\mathcal{K}}$			がごれ	t ,		
reinquished By Print:		Date	Received By	+			Date			
Signature:		Time	Signature:			•				
			0		-		111111			

DV2P OFF

Issued 02/04/2021

age of

CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

							- P. C. C.	0.00	•	(
Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com ·	1g - Phone: 805	-650-1642 · E	mail: info@	aaclab.com ·	1534 Eastman Ave S	nan Ave Su	Suite A, Vent	Ventura, CA 93003	003	AAC Project No.:
SOS ENGINEERS	Project Name	>) 1 1			Analy	lysis Requested	ted		Send Report To (Name/Email/Address)
Project Manager Name	Project Number		CIV/ OFF					3		pschafer@scsengineers.com
PAUL SCHAFER	01204123.21	21 TASK 22	2			Γ	,			rhuff@scsengineers.com
Turnaround Time	Sampler Name	ī .			JR	LIS				Send invoice To was to with the
Rush 24 h	Print: Aryou	rando H	ofast		LFU	LL .				Series HET SPECE (VERHEL/CHAII) AUGIES)
	ξ.		Pak		SU.	FU				
⊠ Rusn / 2 n	Jenaraie.	Il med	MI		91 9	15				PO Number
Client Sample Name	Sample ID	Sampling	Sampling	Container)7.9	O-				
	Janpie ID	Date	Time	Type/Qty	30	T				
105-01	51217	11/14	8480	Tedlar 1	X	×				Ciradex
/WS-02	51218		0944	7	7	X				Sufficient
- SN	51219		1230	7	X	×				
100 - Carlo	51220		217		×	X	-			
100-05	51221		0831	/	X	X				
Kenction	21275		0927	1	X	X —			,	
WOIKING FORE	51223	4	0957	4	7	<				miojs 1
						,				The Control of the Co
										Town Lands
										White Const
					-					
client Notes/Special Instructions:							EDD?			
							□Yes	Ē		
					۳. ک		□ No			
uished By		Date 11/14	Received By	7			Date 11/11/			
Signature: Mango Holling			Print:	٠ د			7. 11. 11. 65	0		
Relinquished By Print:			Received by				Date Date			
Signature:		Time	Signature:				Time			· · · · · · · · · · · · · · · · · · ·
3 000							- 11100	14 X X X X	Contract of the Contract of th	できた。

Drop off

AAC COC Rev 3

Issued 02/04/2021



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita ON/OFF

PROJECT NO.

: 01204123.21 TASK 22

AAC PROJECT NO.

: 232432

REPORT DATE

: 11/27/2023

On November 21, 2023, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Client ID	Lab ID
MS-06	232432-51609	Chiquito Cyn Rd	232432-51618
MS-07	232432-51610	MS-01	232432-51619
MS-08	232432-51611	MS-02*	232432-51620
MS-09	232432-51612	MS-03	232432-51621
MS-10	232432-51613	MS-04	232432-51622
MS-12	232432-51614	MS-05	232432-51623
MS-11	232432-51615	Reaction	232432-51624
SCV	232432-51616	MS-02	232432-51625
S End Lincoln	232432-51617		

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

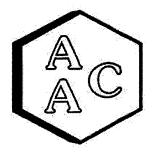
I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. These samples were received in Tedlar Bags, which are considered inappropriate containers by EPA Method TO-15. Per NELAC requirements the analytical results should be considered estimated for these samples. No other problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

ycha Paymar, Ph.I echnical Director

This report consists of 25 pages.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232432 MATRIX: AIR

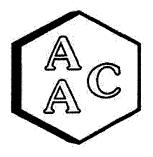
UNITS : PPB (v/v)

DATE RECEIVED: 11/21/2023

DATE REPORTED: 11/27/2023

ANALYST: DL/CH

Client ID	T	MS-06	alandar de la companya de la company			MS-07		Sample	
AAC ID		232432-516	509	Sample		232432-516	510		Method
Date Sampled		11/21/202		Reporting		11/21/202	3	Reporting	Reporting
Date Analyzed		11/22/202		Limit		11/22/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00	,	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	0.63		1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methanol	28.2		1	5.00	28.4		1	5,00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>11</td><td>0,50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0,50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	17.8		1	2.00	26.8		11	2.00	2.00
Vinyl Bromide	<srl< td=""><td>Ŭ</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Acetone	10.7		1	2.00	13.1		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	7.29		1	2.00	6.68		11	2,00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>υ·</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>υ·</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	υ·	11	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<>	U	11	0.50	0,50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl_< td=""><td>U</td><td>1</td><td>0,50</td><td>0,50</td></srl_<></td></srl<>	U	1	0.50	<srl_< td=""><td>U</td><td>1</td><td>0,50</td><td>0,50</td></srl_<>	U	1	0,50	0,50
Ethyl Acetate	0.51		11	0.50	0.70		11	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.67</td><td></td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.67		11	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.68</td><td>l</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.68	l	11	0.50	0.50



Laboratorý Analysis Report

CLIENT: SCS Engineers PROJECT NO: 232432

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 11/21/2023

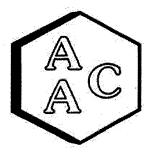
DATE REPORTED: 11/27/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-06		Sample		MS-07		Sample	
AAC ID		232432-516				232432-516		Reporting	Method
Date Sampled		11/21/202		Reporting		11/21/202			Reporting
Date Analyzed		11/22/202	3	Limit		11/22/202	3	Limit	Limit
Can Dilution Factor		1.00		SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1,00</td><td>1,00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td>1,00</td></srl<>	U	1	1,00	1,00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>Ŭ</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Toluene	5.99		1	0.50	12.2		11	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0,50</td><td>0.50</td></srl<>	U	11	0,50	0.50
Ethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1,00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1,00</td></srl<>	U	11	1.00	1,00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ŭ</td><td>- 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	- 1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>l l</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>l l</td><td>0.50</td><td>0,50</td></srl<>	U	l l	0.50	0,50
BFB-Surrogate Std. % Recovery		105%				104%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232432

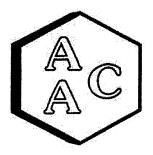
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 11/21/2023

DATE REPORTED: 11/27/2023

ANALYST: DL/CH

Client ID	/	MS-08		T		MS-09		61-	
AAC ID		232432-516	11	Sample		232432-516	12	Sample	Method
Date Sampled		11/21/202	3	Reporting		11/21/202	3	Reporting	Reporting
Date Analyzed		11/22/202	3	Limit		11/22/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	. ,
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	0.74		1	0.50	0.59		1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>- 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>- 1</td><td>0.50</td><td>0.50</td></srl<>	U	- 1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	21.3		11	5.00	18.4		111	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>·<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	· <srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U '</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U '	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	25.4		1	2.00	21.9		1	2.00	2,00
Vinyl Bromide	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	9.08		1	2.00	12.1		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
2-Propanol (IPA)	6.02		1	2.00	4.50		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>2,00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ŭ</td><td>1</td><td>2,00</td><td>2.00</td></srl<>	Ŭ	1	2,00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexane	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	ī	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Ethyl Acetate	0.70		i	0.50	0.57		1	0,50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>Ī</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	Ī	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	ī	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzene	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers PROJECT NO: 232432

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 11/21/2023 DATE REPORTED: 11/27/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID		MS-08 232432-516	11	Sample		MS-09 232432-516	512	Sample	Method
Date Sampled	 	11/21/202		Reporting		11/21/202		Reporting	Reporting
Date Sumpled Date Analyzed	 	11/22/202		Limit		11/22/202		Limit	Limit
Can Dilution Factor	 	1,00		(SRL)		1.00	<u> </u>	(SRL)	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Toluene	9.98		1	0.50	7.77		11	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0,50</td><td>0.50</td></srl<>	U	11	0,50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0,50</td><td>0.50</td></srl<>	U	11	0,50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
BFB-Surrogate Std. % Recovery		108%				103%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232432 MATRIX: AIR

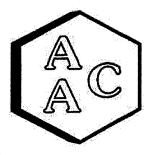
UNITS : PPB (v/v)

DATE RECEIVED: 11/21/2023

DATE REPORTED: 11/27/2023

ANALYST: DL/CH

Client ID	T	MS-10		Sample		MS-12		Sample	
AAC ID		232432-516	13			232432-516			Method
Date Sampled	T	11/21/202	3	Reporting		11/21/202		Reporting	Reporting
Date Analyzed		11/22/202	3	Limit		11/22/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	` ′
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1,00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1,00</td></srl<>	U	1	1.00	1,00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.61</td><td></td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.61		11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methanol	12.1		11	5.00	25.0		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	27.9		1	2.00	42.0		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	11.0		1	2.00	12.8		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	6.05		1	2.00	8.10		1	2,00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ŭ</td><td>- 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	- 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Hexane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	0.55		1	0.50	1.01		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers PROJECT NO: 232432

MATRIX : AIR
UNITS : PPB (v/v)

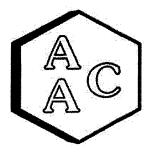
DATE RECEIVED: 11/21/2023 DATE REPORTED: 11/27/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-10		Sample		MS-12		Sample	
AAC ID		232432-516		Reporting		232432-516		Reporting	Method
Date Sampled		11/21/202				11/21/202		Limit	Reporting
Date Analyzed		11/22/202	3	Limit		11/22/202	3	1	Limit
Can Dilution Factor		1.00		(SRL)		1,00	r	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Toluene	14.4		1	0.50	11.4		~ 1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl_< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl_<></td></srl<>	U	1	0.50	<srl_< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl_<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl_< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl_<></td></srl<>	U	1	0.50	<srl_< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl_<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1,00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1,00</td></srl<>	U	1	1.00	1,00
Bromoform	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0,50</td><td>0.50</td></srl<>	U	11	0,50	0.50
BFB-Surrogate Std. % Recovery		103%		The state of the s		104%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232432

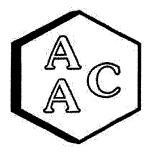
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 11/21/2023

DATE REPORTED: 11/27/2023

ANALYST: DL/CH

Client ID	T T	MS-11				SCV		Sample	
AAC ID		232432-516	15	Sample		232432-516			Method
Date Sampled	 	11/21/202	3	Reporting		11/21/202		Reporting	Reporting
Date Analyzed		11/22/202	3	Limit		11/22/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	. ,
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chloromethane	0.62		1	0.50	0.64		11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<>	U	11	0.50	0,50
Methanol	31.4		1	5.00	12.6		11	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromomethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	23.5		1	2.00	29.1		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Acetone	10.8		1	2.00	8.07		1	2,00	2.00
Trichlorofluoromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
2-Propanol (IPA)	9.24		1	2.00	6.17		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<>	U	11	0.50	0,50
1,1-Dichloroethene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><\$RL</td><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	<\$RL	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	Ü	11	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Carbon Disulfide	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<>	U	11	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Chloroform	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Ethyl Acetate	0.68		1	0.50	0.55		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232432 MATRIX : AIR

UNITS: PPB (v/v)

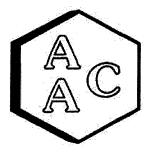
DATE RECEIVED: 11/21/2023

DATE REPORTED: 11/27/2023

ANALYST: DL/CH

Client ID AAC ID		MS-11 232432-516	(15	Sample	232432-31010			Sample	Method
Date Sampled	 	11/21/202		Reporting		11/21/202		Reporting	
Date Sumpled Date Analyzed		11/22/202		Limit		11/22/202		Limit	Reporting
Can Dilution Factor		1.00	J	(SRL)		1.00	<u> </u>	(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ŭ	1	0.50	0,50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1,00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td>1.00</td></srl<>	U	1	1,00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene -	14.1		1	0.50	12.4		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1,00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1,00</td></srl<>	Ŭ	1	1.00	1,00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
m & p-Xylene	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Bromoform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>l i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	l i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>ii</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	ii	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
BFB-Surrogate Std. % Recovery		103%				104%			70-130%

U - Compound was not detected at or above the SRL.



Laboratory Analysis Report

CLIENT: SCS Engineers PROJECT NO: 232432

MATRIX : AIR

UNITS: PPB (v/v)

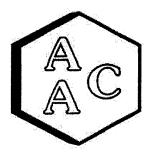
DATE RECEIVED: 11/21/2023

DATE REPORTED: 11/27/2023

ANALYST: DL/CH

Client ID		S End Line		Sample		Chiquito Cy		Sample	
AAC ID		232432-516		Reporting		232432-516		Reporting	Method
Date Sampled		11/21/202		Limit		11/21/202		Limit	Reporting
Date Analyzed		11/22/202	3	1		11/22/202	3		Limit
Can Dilution Factor		1.00	,	(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Propene	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	0.57		11	0.50	0.57		11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl_< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl_<></td></srl<>	U	11	0.50	<srl_< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl_<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>Û</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Û	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	22.0		1	5.00	21.9		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	26.3		1	2.00	26.3		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	16.2		1	2.00	12.2		1	2,00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	6.38		1	2.00	7.06		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ŭ.</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ.	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1,00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1,00</td></srl<>	U	1	1.00	1,00
2-Butanone (MEK)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	0.71		1	0.50	0.73		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i	0.50	0.50
Benzene	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>ī</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	ī	0.50	<srl< td=""><td>Ŭ</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	ī	0.50	0.50





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232432

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 11/21/2023

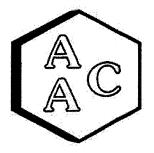
DATE REPORTED: 11/27/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		S End Line		Sample		Chiquito Cyr		Sample	
AAC ID		232432-516				232432-516		Reporting	Method
Date Sampled		11/21/202		Reporting		11/21/202			Reporting
Date Analyzed		11/22/202	3	Limit		11/22/202	3	Limit	Limit
Can Dilution Factor		1.00		SRL)		1.00	·	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0,50</td><td>0.50</td></srl<>	U	11	0,50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ü	1	0.50	0,50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	9.26		1	0.50	9.36		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Ethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Styrene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>- 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	- 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
BFB-Surrogate Std. % Recovery		102%				103%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232432 MATRIX: AIR

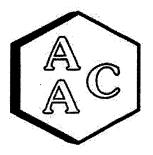
UNITS: PPB (v/v)

DATE RECEIVED: 11/21/2023

DATE REPORTED: 11/27/2023

ANALYST: DL/CH

Client ID		MS-01		Sample		MS-02*		Sample	
AAC ID		232432-516	19			232432-516			Method
Date Sampled		11/21/202	3	Reporting		11/21/202		Reporting	Reporting
Date Analyzed		11/22/202	3	Limit		11/22/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00	r	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl_< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1:00</td></srl<></td></srl_<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1:00</td></srl<>	U	1	1.00	1:00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	0.57		1	0.50	0.58		1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	16.8		1	5.00	27.0		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	31.6		1	2.00	70.5		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Acetone	12.1		1	2.00	13.4		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.59</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.59		1	0.50	0.50
2-Propanol (IPA)	7.25		1	2.00	9,24		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	. <srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1,00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td>1.00</td></srl<>	U	1	1,00	1.00
Allyl Chloride	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ŭ	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ŭ	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethyl Acetate	0.60		1	0.50	1.38		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232432

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 11/21/2023

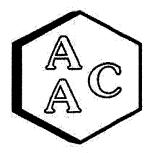
DATE REPORTED: 11/27/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	1	MS-01		Sample		MS-02*		Sample	l
AAC ID		232432-516				232432-516		Reporting	Method
Date Sampled		11/21/202		Reporting		11/21/202			Reporting
Date Analyzed		11/22/202	3	Limit		11/22/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50_</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50_</td></srl<>	U	1	0.50	0.50_
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl_< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl_<></td></srl<>	U	1	1.00	<srl_< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl_<>	U	11	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	11.0		1	0.50	11.8		1	0,50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ŭ</td><td>-1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ŭ	-1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0:50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0:50</td></srl<>	U	1	0.50	0:50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.17</td><td></td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.17		1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50		1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>.1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>.1</td><td>0.50</td><td>0.50</td></srl<>	Ū	.1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ü .</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ü .	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ū	1	0,50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ŭ</td><td>i i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	i i	0.50	<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ü	11	0.50	0.50
BFB-Surrogate Std. % Recovery		103%				104%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232432

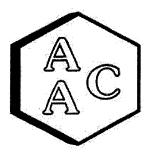
MATRIX : AIR
UNITS : PPB (v/v)

•

DATE RECEIVED: 11/21/2023 DATE REPORTED: 11/27/2023

ANALYST: DL/CH

Client ID		MS-03		Sample		MS-04		Sample	
AAC ID		232432-516	21			232432-516		Reporting	Method
Date Sampled		11/21/202		Reporting		11/21/202			Reporting
Date Analyzed		11/22/202	3	Limit		11/22/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>_ 1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	_ 1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chloromethane	0.51		11	0.50	0.68		11	0.50	0,50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Methanol	61.4		1	5.00	31,5		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Ethanol	28.3		1	2.00	34.7		111	2.00	2.00
Vinyl Bromide	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Acetone	19.2		1	2.00	18.9		11	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	11.5		1	2,00	9.06		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>Ŭ</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2,00</td></srl<></td></srl<>	Ŭ	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2,00</td></srl<>	U	1	2.00	2,00
Trichlorotrifluoroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Hexane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl_< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl_<></td></srl<>	U	1	0.50	<srl_< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl_<>	U	11	0.50	0.50
Ethyl Acetate	0.87		1	0.50	0.89		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232432

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 11/21/2023

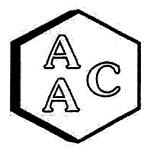
DATE REPORTED: 11/27/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-03		Sample		MS-04		Sample	Method
AAC ID		232432-516		Reporting		232432-516		Reporting	
Date Sampled		11/21/202		Limit		11/21/202		Limit	Reporting
Date Analyzed		11/22/202	3	1		11/22/202	3		Limit
Can Dilution Factor		1.00	,	(SRL)		1.00	1	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	10,3		1	0.50	16.7		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xvlene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ü	11	0.50	0.50
BFB-Surrogate Std. % Recovery	X.)E	103%				103%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232432

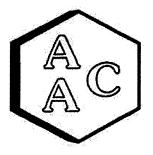
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 11/21/2023

DATE REPORTED: 11/27/2023

ANALYST: DL/CH

Client ID		MS-05		Sample		Reaction		Sample	
AAC ID		232432-516	523			232432-516	24		Method
Date Sampled		11/21/202	3	Reporting		11/21/202		Reporting	Reporting
Date Analyzed		11/22/202	3	Limit		11/22/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1,00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	. ,
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>6,07</td><td></td><td>11</td><td>1,00</td><td>1.00</td></srl<>	U	1	1.00	6,07		11	1,00	1.00
Dichlorodifluoromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.74</td><td></td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	1	0,50	0.74		11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>. 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	. 1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methanol	44.3		1	5.00	103		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	35.2		1	2.00	63.6		1	2.00	2,00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	16.8		1	2.00	23.9	1	11	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	8.18		1	2.00	14.1		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<>	U	1	2,00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinvl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>8.27</td><td></td><td>1</td><td>1.00</td><td>1,00</td></srl<>	U	1	1.00	8.27		1	1.00	1,00
cis-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Hexane	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Ethyl Acetate	0.61		ī	0.50	1.25		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>8.84</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	8.84		1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ŭ</td><td>ĺ</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	ĺ	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzene	SRL	Ü	l i	0.50	6.02		ì	0.50	0.50
Denzene	1 /DKL	<u> </u>	L	0.50	0.02	l	1	0,50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232432

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 11/21/2023

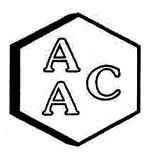
DATE REPORTED: 11/27/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-05		Sample		Reaction		Sample	
AAC ID		232432-516				232432-516		Reporting	Method
Date Sampled		11/21/202		Reporting		11/21/202			Reporting
Date Analyzed		11/22/202	3	Limit		11/22/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00	· · · · · · · · · · · · · · · · · · ·	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	10.2		1	0.50	12,6		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dibromochloromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ū	1	0,50	0.50
Ethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	1.00	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ŭ	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
BFB-Surrogate Std. % Recovery		103%				103%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232432

MATRIX : AIR

UNITS: PPB (v/v)

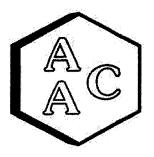
DATE RECEIVED: 11/21/2023

DATE REPORTED: 11/27/2023

ANALYST: DL/CH

Client ID		MS-02		Sample	
AAC ID		232432-51625			Method
Date Sampled		11/21/2023			Reporting
Date Analyzed		11/22/2023			Limit
Can Dilution Factor		1.00			
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	0.64		1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	41.6		1	5.00	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Chloroethane	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	· U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	42.6		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	i	0.50	0.50
Acetone	16.2		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	9.25		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td><u>î</u></td><td>0.50</td><td>0.50</td></srl<>	Ü	<u>î</u>	0.50	0.50
Hexane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Ethyl Acetate	0.96		i	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	U	i	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
Benzene	SRL	Ü	î	0.50	0.50
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	1 5115		***************************************	<u> </u>	0,00





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232432

MATRIX : AIR

UNITS: PPB (v/v)

DATE RECEIVED: 11/21/2023

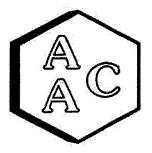
DATE REPORTED: 11/27/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

AAC ID Date Sampled		232432-516	25	Sample	Method
				Reporting	Memon
			11/21/2023		
Date Analyzed		11/22/2023			Reporting Limit
Can Dilution Factor		1.00			(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	11.1		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ü	1	0,50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xvlene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>ĺ</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	ĺ	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ü</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	Ü	<u> </u>	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
1.2.4-Trichlorobenzene	SRL	Ŭ	i	0.50	0.50
Hexachlorobutadiene	SRL	TI TI	i i	0.50	0,50
BFB-Surrogate Std. % Recovery	1 2017	105%	<u> </u>	<u> </u>	70-130%





QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 11/22/2023 MATRIX : High Purity N_2 UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-051523-01
ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 09/26/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery
4-BFB (surrogate standard)	9.40	9.86	105
Chlorodifluoromethane	10.40	12.23	118
Propene	10.60	11.78	111
Dichlorodifluoromethane	10.40	12.29	118
Dimethyl Ether	10.20	10.72	105
Chloromethane	10.40	11.70	113
Dichlorotetrafluoroethane	10.30	10.03	97
Vinyl Chloride	10.50	10.95	104
Acetaldehyde	21.10	22.70	108
Methanol	18.80	14.91	79
1,3-Butadiene	10,60	12.35	117
Bromomethane	10.40	9.76	94
Chloroethane	10.30	10.28	100
Dichlorofluoromethane	10.20	10.98	108
Ethanol	11.20	10.25	92
Vinyl Bromide	10.10	9.65	96
Acrolein	11.10	11.98	108
Acetone	10.60	10.08	95
Trichlorofluoromethane	10.50	11.67	111
2-Propanol (1PA)	11.00	11.71	106
Acrylonitrile	11.20	12.72	114
1,1-Dichloroethene	10.40	10.07	97
Methylene Chloride (DCM)	10.50	9.29	88
TertButanol (TBA)	11.10	13.46	121
Allyl Chloride	10.20	11.47	112
Carbon Disulfide	10.50	10.90	104
Trichlorotrifluoroethane	10.40	10.04	97
trans-1,2-Dichloroethene	10.60	10.98	104
1,1-Dichloroethane	10.50	11.48	109
Methyl Tert Butyl Ether (MTBE)	10.50	11.34	108
Vinyl Acetate	11.00	13.48	123
2-Butanone (MEK)	10.60	10.41	98
cis-1,2-Dichloroethene	10.50	10.79	103
Hexane	10.70	10.94	102
Chloroform	10.60	11.55	109
Ethyl Acetate	10.60	12.44	117
Tetrahydrofuran	10.20	10.19	100
1,2-Dichloroethane	10.50	12.85	122
1,1,1-Trichloroethane	10.40	12.09	116
Benzene	10.60	10.46	99
Carbon Tetrachloride	10.20	12.51	123
Cyclohexane	10.50	9,80	93

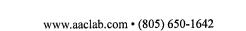
Cyclonexalle	10.30	9,00
¹ Concentration of analyte compound in cert	tified source st	andard.
² Measured result from daily Continuing Ca	libration Verifi	ication (CCV).

 $^{^3}$ The acceptable range for analyte recovery is 100±30%.

LR - Recovery for this compound was low. Results should be considered estimated.

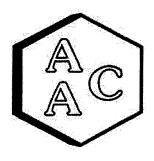
Analyte Compounds (Continued)	Source 1	CCV ²	% Recovery
1,2-Dichloropropane	10.50	10.76	102
Bromodichloromethane	10.40	12.22	118
1,4-Dioxane	10.40	10.01	96
Trichloroethene (TCE)	10.40	10.21	98
2,2,4-Trimethylpentane	10.00	10.83	108
Methyl Methacrylate	11.00	11.62	106
Heptane	10.50	10.34	98
cis-1,3-Dichloropropene	10.40	11.36	109
4-Methyl-2-pentanone (MiBK)	10.40	11.28	108
trans-1,3-Dichloropropene	10.50	12.22	116
1,1,2-Trichloroethane	10.50	10.27	98
Toluene	10.60	10,32	97
2-Hexanone (MBK)	10.50	11.84	113
Dibromochloromethane	10.30	11.96	116
1,2-Dibromoethane	10.60	10.55	100
Tetrachloroethene (PCE)	10.40	10.54	101
Chlorobenzene	10.60	9.95	94
Ethylbenzene	10.50	10.59	101
m & p-Xylene	21.00	20.67	98
Bromoform	10.50	12.46	119
Styrene	10.50	10.73	102
1,1,2,2-Tetrachloroethane	10.50	9.92	94
o-Xylene	10.50	10.54	100
1,2,3-Trichloropropane	11.00	11.49	104
Isopropylbenzene (Cumene)	10.30	9.96	97
α-Pinene	10.70	10.57	99
2-Chlorotoluene	10.30	10.09	98
n-Propylbenzene	10.10	9.82	97
4-Ethyltoluene	10.30	10.16	99
1,3,5-Trimethylbenzene	10.30	10.41	101
β-Pinene LR	11.00	2.57	23
1,2,4-Trimethylbenzene	10.30	10.20	99
Benzyl Chloride (a-Chlorotoluene)	10.40	8.98	86
1,3-Dichlorobenzene	10.40	10.37	100
1,4-Dichlorobenzene	10.30	10.16	99
Sec-ButylBenzene	10.10	9.86	98
1,2-Dichlorobenzene	10,60	10.30	97
n-ButylBenzene	10.20	10.22	100
1,2-Dibromo-3-Chloropropane	10,10	10.15	100
1,2,4-Trichlorobenzene	11.00	11.82	107
Naphthalene	11.50	11.27	98
Hexachlorobutadiene	11.00	11.64	106

^{* -} β-Pinene results are estimated.



Page 20





QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/22/2023

INSTRUMENT ID: GC/MS-04

MATRIX: High Purity N2

CALIBRATION STD ID: MS1-051523-01

UNITS: PPB (v/v)

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

Sustan Manitorius Companyda	Sample	Spike	LCS ¹	LCSD 1	LCS ¹	LCSD 1	RPD³
System Monitoring Compounds	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	KFD
4-BFB (surrogate standard)	0.0	9.40	9.86	9.94	105	106	0.8
1,1-Dichloroethene	0.0	10.40	10.07	10.11	97	97	0.4
Methylene Chloride (DCM)	0.0	10.50	9.29	9.20	88	88	1.0
Benzene	0.0	10.60	10.46	10.56	99	100	1.0
Trichloroethene (TCE)	0.0	10.40	10.21	10.34	98	99	1.3
Toluene	0.0	10.60	10.32	10.51	97	99	1.8
Tetrachloroethene (PCE)	0.0	10.40	10.54	10.62	101	102	0.8
Chlorobenzene	0.0	10.60	9.95	9.78	94	92	1.7
Ethylbenzene	0.0	10.50	10.59	10.63	101	101	0.4
m & p-Xylene	0.0	21.00	20.67	20.97	98	100	1.4
o-Xylene	0.0	10.50	10.54	10.55	100	100	0.1

¹Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)



² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/22/2023

INSTRUMENT ID: GC/MS-04

MATRIX: High Purity He or N2

ANALYST: DL

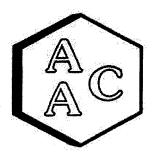
UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 112223	Reporting Limit (RL)
4-BFB (surrogate standard)	100%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5
Allyl Chloride	<rl< td=""><td>1,0</td></rl<>	1,0
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>1.0</td></rl<>	1.0
2-Butanone (MEK)	<rl< td=""><td>1.0</td></rl<>	1.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0.5</td></rl<>	0.5
Cyclohexane	<rl< td=""><td>0.5</td></rl<>	0.5

Analyte Compounds (Continued)	MB 112223	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>1.0</td></rl<>	1.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>1.0</td></rl<>	1.0
Dibromochloromethane	<rl< td=""><td>0,5</td></rl<>	0,5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/22/2023

MATRIX : Air

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-04

ANALYST: DL

 $DILUTION \ FACTOR^1: \ x1$

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 232292-50946

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	9.70	9.69	0.1
Chlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Propene	2.02	1.96	3.0
Dichlorodifluoromethane	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Dimethyl Ether	2.24	2.33	3.9
Chloromethane	0.97	0.85	13.2
Dichlorotetrafluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetaldehyde	6.94	6.48	6.9
Methanol	24.9	25.0	0.5
1,3-Butadiene	<srl< td=""><td><srl< td=""><td>. <i>NA</i></td></srl<></td></srl<>	<srl< td=""><td>. <i>NA</i></td></srl<>	. <i>NA</i>
Bromomethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroethane	<srl< td=""><td><srl< td=""><td>ŊA</td></srl<></td></srl<>	<srl< td=""><td>ŊA</td></srl<>	ŊA
Dichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethanol E	143	137	4.2
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Acrolein	1.68	1,57	6.8
Acetone	13.5	13.6	1.2
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Propanol (IPA)	5.19	4.95	4.7
Acrylonitrile	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
1,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methylene Chloride (DCM)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
TertButanol (TBA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Allyl Chloride	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Carbon Disulfide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>ŊA</td></srl<></td></srl<>	<srl< td=""><td>ŊA</td></srl<>	ŊA
1,1-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Acetate	<\$RL	<srl< td=""><td>NA</td></srl<>	NA
2-Butanone (MEK)	3.18	3.08	3.2
cis-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Hexane	0.81	0.80	1.2
Chloroform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethyl Acetate	1.96	1.85	5.8
Tetrahydrofuran	0.56	0.60	6.9
1,2-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Tetrachloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Cyclohexane	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichloroethene (TCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Heptane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Methyl-2-pentanone (MiBK)	1.66	1,67	0,6
trans-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Toluene	1.77	1.68	5.2
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Tetrachloroethene (PCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n & p-Xylene J	0.61	0.66	7.9
Bromoform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Styrene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2,2-Tetrachloroethane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
o-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
sopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
x-Pinene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
I-Ethyltoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,3,5-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
3-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Sec-ButylBenzene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-ButylBenzene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
,2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vaphthalene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

 $[\]ensuremath{\mathrm{E}}$ - Estimated value above the maximum reporting limit, shown for duplication purposes only.

232 432

CHAIN OF CUSTODY AND ANALYSIS REQUEST -- Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

			Citati Of	custout is a c	במאר סטכ	Study is a cropt poculation. Col	Infriete qui reie	EIEVAIL III	Hus.		\
Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Su	ng · Phone: 805	-650-1642 ·	Email: info@	aaclab.com ·	1534 East	man Ave Su	iite A, Ventura, CA 93003	ura, CA 93	003	AAC Project No.:	
Client/Company Name	Project Name	>				Analı	ysis Requested	sted		Send Report To (Name/Email/Address)	ll/Address)
Project Manager Name	Project Number	-								pschafer@scsengineers.com	ers.com
PAUL SCHAFER	01204123.	01204123.21 TASK 22	22			Т	***************************************	,		rhuff@scsengineers.com	com
Turnaround Time	Sampler Name	e			JR	LIS				Send Invoice To (Name/Email/Address)	il/Address)
☐ Rush 24 h ☐ Same Day	Print: Warwu	, y, k			JLFU	JLL					
☑ Rush 72 h ☐ Normal	Signature:	2			91 SU	15 F				PO Number	
Client Sample Name	Sample ID	Sampling	Sampling	Container	307.9	ГО-					
ラうつけ、		Date	IIme	lype/Qty	3	,					
NV-06	51609	12	1718	4010x	K	\searrow					
M 5-07	51610		1113	1	8	K					
M12-08	51611		1146	+	5	*					
NS-08	51612		8 SII		ス	χ					į
W S ~ (0	51613		0854	/	8	X Ì					
JA A	21614		W39		X	y					
SE WS-11	5-1615		4301		6	X				Second .	
SCN	51616		2120		ろ	8					
a vend unsin	51617		1130		X	X					7
Uniquita Cyan Kd	51618	«	W24	X	X	X		-			
Client Notes (Constitution)											
circuit notes/ special instructions:							EDD? □Yes		Ame and	19	
			,				□ No				
Relinquished By Print: TVALAM		Date	Received By	A			Date				
Signature: 87 W	4	Time 132	Signature:		\		Time				
Print:		Date	Received By		1		Date,				
Signature:		Time	Signature:	\	1		Time (654	4			
										The second secon	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAM

AAC COC Rev 3

Issued 02/04/2021

Page____of__

232432

CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1640 · Email: info@paclab.com · 1524 Eactman Aug Sui	na - Dhone - 205,650-16	13 . Emrili infa@33	alah aana desa ca		- A 1/	, ,,,,,,,	
Client/Company Name	Project Name				is Requested		Send Report To /Name/Fmail/Address)
SCS ENGINEERS	A M	ON / OFF]					
Project Manager Name	Project Number						pschater@scsengineers.com
FAUL SCHAFER	01204123.21 TASK 22	K 22		ST			rhuff@scsengineers.com
Turnaround Time	Sampler Name		JR	LIS	,		Send Invoice To (Name/Email/Address)
☐ Rush 24 h ☐ Same Day	Print: EVA LWW		 LFU	LL			,
☐ Rush 48 h ☐ 5 Days	Cianatura.	•	— SU]	FU			
Rush 72 h	Jaguardie: PVV	لب	91 \$	15			PO Number
Client Sample Name	Sample ID Sampling	Sampling	Container 307.	ГО-			
200 41	Date	ime	2				
	516/9 112	1007 18	* Sedice	}	***************************************		A STATE OF S
MS-02*	51620	1039 1	8	k			Safir
M (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5162	123	8	V			
MJOH	57622	0937	8	X	•		
11/5-05	51623	1884	4	×	***************************************		A TOTAL STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET,
Kachon	51624	0280	ধ	ኦ			
& JM Meine MS-02	21915	1055	8	<			Michigan Commence
							John Kennerical Call
		\					Sae I (Aut.
·							
cial Instru				ш	EDD?		10.10 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10
There are 2 N	2 M502; diffen	differentiated by asteriks		*	□Yes		
Relinquished By Print: なかいんべ	Date 	Received By Print:		6	Date		
Signature: 8 77	Time \3	15) 4 Signature:	/	-	3		
Relinquished By Print:	Date	Received By)	_0	Date /		
Signature:	Time	Signature:		-1	Time / CTS		10 · · · · · · · · · · · · · · · · · · ·

AAC COC Rev 3

Issued 02/04/2021

Page___of__



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita [ON / OFF]

PROJECT NUMBER

: 01204123.21 TASK 22

AAC PROJECT NO.

: 232432

REPORT DATE

: 11/27/2023

On November 21st 2023, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Client ID	Lab No.
MS-06	232432-51609	Chiquita Cyn Rd	232432-51618
MS-0.7	232432-51610	MS-01	232432-51619
MS-08	232432-51611	MS-02*	232432-51620
MS-09	232432-51612	MS-03	232432-51621
MS-10	232432-51613	MS-04	232432-51622
MS-12	232432-51614	MS-05	232432-51623
MS-11	232432-51615	Reaction	232432-51624
SCV	232432-51616	MS-02	232432-51625
S End Lincoln	232432-51617		

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAOMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

This report consists of 8 pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232432 MATRIX: AIR

UNITS : ppmv

SAMPLING DATE: 11/21/2023

RECEIVING DATE: 11/21/2023 ANALYSIS DATE: 11/22/2023 REPORT DATE: 11/27/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09	MS-10	MS-12
AAC ID	232432-51609	232432-51610	232432-51611	232432-51612	232432-51613	232432-51614
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO. : 232432 MATRIX : AIR

UNITS: ppmv

SAMPLING DATE: 11/21/2023

RECEIVING DATE: 11/21/2023 ANALYSIS DATE: 11/22/2023 REPORT DATE: 11/27/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

	,					
Client ID	MS-11	SCV	S End Lincoln	Chiquita Cyn Rd	MS-01	MS-02*
AAC ID	232432-51615	232432-51616	232432-51617	232432-51618	232432-51619	232432-51620
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232432 MATRIX: AIR

UNITS : ppmv

SAMPLING DATE: 11/21/2023

RECEIVING DATE: 11/21/2023 ANALYSIS DATE: 11/22/2023

REPORT DATE: 11/27/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-03	MS-04	MS-05	Reaction	MS-02
AAC ID	232432-51621	232432-51622	232432-51623	232432-51624	232432-51625
Analyte	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 11/22/2023

Analyst: CM/KM Units: ppmV Instrument ID: SCD-BTU Calb. Date: : 6/13/23

Opening Calibration Verification Standard

0.500 ppbV H2S (SS1289

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	908	0.522	104.5	2.2
Duplicate	897	0.516	103.3	1.0
Triplicate	860	0.495	99.0	3.2

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
				70 10 10
Initial	911	0.554	101.1	0.7
Duplicate	937	0.570	104.0	2.2
Triplicate	904	0.549	100.3	1.5

0.479 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	886	0.488	101.9	2.1
Duplicate	863	0.476	99,3	0.5
Triplicate	853	0.470	98.1	1.7

Method Blank

Analyte	Result
H ₂ S	<pql< td=""></pql<>
MeSH	<pql< td=""></pql<>
DMS	<pql< td=""></pql<>

Duplicate Analysi	is		Sample ID	231187-45761	
Analyte	nalyte Sample Result		Mean	% RPD ***	
H ₂ S	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0	
MeSH	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0	
DMS	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0	

Matrix Spike & Duplicate 231187-45761 x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H ₂ S	<pql< td=""><td>0.250</td><td>0.261</td><td>0.265</td><td>104.5</td><td>106.1</td><td>1.5</td></pql<>	0.250	0.261	0.265	104.5	106.1	1.5
MeSH	<pql< td=""><td>0.274</td><td>0.291</td><td>0.297</td><td>106.3</td><td>108.5</td><td>2.0</td></pql<>	0.274	0.291	0.297	106.3	108.5	2.0
DMS	<pql< td=""><td>0.240</td><td>0.251</td><td>0.261</td><td>104.8</td><td>109.0</td><td>3.9</td></pql<>	0.240	0.251	0.261	104.8	109.0	3.9

Closing Calibration Verification Standard

Analyte	Analyte Std. Conc. Result		% Rec **
H ₂ S	0.500	0.481	96.3
MeSH	0.548	0.534	97.5
DMS	0.479	0.483	100.8

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.

PQL = 50.0 ppbV

MDL = 1.1 ppbV



Quality Control/Quality Assurance Report **SCAQMD 307.91**

Date Analyzed: 11/22/2023

Analyst: KM Units: ppbV Instrument ID: SCD#10 Calb. Date: : 07/11/2022

Opening Calibration Verification Standard 499.8 ppbV H2S (SS1289)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1902	516	103.2	1.1
Duplicate	1883	511	102.2	0.1
Triplicate	1859	504	100.9	1.2

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2355	546	99.7	1.9
Duplicate	2254	523	95.5	2.5
Triplicate	2323	539	98.4	0.5

479.0 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2517	476	99.3	1.4
Duplicate	2503	473	98.8	2.0
Triplicate	2641	499	104.2	3.4

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< th=""></pql<>

Duplicate Analysis			Sample ID	231187-45761
Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
DMS	∠DOI	<doi< td=""><td>0.0</td><td>0.0</td></doi<>	0.0	0.0

Matrix Spike & I	Duplicate		Sample ID	231438-46986	x2		
Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
Analyte	Conc.	Added	Result	Result	% Rec **	% Rec **	76 KFD
H ₂ S	<pql< td=""><td>249.9</td><td>264.1</td><td>254.3</td><td>105.7</td><td>101.8</td><td>3.8</td></pql<>	249.9	264.1	254.3	105.7	101.8	3.8
MeSH	<pql< td=""><td>273.8</td><td>264.0</td><td>268.4</td><td>96.4</td><td>98.0</td><td>1.7</td></pql<>	273.8	264.0	268.4	96.4	98.0	1.7
DMS	<pql< td=""><td>239.5</td><td>254.2</td><td>250.2</td><td>106.1</td><td>104.5</td><td>1.6</td></pql<>	239.5	254.2	250.2	106.1	104.5	1.6

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	499.8	523.8	104.8
MeSH	547.5	560.0	102.3
DMS	479.0	502.4	104.9

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD fro. ssAS

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbVDMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV

232 432

CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

			2	Jacob To a c	10000		The Care and	6.6	•	
Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave S	g · Phone: 805	-650-1642 · E	mail: info@a	aaclab.com ·	1534 Eastm		iite A, Ventura, CA 93003	ura, CA 93)03	AAC Project No.:
Client/Company Name	Project Name						ysis Requested	ted		Send Report To (Name/Email/Address)
	CHIQUITA	NO]	/(OFF)]							pschafer@scsengineers.com
PAUL SCHAFER	01204123.21	ber 21 TASK 22				Т				rhuff@scsengineers.com
Turnaround Time	Sampler Name	ē			JR	LIS				Send Invoice To (Name/Email/Address)
	Print: WALVA				LFU	JLL				
Rush 72 h □ Normal	Signature:	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			ı sı	5 FU				PO Number
					7.91)-15		•		
Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Oty	307	ТО				
NS-06	51609	112		todlar-	2	>				E Redex
MS-07	51610		1113	7	7	×				
MS-08	51611		1146	1	ζ,	7				
35-09	51612		RSII		// //	×				
MS-10	51613		4580	1	6	Κ)				
6-1A-S-H MS-12	21614		1139		X	7				· 美丽和斯尔克特 。 · · · · · · · · · · · · · · · · · ·
SW CHANGE	51615		10公中 1		ts	X				Thinab Live
SCN	51616		0847		<u>ا</u>	6,				
Jona Wales	51617		0.66 17	1	メ	<u>&</u>				Tourism .
Chiquita Cup (A	51618	<	1124	*	X	X				
client notes/special instructions:							EDD?			
						*	ON			Country of the Countr
Print: EVALIAM		Date	Received By Print:				Date			
Signature: A		Time 1324	Signature:				Time			· · · · · · · · · · · · · · · · · · ·
Print:		Date	Received By		1) - Caled			
Signature:		Time	Signature:		1		Time (674	رئہ		

AAC COC Rev 3

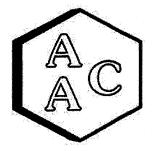
Issued 02/04/2021

232432

		TACTUE	- CHAIN OF	Citatil of customy is a regal poculation. Co	EGAL DOCK	=	Industrial Industrial	CICAGIII IIC		<
Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave S	g · Phone: 805-	650-1642 · E	mail: info@	aaclab.com · :	1534 Eastn		iite A, Ventura, CA 93003	ura, CA 93	003	AAC Project No.:
Client/Company Name	Project Name						ysis Requested	ted		Send Report To (Name/Email/Address)
Project Manager Name	CHIQUITA		ON / OFF]							pschafer@scsengineers.com
PAUL SCHAFER	01204123.21	1 TASK 22	2			Т				rhuff@scsengineers.com
Turnaround Time	Sampler Name				JR	LIS				Send Invoice To (Name/Email/Address)
	Print: TVA WWW	MAN			LFU	JLL	· ·	-tulkin attack		
⊠ Rush 72 h □ Normal	Signature: /	そろろ			l SU	5 FU			***************************************	PO Number
	- (7.9])-1.				
Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307	ТО				
NS-01	51619	11 2	1007	to die	K	¥				TROOP.
MS-02*	51620		w37		Y	¥				
MS 03	5162		03		8	Ņ				
W3-04	57622		0957		8	X				
MS-05	57623		1824		4	8.		-		
Exaction.	21624		200		オ	8				
& MONEYOR MU-02	51625	<	SSO		Ó	<				Initials_1
										Trui Land
										The second secon
cial Instru				5			EDD?		(ATT 18)	。 第二章
West are 7 m	7 MS625 d	でなって	differentated by a	y a steriles		(*)	□Yes	Ā		
							□NO O			
Relinquished By Print: そかしんへが		⊟ Z Z	Received By				Date			
Signature: P. V.		Time (8) 9	Signature:				Time			· · · · · · · · · · · · · · · · · · ·
Print:		Date	Received By	` \ \			Date /			
Signature:		Time	Signature:	1/10			Time (6	ン		

AAC COC Rev 3

Issued 02/04/2021



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita ON/OFF

PROJECT NO.

: 01204123.21 TASK 22

AAC PROJECT NO.

: 232466

REPORT DATE

: 11/30/2023

On November 28, 2023, Atmospheric Analysis & Consulting, Inc. received sixteen (16) 6.0-Liter Silonite canisters for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Return Pressure (mmHga)	Client ID	Lab ID	Return Pressure (mmHga)
MS-06	232466-51802	708.0	SCV	232466-51810	712.0
MS-07	232466-51803	704.5	MS-01	232466-51811	712.0
MS-08	232466-51804	703.0	MS-02	232466-51812	717.0
MS-09	232466-51805	707.5	MS-03	232466-51813	712.5
MS-10	232466-51806	713.5	MS-04	232466-51814	. 703.0
MS-12	232466-51807	705.0	MS-05	232466-51815	724.5
Chiquito Cyn Rd	232466-51808	720.0	Reaction	232466-51816	705.0
S End Lincoln	232466-51809	711.0	Working Face	232466-51817	714.5

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

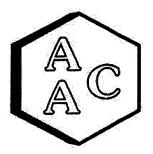
I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Phil Tedhnical Director

This report consists of 23 pages.



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232466 MATRIX: AIR

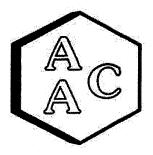
UNITS: PPB (v/v)

DATE RECEIVED: 11/28/2023

DATE REPORTED: 11/30/2023

ANALYST: DL/CH

Client ID	T	MS-06		[,]		MS-07	*****	G1-	
AAC ID		232466-518	302	Sample		232466-518	303	Sample	Method
Date Sampled	† · · · · · · · · · · · · · · · · · · ·	11/28/202	3	Reporting		11/28/202	3	Reporting	Reporting
Date Analyzed		11/29/202	3	Limit		11/29/202	3	Limit	Limit
Can Dilution Factor		1.47		(SRL)		1.46		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF		,
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Propene	<srl< td=""><td>U</td><td>11</td><td>1.47</td><td><srl< td=""><td>U</td><td>11</td><td>1.46</td><td>1.00</td></srl<></td></srl<>	U	11	1.47	<srl< td=""><td>U</td><td>11</td><td>1.46</td><td>1.00</td></srl<>	U	11	1.46	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>11</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>11</td><td>0.73</td><td>0.50</td></srl<>	U	11	0.73	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>11</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>11</td><td>0.73</td><td>0.50</td></srl<>	U	11	0.73	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>11</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.73	<srl< td=""><td>U</td><td>11</td><td>0.73</td><td>0.50</td></srl<>	U	11	0.73	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>11</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>11</td><td>0.73</td><td>0.50</td></srl<>	U	11	0.73	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>7.33</td><td><srl< td=""><td>U</td><td>1</td><td>7.28</td><td>5.00</td></srl<></td></srl<>	U	1	7.33	<srl< td=""><td>U</td><td>1</td><td>7.28</td><td>5.00</td></srl<>	U	1	7.28	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Ethanol	<srl< td=""><td>U</td><td>1</td><td>2.93</td><td><srl< td=""><td>U</td><td>1</td><td>2.91</td><td>2.00</td></srl<></td></srl<>	U	1	2.93	<srl< td=""><td>U</td><td>1</td><td>2.91</td><td>2.00</td></srl<>	U	1	2.91	2.00
Vinyl Bromide	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>.0.50</td></srl<></td></srl<>	Ū	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>.0.50</td></srl<>	U	1	0.73	.0.50
Acetone	<srl< td=""><td>U</td><td>1</td><td>2.93</td><td><srl< td=""><td>U</td><td>1</td><td>2.91</td><td>2.00</td></srl<></td></srl<>	U	1	2.93	<srl< td=""><td>U</td><td>1</td><td>2.91</td><td>2.00</td></srl<>	U	1	2.91	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>2.93</td><td><srl< td=""><td>U</td><td>1</td><td>2.91</td><td>2.00</td></srl<></td></srl<>	U	1	2.93	<srl< td=""><td>U</td><td>1</td><td>2.91</td><td>2.00</td></srl<>	U	1	2.91	2.00
Acrylonitrile	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ü	1	0.73	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.47</td><td><srl< td=""><td>U</td><td>1</td><td>1.46</td><td>1.00</td></srl<></td></srl<>	U	1	1.47	<srl< td=""><td>U</td><td>1</td><td>1.46</td><td>1.00</td></srl<>	U	1	1.46	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.47</td><td><srl< td=""><td>U</td><td>1</td><td>1.46</td><td>1.00</td></srl<></td></srl<>	U	1	1.47	<srl< td=""><td>U</td><td>1</td><td>1.46</td><td>1.00</td></srl<>	U	1	1.46	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.93</td><td><srl< td=""><td>U</td><td>1</td><td>2.91</td><td>2.00</td></srl<></td></srl<>	U	1	2.93	<srl< td=""><td>U</td><td>1</td><td>2.91</td><td>2.00</td></srl<>	U	1	2.91	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Vinyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>1.47</td><td><srl< td=""><td>U</td><td>1</td><td>1.46</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.47	<srl< td=""><td>U</td><td>1</td><td>1.46</td><td>1.00</td></srl<>	U	1	1.46	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.47</td><td><srl< td=""><td>Ū</td><td>i</td><td>1.46</td><td>1.00</td></srl<></td></srl<>	U	1	1.47	<srl< td=""><td>Ū</td><td>i</td><td>1.46</td><td>1.00</td></srl<>	Ū	i	1.46	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>i</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.73	<srl< td=""><td>U</td><td>i</td><td>0.73</td><td>0.50</td></srl<>	U	i	0.73	0.50
Hexane	<srl< td=""><td>Ü</td><td>i</td><td>0.73</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.73	<srl< td=""><td>Ŭ</td><td>i</td><td>0.73</td><td>0.50</td></srl<>	Ŭ	i	0.73	0.50
Chloroform	<srl< td=""><td>Ŭ</td><td>5</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ŭ	5	0.73	<srl< td=""><td>Ü</td><td>i</td><td>0.73</td><td>0.50</td></srl<>	Ü	i	0.73	0.50
Ethyl Acetate	<srl< td=""><td>Ŭ</td><td>i</td><td>0.73</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.73	<srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ŭ	1	0.73	0.50
Tetrahydrofuran	<srl< td=""><td>· U</td><td>i</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	· U	i	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ü	1	0.73	0.50
1,2-Dichloroethane	<srl< td=""><td>Ü</td><td>i</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ü	1	0.73	0.50
1,1,1-Trichloroethane	<srl< td=""><td>- U</td><td>l i</td><td>0.73</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	- U	l i	0.73	<srl< td=""><td>Ŭ</td><td>i</td><td>0.73</td><td>0.50</td></srl<>	Ŭ	i	0.73	0.50
Benzene	<srl< td=""><td>ij</td><td>i i</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	ij	i i	0.73	<srl< td=""><td>Ü</td><td>i</td><td>0.73</td><td>0.50</td></srl<>	Ü	i	0.73	0.50
DOULOIG	7 /01/1	<u> </u>	· · · · · · · · · · · · · · · · · · ·	0.15	-01(L)		L	0.75	0,50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232466 MATRIX: AIR

UNITS: PPB (v/v)

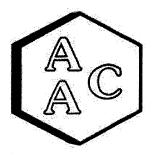
DATE RECEIVED: 11/28/2023

DATE REPORTED: 11/30/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

AAC ID Date Sampled Date Analyzed Can Dilution Factor Compound Rest Carbon Tetrachloride <sr< td=""> Cyclohexane <sr< td=""> 1,2-Dichloropropane <sr< td=""> Bromodichloromethane <sr< td=""> 1,4-Dioxane <sr< td=""> Trichloroethene (TCE) <sr< td=""> 2,2,4-Trimethylpentane <sr< td=""></sr<></sr<></sr<></sr<></sr<></sr<></sr<>	11/ 11/ It Qua L L L	166-518 128/202: 129/202: 1.47 alifier U U	3	Reporting Limit (SRL) (MRLxDF's)	Result	232466-518 11/28/202 11/29/202 1.46 Qualifier	3	Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
Date Analyzed Can Dilution Factor Compound Rest Carbon Tetrachloride <sr< td=""> Cyclohexane <sr< td=""> 1,2-Dichloropropane <sr< td=""> Bromodichloromethane <sr< td=""> 1,4-Dioxane <sr< td=""> Trichloroethene (TCE) <sr< td=""></sr<></sr<></sr<></sr<></sr<></sr<>	11/ lt Qua L L L	/29/202: 1.47 alifier U U	3	Limit (SRL) (MRLxDF's)		11/29/202 1.46	3	Limit (SRL)	Limit
Can Dilution Factor Compound Result Carbon Tetrachloride <sr< td=""> Cyclohexane <sr< td=""> 1,2-Dichloropropane <sr< td=""> Bromodichloromethane <sr< td=""> 1,4-Dioxane <sr< td=""> Trichloroethene (TCE) <sr< td=""></sr<></sr<></sr<></sr<></sr<></sr<>	lt Qua	1.47 alifier U		(SRL) (MRLxDF's)		1.46		(SRL)	
Compound Resi Carbon Tetrachloride <sr< td=""> Cyclohexane <sr< td=""> 1,2-Dichloropropane <sr< td=""> Bromodichloromethane <sr< td=""> 1,4-Dioxane <sr< td=""> Trichloroethene (TCE) <sr< td=""></sr<></sr<></sr<></sr<></sr<></sr<>	L L L	ulifier U	Analysis DF	(MRLxDF's)			Analysis DF		(MRL)
Carbon Tetrachloride SR Cyclohexane <sr< td=""> 1,2-Dichloropropane SR Bromodichloromethane <sr< td=""> 1,4-Dioxane <sr< td=""> Trichloroethene (TCE) <sr< td=""></sr<></sr<></sr<></sr<>	L L L	Ŭ U	Analysis DF			Qualifier	Analysis DF	(WIKEXDI 3)	
Cyclohexane <sr< td=""> 1,2-Dichloropropane <sr< td=""> Bromodichloromethane <sr< td=""> 1,4-Dioxane <sr< td=""> Trichloroethene (TCE) <sr< td=""></sr<></sr<></sr<></sr<></sr<>	L L	U	1	0.73					
1,2-Dichloropropane SR Bromodichloromethane SR 1,4-Dioxane SR Trichloroethene (TCE) SR	L L		1 1		<srl< td=""><td>U</td><td>11</td><td>0.73</td><td>0.50</td></srl<>	U	11	0.73	0.50
Bromodichloromethane	L	IJ		0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1,4-Dioxane <sr Trichloroethene (TCE) <sr< td=""><td></td><td></td><td>11</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<></sr 			11	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Trichloroethene (TCE) <sr< td=""><td>t. I</td><td>U</td><td>11</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>	t. I	U	11	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
		U	11	1.47	<srl< td=""><td>U</td><td>11</td><td>1.46</td><td>1.00</td></srl<>	U	11	1.46	1.00
2.2.4-Trimethylpentane <sr< td=""><td></td><td>U</td><td>11</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>		U	11	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
		U	1	0.73	<srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ŭ	1	0.73	0.50
Heptane <sr< td=""><td></td><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>		U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
cis-1,3-Dichloropropene <sr< td=""><td></td><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>		U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK) <sr< td=""><td>L</td><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>	L	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
trans-1,3-Dichloropropene <sr< td=""><td>L T</td><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>	L T	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1,1,2-Trichloroethane <sr< td=""><td>L</td><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>	L	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Toluene <sr< td=""><td>L</td><td>Ū</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1 -</td><td>0.73</td><td>0.50</td></srl<></td></sr<>	L	Ū	1	0.73	<srl< td=""><td>U</td><td>1 -</td><td>0.73</td><td>0.50</td></srl<>	U	1 -	0.73	0.50
2-Hexanone (MBK) <sr< td=""><td>L</td><td>U</td><td>1</td><td>1.47</td><td><srl< td=""><td>U</td><td>1</td><td>1.46</td><td>1.00</td></srl<></td></sr<>	L	U	1	1.47	<srl< td=""><td>U</td><td>1</td><td>1.46</td><td>1.00</td></srl<>	U	1	1.46	1.00
Dibromochloromethane <sr< td=""><td>L</td><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>	L	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1,2-Dibromoethane <sr< td=""><td>L.</td><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>	L.	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Tetrachloroethene (PCE) <sr< td=""><td></td><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>		U	1	0.73	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ū	1	0.73	0.50
Chlorobenzene <sr< td=""><td></td><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>		U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Ethylbenzene <sr< td=""><td></td><td>Ū</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>		Ū	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
m & p-Xvlene SR		U	1	1.47	<srl< td=""><td>Ū</td><td>1</td><td>1.46</td><td>1.00</td></srl<>	Ū	1	1.46	1.00
Bromoform <sr< td=""><td></td><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>		U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Styrene <sr< td=""><td></td><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>		U	1	0.73	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ū	1	0.73	0.50
1,1,2,2-Tetrachloroethane <sr< td=""><td>Ĺ</td><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>	Ĺ	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
o-Xylene <sr< td=""><td>Ĺ</td><td>Ū</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>	Ĺ	Ū	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
4-Ethyltoluene <sr< td=""><td>L .</td><td>Ū</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>	L .	Ū	1	0.73	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ū	1	0.73	0.50
1.3.5-Trimethylbenzene <sr< td=""><td></td><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>		U	1	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ü	1	0.73	0.50
1.2.4-Trimethylbenzene <sr< td=""><td></td><td>Ū</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>		Ū	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene) <sr< td=""><td></td><td>Ū</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>		Ū	1	0.73	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ū	1	0.73	0.50
1,3-Dichlorobenzene <sr< td=""><td></td><td>Ū</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>		Ū	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1.4-Dichlorobenzene <sr< td=""><td></td><td>Ŭ</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>		Ŭ	1	0.73	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ū	1	0.73	0.50
1,2-Dichlorobenzene <sr< td=""><td></td><td>Ŭ</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>		Ŭ	1	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ü	1	0.73	0.50
1.2.4-Trichlorobenzene <sr< td=""><td></td><td>ŭ</td><td>i</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>		ŭ	i	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ü	1	0.73	0.50
Hexachlorobutadiene <sr< td=""><td></td><td>Ŭ</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></sr<>		Ŭ	1	0.73	<srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ŭ	1	0.73	0.50
BFB-Surrogate Std. % Recovery		7%	······································			103%			70-130%



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232466 MATRIX: AIR

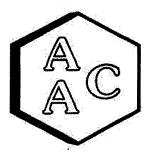
UNITS: PPB (v/v)

DATE RECEIVED: 11/28/2023

DATE REPORTED: 11/30/2023

ANALYST: DL/CH

Client ID		MS-08		Sample		MS-09		Sample	
AAC ID		232466-518				232466-518			Method
Date Sampled		11/28/202		Reporting		11/28/202		Reporting	Reporting
Date Analyzed		11/29/202	3	Limit [11/29/202	3	Limit	Limit
Can Dilution Factor		1.47		[(SRL)		1,45		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Propene	<srl< td=""><td>U</td><td>11</td><td>1.47</td><td><srl< td=""><td>U</td><td>11</td><td>1,45</td><td>1.00</td></srl<></td></srl<>	U	11	1.47	<srl< td=""><td>U</td><td>11</td><td>1,45</td><td>1.00</td></srl<>	U	11	1,45	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Chloromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>11</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.73	<srl< td=""><td>U</td><td>11</td><td>0.73</td><td>0.50</td></srl<>	U	11	0.73	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Methanol	<srl< td=""><td>Ū</td><td>1</td><td>7.34</td><td><srl< td=""><td>U</td><td>1</td><td>7.25</td><td>5.00</td></srl<></td></srl<>	Ū	1	7.34	<srl< td=""><td>U</td><td>1</td><td>7.25</td><td>5.00</td></srl<>	U	1	7.25	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>i</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>i</td><td>0.73</td><td>0.50</td></srl<>	U	i	0.73	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Ethanol	<srl< td=""><td>U</td><td>1</td><td>2.93</td><td><srl< td=""><td>U</td><td>1</td><td>2.90</td><td>2.00</td></srl<></td></srl<>	U	1	2.93	<srl< td=""><td>U</td><td>1</td><td>2.90</td><td>2.00</td></srl<>	U	1	2.90	2.00
Vinyl Bromide	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Acetone	<srl< td=""><td>Ü</td><td>i</td><td>2.93</td><td>3.00</td><td></td><td>1</td><td>2.90</td><td>2.00</td></srl<>	Ü	i	2.93	3.00		1	2.90	2.00
Trichlorofluoromethane	<srl< td=""><td>Ü</td><td>li</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ü	li	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>i</td><td>2.93</td><td><srl< td=""><td>U</td><td>1</td><td>2.90</td><td>2.00</td></srl<></td></srl<>	U	i	2.93	<srl< td=""><td>U</td><td>1</td><td>2.90</td><td>2.00</td></srl<>	U	1	2.90	2.00
Acrylonitrile	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1.1-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ŭ</td><td>1</td><td>1.47</td><td><srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	1.47	<srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<>	U	1	1.45	1.00
Allyl Chloride	<srl< td=""><td>Ŭ</td><td>ii</td><td>1.47</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.45</td><td>1.00</td></srl<></td></srl<>	Ŭ	ii	1.47	<srl< td=""><td>Ü</td><td>1</td><td>1.45</td><td>1.00</td></srl<>	Ü	1	1.45	1.00
Carbon Disulfide	<srl< td=""><td>Ü</td><td>i</td><td>2.93</td><td><srl< td=""><td>U</td><td>1</td><td>2,90</td><td>2.00</td></srl<></td></srl<>	Ü	i	2.93	<srl< td=""><td>U</td><td>1</td><td>2,90</td><td>2.00</td></srl<>	U	1	2,90	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ū</td><td>i</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>i</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0,50</td></srl<></td></srl<>	Ü	i	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0,50</td></srl<>	Ü	1	0.73	0,50
1.1-Dichloroethane	<srl< td=""><td>Ü</td><td>i</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ü	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>ĬĬ</td><td>i</td><td>0.73</td><td><srl< td=""><td>Ū</td><td>i</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	ĬĬ	i	0.73	<srl< td=""><td>Ū</td><td>i</td><td>0.73</td><td>0.50</td></srl<>	Ū	i	0.73	0.50
Vinyl Acetate	<srl< td=""><td>Ŭ</td><td>1</td><td>1.47</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.45</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	1.47	<srl< td=""><td>Ü</td><td>1</td><td>1.45</td><td>1.00</td></srl<>	Ü	1	1.45	1.00
2-Butanone (MEK)	<srl< td=""><td>Ū</td><td>i</td><td>1.47</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.45</td><td>1.00</td></srl<></td></srl<>	Ū	i	1.47	<srl< td=""><td>Ŭ</td><td>1</td><td>1.45</td><td>1.00</td></srl<>	Ŭ	1	1.45	1.00
cis-1.2-Dichloroethene	SRL SRL	Ü	i i	0.73	<srl< td=""><td>Ü</td><td>i</td><td>0.73</td><td>0.50</td></srl<>	Ü	i	0.73	0.50
Hexane	SRL	Ü	 	0.73	<srl< td=""><td>Ü</td><td>î</td><td>0.73</td><td>0.50</td></srl<>	Ü	î	0.73	0.50
Chloroform	SRL SRL	- ŭ	 	0.73	<srl< td=""><td>Ü</td><td>- 1</td><td>0.73</td><td>0.50</td></srl<>	Ü	- 1	0.73	0.50
Ethyl Acetate	<srl< td=""><td>Ŭ</td><td> </td><td>0.73</td><td><srl< td=""><td>Ü</td><td>i i</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ŭ	 	0.73	<srl< td=""><td>Ü</td><td>i i</td><td>0.73</td><td>0.50</td></srl<>	Ü	i i	0.73	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>1 1</td><td>0.73</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ü	1 1	0.73	<srl< td=""><td>Ŭ</td><td>i</td><td>0.73</td><td>0.50</td></srl<>	Ŭ	i	0.73	0.50
1.2-Dichloroethane	SRL SRL	Ü	1	0.73	<srl< td=""><td>Ŭ</td><td>i</td><td>0.73</td><td>0.50</td></srl<>	Ŭ	i	0.73	0.50
1.1.1-Trichloroethane	SRL SRL	Ŭ	1	0.73	<srl< td=""><td>Ŭ</td><td>i</td><td>0.73</td><td>0.50</td></srl<>	Ŭ	i	0.73	0.50
Benzene	SRL SRL	Ü	1	0.73	<srl< td=""><td>Ŭ</td><td>i</td><td>0.73</td><td>0.50</td></srl<>	Ŭ	i	0.73	0.50
Delizene			L	0.73	-DICL		· · · · · · · · · · · · · · · · · · ·	0.75	



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232466 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 11/28/2023

DATE REPORTED: 11/30/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID		MS-08 232466-518	204	Sample		MS-09 232466-518	205	Sample	Method
Date Sampled		11/28/202		Reporting		11/28/202		Reporting	Reporting
Date Sumpled Date Analyzed	 	11/29/202		Limit		11/29/202		Limit	
Can Dilution Factor	ļ:	1.47	<u> </u>	(SRL)	***************************************	1.45		(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ū	1	0.73	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Bromodichloromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1,4-Dioxane	<srl< td=""><td>· U</td><td>1</td><td>1,47</td><td><srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1,00</td></srl<></td></srl<>	· U	1	1,47	<srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1,00</td></srl<>	U	1	1.45	1,00
Trichloroethene (TCE)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>Ŭ</td><td>1.</td><td>0.73</td><td><srl< td=""><td>U.</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ŭ	1.	0.73	<srl< td=""><td>U.</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U.	1	0.73	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ü	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0,50</td></srl<></td></srl<>	Ŭ	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0,50</td></srl<>	U	1	0.73	0,50
trans-1.3-Dichloropropene	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.47</td><td><srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<></td></srl<>	U	1	1.47	<srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<>	U	1	1.45	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ŭ	1	0.73	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ū	1	0.73	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
m & p-Xylene	<srl< td=""><td>Ū</td><td>1</td><td>1.47</td><td><srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.47	<srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<>	U	1	1.45	1.00
Bromoform	<srl< td=""><td>Ū.</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ū.	1	0.73	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ū	1	0.73	0.50
Styrene	<srl< td=""><td>· U</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	· U	1	0.73	<srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ŭ	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>· U</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	· U	1	0.73	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ū	1	0.73	0.50
o-Xvlene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ū	1	0.73	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ü	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ü	1	0.73	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.73	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ū	1	0.73	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0,73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ü	1	0,73	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ü	1	0.73	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>0,73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0,50</td></srl<></td></srl<>	Ü	1	0,73	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0,50</td></srl<>	Ü	1	0.73	0,50
BFB-Surrogate Std. % Recovery	~~~	102%				102%			70-130%



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232466 MATRIX : AIR

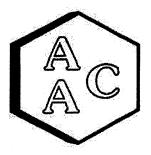
UNITS: PPB (v/v)

DATE RECEIVED: 11/28/2023

DATE REPORTED: 11/30/2023

ANALYST: DL/CH

	MS-10		Sample		MS-12		Sample	
								Method
								Reporting
7	11/29/202	3	J L			3		Limit
1	1.46				1.47			(MRL)
Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF	, ,	
<srl< td=""><td>U</td><td>11</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	11	0.73	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
		1				11		1.00
		1				11		0.50
		1				1		0.50
		1						0.50
		11				11		0.50
		1				11		5.00
		1				11		0.50
		1						0.50
		11				1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
<srl< td=""><td>Ū</td><td>1</td><td>2.92</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>2.00</td></srl<></td></srl<>	Ū	1	2.92	<srl< td=""><td>U</td><td>1</td><td></td><td>2.00</td></srl<>	U	1		2.00
<srl< td=""><td></td><td>1</td><td>0.73</td><td></td><td>U</td><td>1</td><td></td><td>0.50</td></srl<>		1	0.73		U	1		0.50
	U	1	2.92			1		2.00
<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50
<srl< td=""><td>U</td><td>1</td><td>2.92</td><td><srl< td=""><td></td><td>1</td><td></td><td>2.00</td></srl<></td></srl<>	U	1	2.92	<srl< td=""><td></td><td>1</td><td></td><td>2.00</td></srl<>		1		2.00
<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50
<srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
<srl< td=""><td>U</td><td>1</td><td>1.46</td><td><srl< td=""><td>U</td><td>1</td><td>1.47</td><td>1.00</td></srl<></td></srl<>	U	1	1.46	<srl< td=""><td>U</td><td>1</td><td>1.47</td><td>1.00</td></srl<>	U	1	1.47	1.00
<srl< td=""><td>U</td><td>1</td><td>1.46</td><td><srl< td=""><td>U</td><td>1</td><td>1.47</td><td>1.00</td></srl<></td></srl<>	U	1	1.46	<srl< td=""><td>U</td><td>1</td><td>1.47</td><td>1.00</td></srl<>	U	1	1.47	1.00
<srl< td=""><td>U</td><td>1</td><td>2.92</td><td></td><td></td><td>1</td><td></td><td>2.00</td></srl<>	U	1	2.92			1		2.00
<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>Ŭ</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	Ŭ	1	0.74	0.50
<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>Ū</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	Ū	1	0.74	0.50
<srl< td=""><td>Ù</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ù	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
<srl< td=""><td>U</td><td>1</td><td>1.46</td><td><srl< td=""><td>U</td><td>1</td><td>1.47</td><td>1,00</td></srl<></td></srl<>	U	1	1.46	<srl< td=""><td>U</td><td>1</td><td>1.47</td><td>1,00</td></srl<>	U	1	1.47	1,00
<srl< td=""><td>Ū</td><td>1</td><td>1.46</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.47</td><td>1,00</td></srl<></td></srl<>	Ū	1	1.46	<srl< td=""><td>Ü</td><td>1</td><td>1.47</td><td>1,00</td></srl<>	Ü	1	1.47	1,00
<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
<srl< td=""><td>Ü</td><td>1</td><td>0,73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	1	0,73	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	Ü	1	0.74	0.50
<srl< td=""><td>Ŭ</td><td>i</td><td>0.73</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.73	<srl< td=""><td>Ū</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	Ū	1	0.74	0.50
	Ŭ	i	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
	Ŭ	1	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	Ü	1	0.74	0.50
<srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	Ü	1	0.74	0.50
<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	Ü	1	0.74	0.50
SRL	Ŭ	ī	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	Ü	1	0.74	0.50
	SRL SRL	11/28/202 11/29/202 11/29/202 11/29/202 1.46 Result Qualifier SRL U	Result Qualifier Analysis DF	11/28/2023 11/29/2023 Limit (SRL)	Table Tabl	11/28/2023 11/29/2023 11/28/2023 11/29/2023 11/	11/28/2023 11/29/2023 11/	11/28/2023 Reporting 11/28/2023 Limit (SRL) 11/29/2023 Limit (SRL) 11/29/2023 Limit (SRL) 1.47 (SRL) 1.48 (SRL) 1.49 (SRL) 1.49 (SRL) 1.49 (SRL) 1.47 (SRL)



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232466 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 11/28/2023

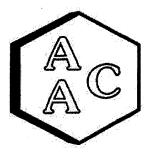
DATE REPORTED: 11/30/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-10		Sample		MS-12		Sample	
AAC ID		232466-518				232466-518		Reporting	Method
Date Sampled		11/28/202		Reporting		11/28/202			Reporting
Date Analyzed		11/29/202	3	Limit		11/29/202	3	Limit	Limit
Can Dilution Factor		1.46		(SRL)		1.47		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>0.73</td><td><srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	11	0.73	<srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<>	U	11	0.74	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
1,4-Dioxane	<srl< td=""><td>Ü</td><td>1</td><td>1.46</td><td><srl< td=""><td>U</td><td>1</td><td>1.47</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.46	<srl< td=""><td>U</td><td>1</td><td>1.47</td><td>1.00</td></srl<>	U	1	1.47	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<>	U	11	0.74	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.73	<srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<>	U	11	0.74	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<>	U	11	0.74	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<>	U	11	0.74	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<>	U	11	0.74	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.46</td><td><srl< td=""><td>U</td><td>11</td><td>1.47</td><td>1.00</td></srl<></td></srl<>	U	1	1.46	<srl< td=""><td>U</td><td>11</td><td>1.47</td><td>1.00</td></srl<>	U	11	1.47	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0,50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0,50</td></srl<>	U	11	0.74	0,50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.46</td><td><srl< td=""><td>U</td><td>11</td><td>1.47</td><td>1,00</td></srl<></td></srl<>	U	1	1.46	<srl< td=""><td>U</td><td>11</td><td>1.47</td><td>1,00</td></srl<>	U	11	1.47	1,00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ŭ ·</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ŭ ·	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<>	U	11	0.74	0.50
1.3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>i</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>i</td><td>0.74</td><td>0.50</td></srl<>	U	i	0.74	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0,50</td></srl<>	U	1	0.74	0,50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ū</td><td>1</td><td>0,74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>Ū</td><td>1</td><td>0,74</td><td>0.50</td></srl<>	Ū	1	0,74	0.50
BFB-Surrogate Std. % Recovery	~ ***	98%				100%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232466 MATRIX : AIR

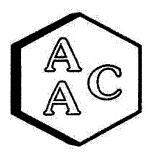
UNITS: PPB (v/v)

DATE RECEIVED: 11/28/2023

DATE REPORTED: 11/30/2023

ANALYST: DL/CH

Client ID		Chiquito Cy	n Rd	Sample		S End Line		Sample	
AAC ID		232466-518		Reporting		232466-518		Reporting	Method
Date Sampled		11/28/202				11/28/202		1 4 9	Reporting
Date Analyzed		11/29/202	3	Limit		11/29/202	3	Limit	Limit
Can Dilution Factor		1.43	·	(SRL)		1.45	·	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Propene	<srl< td=""><td>U</td><td>11</td><td>1.43</td><td><srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<></td></srl<>	U	11	1.43	<srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<>	U	1	1.45	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Chloromethane	0.83		1	0.72	<srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<>	U	11	0.72	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<>	U	11	0.72	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>7.17</td><td><srl< td=""><td>U</td><td>1</td><td>7.24</td><td>5.00</td></srl<></td></srl<>	U	1	7.17	<srl< td=""><td>U</td><td>1</td><td>7.24</td><td>5.00</td></srl<>	U	1	7.24	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<>	U	11	0.72	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<>	U	11	0.72	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Dichlorofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Ethanol	8.70		1	2.87	<srl< td=""><td>U</td><td>1</td><td>2.89</td><td>2.00</td></srl<>	U	1	2.89	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0,72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0,72</td><td>0.50</td></srl<>	U	1	0,72	0.50
Acetone	3.50		1	2.87	<srl< td=""><td>U</td><td>1</td><td>2.89</td><td>2.00</td></srl<>	U	1	2.89	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ū	1	0.72	0.50
2-Propanol (IPA)	<srl< td=""><td>Ü</td><td>1</td><td>2.87</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>2.89</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.87	<srl< td=""><td>Ŭ</td><td>1</td><td>2.89</td><td>2.00</td></srl<>	Ŭ	1	2.89	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ú</td><td>1</td><td>1.43</td><td><srl< td=""><td>U</td><td>1</td><td>1.45</td><td>·1.00</td></srl<></td></srl<>	Ú	1	1.43	<srl< td=""><td>U</td><td>1</td><td>1.45</td><td>·1.00</td></srl<>	U	1	1.45	·1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.43</td><td><srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<></td></srl<>	U	1	1.43	<srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<>	U	1	1.45	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.87</td><td><srl< td=""><td>U</td><td>1</td><td>2.89</td><td>2.00</td></srl<></td></srl<>	U	1	2.87	<srl< td=""><td>U</td><td>1</td><td>2.89</td><td>2.00</td></srl<>	U	1	2.89	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>Ŭ</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ŭ	1	0.72	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
1,1-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Vinyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>1.43</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.45</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.43	<srl< td=""><td>Ü</td><td>1</td><td>1.45</td><td>1.00</td></srl<>	Ü	1	1.45	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.43</td><td><srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<></td></srl<>	U	1	1.43	<srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<>	U	1	1.45	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>Ū</td><td>i</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Hexane	<srl< td=""><td>Ü</td><td>ī</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	ī	0.72	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
Chloroform	<srl< td=""><td>Ŭ</td><td>i</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.72	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
Ethyl Acetate	<srl< td=""><td>Ŭ</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.72	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>i</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.72	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>i</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.72	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>i i</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	i i	0.72	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
Benzene	0.85	<u>-</u>	1	0.72	<srl< td=""><td>Ü</td><td>i</td><td>0.72</td><td>0.50</td></srl<>	Ü	i	0.72	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232466 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 11/28/2023

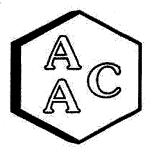
DATE REPORTED: 11/30/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID		Chiquito Cyr 232466-518		Sample		S End Linc 232466-518		Sample	Method
Date Sampled		11/28/202		Reporting		11/28/202		Reporting	Reporting
Date Analyzed		11/29/202		Limit		11/29/202		Limit	Limit
Can Dilution Factor		1.43		(SRL)		1.45		(SRL)	
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
1,2-Dichloropropane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.43</td><td><srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<></td></srl<>	U	1	1.43	<srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<>	U	1	1.45	1.00
Trichloroethene (TCE)	<srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0,50</td></srl<></td></srl<>	Ū	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0,50</td></srl<>	U	1	0.72	0,50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
trans-1.3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
1.1.2-Trichloroethane	<srl< td=""><td>. U</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	. U	1	0.72	<srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ū	1	0.72	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.43</td><td><srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<></td></srl<>	U	1	1.43	<srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<>	U	1	1.45	1.00
Dibromochloromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.72	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
1.2-Dibromoethane	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.72	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.72	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
Chlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.72	<srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ū	1	0.72	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>1</td><td>0,72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>Ü</td><td>1</td><td>0,72</td><td>0.50</td></srl<>	Ü	1	0,72	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.43</td><td><srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<></td></srl<>	U	1	1.43	<srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<>	U	1	1.45	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Styrene	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.72	<srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ū	1	0.72	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
o-Xvlene	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.72	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ŭ</td><td>i</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>ī</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.72	<srl< td=""><td>Ü</td><td>ī</td><td>0.72</td><td>0.50</td></srl<>	Ü	ī	0.72	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.72	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.72	<srl< td=""><td>Ŭ</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ŭ	1	0.72	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>i i</td><td>0.72</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ŭ	i i	0.72	<srl< td=""><td>Ŭ</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ŭ	1	0.72	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.72	<srl< td=""><td>Ü</td><td>i</td><td>0.72</td><td>0.50</td></srl<>	Ü	i	0.72	0.50
Hexachlorobutadiene	<srl< td=""><td>- U</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	- U	1	0.72	<srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ū	1	0.72	0.50
BFB-Surrogate Std. % Recovery	T 7.77	100%		**************************************	X	101%	· · · · · · · · · · · · · · · · · · ·		70-130%
II - Compound was not detected at or above	4 CDI								





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232466 MATRIX: AIR

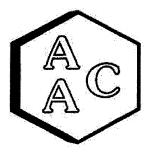
UNITS: PPB (v/v)

DATE RECEIVED: 11/28/2023

DATE REPORTED: 11/30/2023

ANALYST: DL/CH

Client ID		SCV				MS-01			
AAC ID		232466-518	310	Sample		232466-518	311	Sample	Method
Date Sampled		11/28/202		Reporting	11/28/2023			Reporting	Reporting
Date Analyzed		11/29/202	3	Limit		11/29/202	3	Limit	Limit
Can Dilution Factor		1.44		(SRL)	1.44			(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.44</td><td><srl< td=""><td>U</td><td>1</td><td>1.44</td><td>1.00</td></srl<></td></srl<>	U	1	1.44	<srl< td=""><td>U</td><td>1</td><td>1.44</td><td>1.00</td></srl<>	U	1	1.44	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Chloromethane	0,86		1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ū	1	0.72	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>7.21</td><td><srl< td=""><td>U</td><td>1</td><td>7.22</td><td>5,00</td></srl<></td></srl<>	U	1	7.21	<srl< td=""><td>U</td><td>1</td><td>7.22</td><td>5,00</td></srl<>	U	1	7.22	5,00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Chloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Dichlorofluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Ethanol	<srl< td=""><td>Ü</td><td>1</td><td>2.88</td><td><srl< td=""><td>U</td><td>1</td><td>2.89</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.88	<srl< td=""><td>U</td><td>1</td><td>2.89</td><td>2.00</td></srl<>	U	1	2.89	2.00
Vinvl Bromide	<srl< td=""><td>U</td><td>i</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	i	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Acetone	4.35		1	2.88	<srl< td=""><td>U</td><td>1</td><td>2.89</td><td>2.00</td></srl<>	U	1	2.89	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>ī</td><td>0.72</td><td><srl< td=""><td>U</td><td>-1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	ī	0.72	<srl< td=""><td>U</td><td>-1</td><td>0.72</td><td>0.50</td></srl<>	U	-1	0.72	0.50
2-Propanol (IPA)	<srl< td=""><td>Ū</td><td>1</td><td>2.88</td><td><srl< td=""><td>U</td><td>1</td><td>2.89</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.88	<srl< td=""><td>U</td><td>1</td><td>2.89</td><td>2.00</td></srl<>	U	1	2.89	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
1.1-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ü</td><td>i</td><td>1.44</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.44</td><td>1.00</td></srl<></td></srl<>	Ü	i	1.44	<srl< td=""><td>Ü</td><td>1</td><td>1.44</td><td>1.00</td></srl<>	Ü	1	1.44	1.00
Allyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>1.44</td><td><srl< td=""><td>U</td><td>1</td><td>1.44</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.44	<srl< td=""><td>U</td><td>1</td><td>1.44</td><td>1.00</td></srl<>	U	1	1.44	1.00
Carbon Disulfide	<srl< td=""><td>Ū</td><td>1</td><td>2.88</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.89</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.88	<srl< td=""><td>Ü</td><td>1</td><td>2.89</td><td>2.00</td></srl<>	Ü	1	2.89	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ū</td><td>i</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.72	<srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ū	1	0.72	0.50
1.1-Dichloroethane	<srl< td=""><td>Ü</td><td>i</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.72	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.72	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
Vinvl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>1.44</td><td><srl< td=""><td>U</td><td>1</td><td>1.44</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.44	<srl< td=""><td>U</td><td>1</td><td>1.44</td><td>1.00</td></srl<>	U	1	1.44	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.44</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.44</td><td>1.00</td></srl<></td></srl<>	U	1	1.44	<srl< td=""><td>Ü</td><td>1</td><td>1.44</td><td>1.00</td></srl<>	Ü	1	1.44	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.72	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
Hexane	<srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.72	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.72	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
Ethyl Acetate	<srl< td=""><td>Ŭ</td><td>i</td><td>0.72</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.72	<srl< td=""><td>Ŭ</td><td>i</td><td>0.72</td><td>0.50</td></srl<>	Ŭ	i	0.72	0.50
Tetrahydrofuran	<srl< td=""><td>Ū</td><td>i</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.72	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
1.2-Dichloroethane	<srl< td=""><td>II</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	II	1	0.72	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ŭ</td><td>î</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.72	<srl< td=""><td>Ŭ</td><td>î</td><td>0.72</td><td>0.50</td></srl<>	Ŭ	î	0.72	0.50
Benzene	SRL SRL	ŭ	i	0.72	<srl< td=""><td>ŭ</td><td>i</td><td>0.72</td><td>0.50</td></srl<>	ŭ	i	0.72	0.50
Doingoing	1 310			V./2	510			5,72	



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232466

MATRIX : AIR UNITS: PPB (v/v)

DATE RECEIVED: 11/28/2023

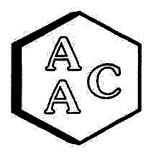
DATE REPORTED: 11/30/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		SCV		Sample		MS-01		Sample	
AAC ID		232466-518		Reporting	232400-31011			Reporting	Method
Date Sampled		11/28/202						Limit	Reporting
Date Analyzed		11/29/202	3	Limit	11/29/2023			1	Limit
Can Dilution Factor		1.44	, , , , ,,, ,, , , , , , , , , , , , ,	(SRL)		1.44		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	` ′
Carbon Tetrachloride	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	11	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<>	U	11	0.72	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<>	U	11	0.72	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.44</td><td><srl< td=""><td>U</td><td>1</td><td>1.44</td><td>1.00</td></srl<></td></srl<>	U	1	1.44	<srl< td=""><td>U</td><td>1</td><td>1.44</td><td>1.00</td></srl<>	U	1	1.44	1.00
Trichloroethene (TCE)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Heptane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0,50</td></srl<></td></srl<>	Ŭ	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0,50</td></srl<>	U	1	0.72	0,50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ū	1	0.72	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Toluene	<srl< td=""><td>· U</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	· U	1	0.72	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.44</td><td><srl< td=""><td>U</td><td>1</td><td>1.44</td><td>1.00</td></srl<></td></srl<>	U	1	1.44	<srl< td=""><td>U</td><td>1</td><td>1.44</td><td>1.00</td></srl<>	U	1	1.44	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.72	<srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ū	1	0.72	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ū	1	0.72	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
m & p-Xvlene	<srl< td=""><td>U</td><td>1</td><td>1.44</td><td><srl< td=""><td>U</td><td>1</td><td>1.44</td><td>1.00</td></srl<></td></srl<>	U	1	1.44	<srl< td=""><td>U</td><td>1</td><td>1.44</td><td>1.00</td></srl<>	U	1	1.44	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>i</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	i	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ū	1	0.72	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.72	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0,50</td></srl<>	Ü	1	0.72	0,50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0,72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	1	0,72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
1,4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.72	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>Ī</td><td>0.72</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ŭ	Ī	0.72	<srl< td=""><td>Ŭ</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ŭ	1	0.72	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ū</td><td>ì</td><td>0.72</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ū	ì	0.72	<srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ū	1	0.72	0.50
Hexachlorobutadiene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.72</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.72</td><td>0,50</td></srl<></td></srl<>	Ŭ	1	0.72	<srl< td=""><td>Ü</td><td>i</td><td>0.72</td><td>0,50</td></srl<>	Ü	i	0.72	0,50
BFB-Surrogate Std. % Recovery		101%		1	7115	101%		i i	70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

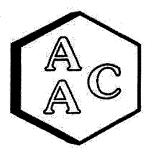
PROJECT NO: 232466

MATRIX : AIR UNITS: PPB (v/v) DATE RECEIVED: 11/28/2023

DATE REPORTED: 11/30/2023

ANALYST: DL/CH

Client ID		MS-02		Campia		MS-03		Sample	
AAC ID		232466-518	312	Sample		232466-518			Method
Date Sampled		11/28/202	3	Reporting	11/28/2023			Reporting	Reporting
Date Analyzed		11/29/202	3	Limit		11/29/202	3	Limit	Limit
Can Dilution Factor		1.42		(SRL)		1.45		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td><srl< td=""><td>U</td><td>11</td><td>1,45</td><td>1.00</td></srl<></td></srl<>	U	1	1.42	<srl< td=""><td>U</td><td>11</td><td>1,45</td><td>1.00</td></srl<>	U	11	1,45	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>11</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>11</td><td>0.73</td><td>0.50</td></srl<>	U	11	0.73	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>7.10</td><td><srl< td=""><td>U</td><td>1</td><td>7.26</td><td>5.00</td></srl<></td></srl<>	U	1	7.10	<srl< td=""><td>U</td><td>1</td><td>7.26</td><td>5.00</td></srl<>	U	1	7.26	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>, 0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0,50</td></srl<></td></srl<>	U	1	, 0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0,50</td></srl<>	U	1	0.73	0,50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Ethanol	<srl< td=""><td>Ū</td><td>1</td><td>2.84</td><td><srl< td=""><td>U</td><td>1</td><td>2,91</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.84	<srl< td=""><td>U</td><td>1</td><td>2,91</td><td>2.00</td></srl<>	U	1	2,91	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0,50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0,50</td></srl<>	Ū	1	0.73	0,50
Acetone	<srl< td=""><td>U</td><td>1</td><td>2.84</td><td><srl< td=""><td>U</td><td>1</td><td>2.91</td><td>2.00</td></srl<></td></srl<>	U	1	2.84	<srl< td=""><td>U</td><td>1</td><td>2.91</td><td>2.00</td></srl<>	U	1	2.91	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>2.84</td><td><srl< td=""><td>U</td><td>1</td><td>2.91</td><td>2.00</td></srl<></td></srl<>	U	1	2.84	<srl< td=""><td>U</td><td>1</td><td>2.91</td><td>2.00</td></srl<>	U	1	2.91	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td><srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<></td></srl<>	U	1	1.42	<srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<>	U	1	1.45	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td><srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<></td></srl<>	U	1	1.42	<srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<>	U	1	1.45	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.84</td><td><srl< td=""><td>U</td><td>1</td><td>2.91</td><td>2.00</td></srl<></td></srl<>	U	1	2.84	<srl< td=""><td>U</td><td>1</td><td>2.91</td><td>2.00</td></srl<>	U	1	2.91	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1,1-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td><srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<></td></srl<>	U	1	1.42	<srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<>	U	1	1.45	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td><srl< td=""><td>U</td><td>1</td><td>1,45</td><td>1.00</td></srl<></td></srl<>	U	1	1.42	<srl< td=""><td>U</td><td>1</td><td>1,45</td><td>1.00</td></srl<>	U	1	1,45	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.71	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ū	1	0.73	0.50
Ethyl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Tetrahydrofuran	<srl< td=""><td>Ŭ</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1.2-Dichloroethane	<srl< td=""><td>Ū</td><td>l i</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>1</td><td>0,73</td><td>0.50</td></srl<></td></srl<>	Ū	l i	0.71	<srl< td=""><td>Ü</td><td>1</td><td>0,73</td><td>0.50</td></srl<>	Ü	1	0,73	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.71	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ü	1	0.73	0.50
Benzene	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.71	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ū	1	0.73	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232466 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 11/28/2023

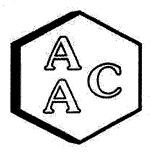
DATE REPORTED: 11/30/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-02		Sample		MS-03	4.0	Sample	
AAC ID		232466-518		Reporting		232466-518		Reporting	Method
Date Sampled		11/28/202		11/20/2023				Limit	Reporting
Date Analyzed		11/29/202	3	Limit	· · · · · · · · · · · · · · · · · · ·	11/29/202	3		Limit
Can Dilution Factor		1.42		(SRL)		1.45		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	`
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1:</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1:	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	11	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>11</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>Ü</td><td>11</td><td>0.73</td><td>0.50</td></srl<>	Ü	11	0.73	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>11</td><td>1.42</td><td><srl< td=""><td>U</td><td>11</td><td>1.45</td><td>1.00</td></srl<></td></srl<>	U	11	1.42	<srl< td=""><td>U</td><td>11</td><td>1.45</td><td>1.00</td></srl<>	U	11	1.45	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	11	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	11	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Heptane	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	11	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>11</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>11</td><td>0.73</td><td>0.50</td></srl<>	U	11	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1,1,2-Trichloroethane	· <srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>. 1</td><td>1.42</td><td><srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<></td></srl<>	U	. 1	1.42	<srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<>	U	1	1.45	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ŭ	1	0.73	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1 .</td><td>0.71</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1 .	0.71	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ū	1	0.73	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ū	1	0.73	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td><srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<></td></srl<>	U	1	1.42	<srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<>	U	1	1.45	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
o-Xviene	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ŭ	1	0.73	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	U	1	0.73	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>Î</td><td>0.71</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ŭ	Î	0.71	<srl< td=""><td>Ŭ</td><td>i</td><td>0.73</td><td>0.50</td></srl<>	Ŭ	i	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ŭ</td><td>i</td><td>0.71</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.71	<srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ŭ	1	0.73	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.71	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ü	1	0.73	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.71	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ü	1	0.73	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>5. 2 12 2</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ŭ	5. 2 1 2 2	0.71	<srl< td=""><td>Ü</td><td>i</td><td>0.73</td><td>0.50</td></srl<>	Ü	i	0.73	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.71	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0.50</td></srl<>	Ü	1	0.73	0.50
Hexachlorobutadiene	<srl< td=""><td>- Ŭ</td><td>i</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0,50</td></srl<></td></srl<>	- Ŭ	i	0.71	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td>0,50</td></srl<>	Ü	1	0.73	0,50
BFB-Surrogate Std. % Recovery	- 3111	103%		V. (1		100%		×	70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232466 MATRIX: AIR

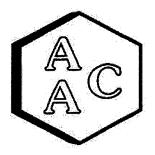
UNITS: PPB (v/v)

DATE RECEIVED: 11/28/2023

DATE REPORTED: 11/30/2023

ANALYST: DL/CH

Client ID		MS-04		T		MS-05			
AAC ID		232466-518	114	Sample		232466-518	15	Sample	Method
Date Sampled		11/28/202		Reporting	11/28/2023			Reporting	Reporting
Date Analyzed		11/29/202		Limit	11/29/2023			Limit	Limit
Can Dilution Factor	 	1.47	T.,	(SRL)		1.41		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.47</td><td><srl< td=""><td>U</td><td>1</td><td>1.41</td><td>1.00</td></srl<></td></srl<>	U	1	1.47	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>1.00</td></srl<>	U	1	1.41	1.00
Dichlorodifluoromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
Chloromethane	0.75		1	0.73	<srl< td=""><td>U</td><td>11</td><td>0.70</td><td>0.50</td></srl<>	U	11	0.70	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>7.35</td><td>ı <srl< td=""><td>U</td><td>1</td><td>7.04</td><td>5.00</td></srl<></td></srl<>	U	1	7.35	ı <srl< td=""><td>U</td><td>1</td><td>7.04</td><td>5.00</td></srl<>	U	1	7.04	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0,50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0,50</td></srl<>	U	1	0.70	0,50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
Dichlorofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
Ethanol	11.0		1	2.94	<srl< td=""><td>U</td><td>1</td><td>2.82</td><td>2.00</td></srl<>	U	1	2.82	2.00
Vinyl Bromide	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
Acetone	<srl< td=""><td>Ŭ</td><td>1</td><td>2.94</td><td><srl< td=""><td>U</td><td>1</td><td>2.82</td><td>2.00</td></srl<></td></srl<>	Ŭ	1	2.94	<srl< td=""><td>U</td><td>1</td><td>2.82</td><td>2.00</td></srl<>	U	1	2.82	2.00
Trichlorofluoromethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>2.94</td><td><srl< td=""><td>U</td><td>1</td><td>2.82</td><td>2.00</td></srl<></td></srl<>	U	1	2.94	<srl< td=""><td>U</td><td>1</td><td>2.82</td><td>2.00</td></srl<>	U	1	2.82	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
1,1-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.47</td><td><srl< td=""><td>U</td><td>1</td><td>1,41</td><td>1.00</td></srl<></td></srl<>	U	1	1.47	<srl< td=""><td>U</td><td>1</td><td>1,41</td><td>1.00</td></srl<>	U	1	1,41	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.47</td><td><srl< td=""><td>U</td><td>1</td><td>1.41</td><td>1.00</td></srl<></td></srl<>	U	1	1.47	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>1.00</td></srl<>	U	1	1.41	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.94</td><td><srl< td=""><td>U</td><td>1</td><td>2.82</td><td>2.00</td></srl<></td></srl<>	U	1	2.94	<srl< td=""><td>U</td><td>1</td><td>2.82</td><td>2.00</td></srl<>	U	1	2.82	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0,70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0,70</td><td>0.50</td></srl<>	U	1	0,70	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0,73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0,73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
Vinyl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>1.47</td><td><srl< td=""><td>U</td><td>1</td><td>1.41</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.47	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>1.00</td></srl<>	U	1	1.41	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.47</td><td><srl< td=""><td>U</td><td>1</td><td>1.41</td><td>1.00</td></srl<></td></srl<>	U	1	1.47	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>1.00</td></srl<>	U	1	1.41	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
Hexane	0.76		1	0.73	<srl< td=""><td>Ū</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	Ū	1	0.70	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
Ethyl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	Ü	1	0.70	0.50
Tetrahydrofuran	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
1,2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
1.1.1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
Benzene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	Ü	1	0.70	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232466

MATRIX : AIR UNITS: PPB (v/v) **DATE RECEIVED: 11/28/2023**

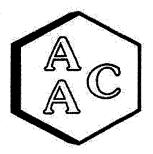
DATE REPORTED: 11/30/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-04			Sample		MS-05		Sample	
AAC ID	232466-51814					232466-518		Reporting	Method
Date Sampled		11/28/202		Reporting	11/20/2020				Reporting
Date Analyzed		11/29/202	3	Limit	12/2-/2-02-0				Limit
Can Dilution Factor		1.47		(SRL)		1,41		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>11</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>11</td><td>0.70</td><td>0.50</td></srl<>	U	11	0.70	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>11</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>Ü</td><td>11</td><td>0.70</td><td>0.50</td></srl<>	Ü	11	0.70	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.47</td><td><srl< td=""><td>U</td><td>11</td><td>1.41</td><td>1.00</td></srl<></td></srl<>	U	1	1.47	<srl< td=""><td>U</td><td>11</td><td>1.41</td><td>1.00</td></srl<>	U	11	1.41	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0,73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0,50</td></srl<></td></srl<>	U	1	0,73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0,50</td></srl<>	U	1	0.70	0,50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
Toluene	0.75		1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.47</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.41</td><td>1.00</td></srl<></td></srl<>	U	1	1.47	<srl< td=""><td>Ū</td><td>1</td><td>1.41</td><td>1.00</td></srl<>	Ū	1	1.41	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
Ethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0,50</td></srl<>	U	1	0.70	0,50
m & p-Xvlene	<srl< td=""><td>Ū</td><td>1</td><td>1.47</td><td><srl< td=""><td>U</td><td>1</td><td>1.41</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.47	<srl< td=""><td>U</td><td>1</td><td>1.41</td><td>1.00</td></srl<>	U	1	1.41	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>Ū</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	Ū	1	0.70	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>Ū</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	Ū	1	0.70	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ū</td><td>1</td><td>0,70</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.73	<srl< td=""><td>Ū</td><td>1</td><td>0,70</td><td>0.50</td></srl<>	Ū	1	0,70	0.50
o-Xylene	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
4-Ethyltoluene	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	Ü	1	0.70	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>i</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	Ü	1	0.70	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0,70</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0,70</td><td>0.50</td></srl<>	Ü	1	0,70	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.73	<srl< td=""><td>U</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	U	1	0.70	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ū</td><td>i</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	Ü	1	0.70	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ū</td><td>i</td><td>0.73</td><td><srl< td=""><td>U</td><td>i</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.73	<srl< td=""><td>U</td><td>i</td><td>0.70</td><td>0.50</td></srl<>	U	i	0.70	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>i</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.70</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.70</td><td>0.50</td></srl<>	Ü	1	0.70	0.50
BFB-Surrogate Std. % Recovery	1 3100	101%				101%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232466 MATRIX : AIR

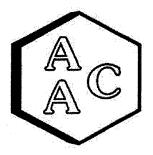
UNITS: PPB (v/v)

DATE RECEIVED: 11/28/2023

DATE REPORTED: 11/30/2023

ANALYST: DL/CH

Client ID	T	Reaction		Sample		Working Fa		Sample	
AAC ID		232466-518	16		232466-51817				Method
Date Sampled		11/28/202		Reporting	11/20/2020			Reporting	Reporting
Date Analyzed		11/29/202	3	Limit		11/29/202	3	Limit	Limit
Can Dilution Factor		1.46		(SRL)		1.49		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<>	U	11	0.74	0.50
Propene	11.4		11	1.46	<srl< td=""><td>U</td><td>11</td><td>1.49</td><td>1.00</td></srl<>	U	11	1.49	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>11</td><td>0.73</td><td><srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	11	0.73	<srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<>	U	11	0.74	0.50
Chloromethane	<srl< td=""><td>U</td><td>111</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	111	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>11</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	11	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>11</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	11	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Methanol	209		11	7,30	13.1		1	7.43	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Dichlorofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.73	<srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<>	U	11	0.74	0.50
Ethanol	90.4		1	2.92	9.94		1	2.97	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Acetone	50.9		1	2.92	3.39		1	2.97	2.00
Trichlorofluoromethane	<srl< td=""><td>IJ</td><td>1</td><td>0.73</td><td>1.11</td><td></td><td>1</td><td>0.74</td><td>0.50</td></srl<>	IJ	1	0.73	1.11		1	0.74	0.50
2-Propanol (IPA)	25.7		i	2.92	<srl< td=""><td>U</td><td>1</td><td>2.97</td><td>2.00</td></srl<>	U	1	2.97	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>i i</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0,50</td></srl<></td></srl<>	U	i i	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0,50</td></srl<>	Ü	1	0.74	0,50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	Ü	1	0.74	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ü</td><td>i</td><td>1.46</td><td><srl< td=""><td>U</td><td>1</td><td>1.49</td><td>1.00</td></srl<></td></srl<>	Ü	i	1.46	<srl< td=""><td>U</td><td>1</td><td>1.49</td><td>1.00</td></srl<>	U	1	1.49	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.46</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.49</td><td>1.00</td></srl<></td></srl<>	U	1	1.46	<srl< td=""><td>Ü</td><td>1</td><td>1.49</td><td>1.00</td></srl<>	Ü	1	1.49	1.00
Carbon Disulfide	<srl< td=""><td>Ü</td><td>1</td><td>2.92</td><td><srl< td=""><td>U</td><td>1</td><td>2.97</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.92	<srl< td=""><td>U</td><td>1</td><td>2.97</td><td>2.00</td></srl<>	U	1	2.97	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ü</td><td>1</td><td>0,73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	1	0,73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
1.1-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Vinyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>1.46</td><td><srl< td=""><td>U</td><td>1</td><td>1,49</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.46	<srl< td=""><td>U</td><td>1</td><td>1,49</td><td>1.00</td></srl<>	U	1	1,49	1.00
2-Butanone (MEK)	32.9		1	1.46	<srl< td=""><td>U</td><td>1</td><td>1.49</td><td>1.00</td></srl<>	U	1	1.49	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>U</td><td>î</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	î	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Hexane	<srl< td=""><td>Ü</td><td>i</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Chloroform	<srl< td=""><td>Ü</td><td>l i</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>ī</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	l i	0.73	<srl< td=""><td>Ü</td><td>ī</td><td>0.74</td><td>0.50</td></srl<>	Ü	ī	0.74	0.50
Ethyl Acetate	2.72		 	0.73	<srl< td=""><td>Ŭ</td><td>i</td><td>0.74</td><td>0.50</td></srl<>	Ŭ	i	0.74	0.50
Tetrahydrofuran	45.7		i	0.73	<srl< td=""><td>Ŭ</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	Ŭ	1	0.74	0.50
1.2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>Ŭ</td><td>i</td><td>0.74</td><td>0.50</td></srl<>	Ŭ	i	0.74	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.73	<srl< td=""><td>Ŭ</td><td>i</td><td>0.74</td><td>0.50</td></srl<>	Ŭ	i	0.74	0.50
Benzene	30.5		1	0.73	<srl< td=""><td>Ü</td><td>i</td><td>0.74</td><td>0.50</td></srl<>	Ü	i	0.74	0.50
Denzene	30.5	L	<u> </u>	0.75	<u> ~01/C</u>	<u> </u>	· · · · · · · · · · · · · · · · · · ·	U., 1	0.00



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232466 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 11/28/2023

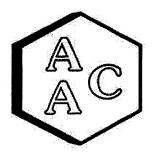
DATE REPORTED: 11/30/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		Reaction	l	Sample	Working Face			Sample	
AAC ID		232466-518	316			232466-518			Method
Date Sampled	11/28/2023			Reporting	11/28/2023			Reporting	Reporting
Date Analyzed		11/29/202	3	Limit	11/29/2023			Limit	Limit
Can Dilution Factor		1.46		(SRL)		1.49		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>Ŭ</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>0.73</td><td><srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	11	0.73	<srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<>	U	11	0.74	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<>	U	11	0.74	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.46</td><td><srl< td=""><td>U</td><td>11</td><td>1.49</td><td>1.00</td></srl<></td></srl<>	U	1	1.46	<srl< td=""><td>U</td><td>11</td><td>1.49</td><td>1.00</td></srl<>	U	11	1.49	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<>	U	11	0.74	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
4-Methyl-2-pentanone (MiBK)	1.77		1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Toluene	3.67		1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.46</td><td><srl< td=""><td>U</td><td>1</td><td>1.49</td><td>1.00</td></srl<></td></srl<>	U	1	1.46	<srl< td=""><td>U</td><td>1</td><td>1.49</td><td>1.00</td></srl<>	U	1	1.49	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
1.2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	Ü	1	0.74	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Ethylbenzene	2.02		1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
m & p-Xylene	2.50		i	1.46	<srl< td=""><td>U</td><td>1</td><td>1.49</td><td>1.00</td></srl<>	U	1	1.49	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	Ü	1	0.74	0.50
Styrene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.73</td><td><srl< td=""><td>U.</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.73	<srl< td=""><td>U.</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U.	1	0.74	0.50
o-Xylene	0.99		1	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
4-Ethyltoluene	<srl< td=""><td>IJ</td><td>l i</td><td>0.73</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	IJ	l i	0.73	<srl< td=""><td>Ū</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	Ū	1	0.74	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0,50</td></srl<></td></srl<>	Ü	i	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0,50</td></srl<>	Ü	1	0.74	0,50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.73</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.73	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ŭ</td><td>1 i</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>ī</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ŭ	1 i	0.73	<srl< td=""><td>Ü</td><td>ī</td><td>0.74</td><td>0.50</td></srl<>	Ü	ī	0.74	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td> i</td><td>0.73</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.74</td><td>0,50</td></srl<></td></srl<>	Ŭ	i	0.73	<srl< td=""><td>Ŭ</td><td>i</td><td>0.74</td><td>0,50</td></srl<>	Ŭ	i	0.74	0,50
1.4-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.73</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.73	<srl< td=""><td>Ŭ</td><td>i</td><td>0.74</td><td>0.50</td></srl<>	Ŭ	i	0.74	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>i i</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ŭ	i i	0.73	<srl< td=""><td>Ü</td><td>i</td><td>0.74</td><td>0.50</td></srl<>	Ü	i	0.74	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.73</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.73	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	Ü	1	0.74	0.50
Hexachlorobutadiene	<srl< td=""><td>Ti Ti</td><td> </td><td>0.73</td><td><srl< td=""><td>Ŭ</td><td>l i</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ti Ti	 	0.73	<srl< td=""><td>Ŭ</td><td>l i</td><td>0.74</td><td>0.50</td></srl<>	Ŭ	l i	0.74	0.50
BFB-Surrogate Std. % Recovery	1 300	103%	 	· · · · · · · · ·		103%	<u> </u>	·	70-130%
BFB-Surrogate Std. 76 Recovery		102/0				100/0	<u> </u>		





Analyte Compounds (Continued)

1,2-Dichloropropane

Bromodichloromethane

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/29/2023

MATRIX: High Purity N₂

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-04

CALIBRATION STD ID: MS1-051523-01

ANALYST: DL

Source 1

10.50

10.40

 $\overline{CCV^2}$

10.04 11.79 % Recovery

113

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 09/26/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery 3
4-BFB (surrogate standard)	9.40	9.84	105
Chlorodifluoromethane	10.40	11.71	113
Propene	10.60	10.60	100
Dichlorodifluoromethane	10.40	12.28	118
Dimethyl Ether	10.20	9.97	98
Chloromethane	10.40	10.46	101
Dichlorotetrafluoroethane	10.30	10.06	98
Vinyl Chloride	10.50	10.33	98
Acetaldehyde	21.10	20.91	99
Methanol	18.80	15.36	82
1,3-Butadiene	10.60	12.62	119
Bromomethane	10.40	9.36	90
Chloroethane	10.30	10.19	99
Dichlorofluoromethane	10.20	10.71	105
Ethanol	11.20	10.30	92
Vinyl Bromide	10.10	9.51	94
Acrolein	11.10	11.34	102
Acetone	10.60	10,06	95
Trichlorofluoromethane	10.50	11.80	112
2-Propanol (IPA)	11.00	11.71	106
Acrylonitrile	11.20	12.10	108
1,1-Dichloroethene	10.40	9.71	93
Methylene Chloride (DCM)	10.50	9.07	86
TertButanol (TBA)	11.10	13.29	120
Allyl Chloride	10.20	10.86	106
Carbon Disulfide	10.50	10.10	96
Trichlorotrifluoroethane	10.40	9.67	93
trans-1,2-Dichloroethene	10.60	10.64	100
1,1-Dichloroethane	10.50	11.19	107
Methyl Tert Butyl Ether (MTBE)	10.50	12.28	117
Vinyl Acetate	11.00	12.94	118
2-Butanone (MEK)	10.60	10.45	99
cis-1,2-Dichloroethene	10.50	10.38	99
Hexane	10.70	10.73	100
Chloroform	10.60	11.27	106
Ethyl Acetate	10.60	12.02	113
Tetrahydrofuran	10.20	10.26	101
1,2-Dichloroethane	10.50	12.98	124
1,1,1-Trichloroethane	10.40	12.41	119
Benzene	10.60	10.00	94
Carbon Tetrachloride	10.20	12.53	123
Cyclohexane	10.50	9.17	87

1,4-Dioxane	10.40	10.20	98
Trichloroethene (TCE)	10.40	10.05	97
2,2,4-Trimethylpentane	10.00	9.90	99
Methyl Methacrylate	11.00	10.98	100
Heptane	10.50	9.59	91
cis-1,3-Dichloropropene	10.40	10.89	105
4-Methyl-2-pentanone (MiBK)	10.40	10.71	103
trans-1,3-Dichloropropene	10.50	11.65	111
1,1,2-Trichloroethane	10.50	10.06	96
Toluene	10.60	9.99	94
2-Hexanone (MBK)	10.50	11.03	105
Dibromochloromethane	10.30	11.52	112
1,2-Dibromoethane	10.60	10.32	. 97
Tetrachloroethene (PCE)	10.40	10.42	100
Chlorobenzene	10.60	9.32	88
Ethylbenzene	10.50	9.96	95
m & p-Xylene	21.00	19.90	95
Bromoform	10.50	12.03	115
Styrene	10.50	10.23	97
1,1,2,2-Tetrachloroethane	10.50	9.20	88
o-Xylene	10.50	10.02	95
1,2,3-Trichloropropane	11.00	11.13	101
Isopropylbenzene (Cumene)	10.30	9,56	93
α-Pinene	10.70	10.48	98
2-Chlorotoluene	10.30	9.80	95
n-Propylbenzene	10.10	9.51	94
4-Ethyltoluene	10.30	9.63	93
1,3,5-Trimethylbenzene	10.30	9.99	. 97
β-Pinene LR	11.00	3.39	31
1,2,4-Trimethylbenzene	10.30	9.64	94
Benzyl Chloride (a-Chlorotoluene)	10.40	8.84	85
1,3-Dichlorobenzene	10.40	10.03	96
1,4-Dichlorobenzene	10.30	9.61	93
Sec-ButylBenzene	10.10	9.32	92
1,2-Dichlorobenzene	10.60	9.72	92
n-ButylBenzene	10,20	9.69	95
1,2-Dibromo-3-Chloropropane	10.10	9.74	96
1,2,4-Trichlorobenzene	11.00	10.66	97
Naphthalene	11.50	10.37	90

^{* -} β-Pinene results are estimated.

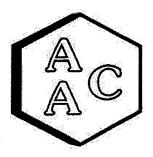
LR - Recovery for this compound was low. Results should be considered estimated.



Concentration of analyte compound in certified source standard.

² Measured result from daily Continuing Calibration Verification (CCV).

³ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/29/2023

INSTRUMENT ID: GC/MS-04

MATRIX: High Purity N2

CALIBRATION STD ID: MS1-051523-01

UNITS: PPB (v/v)

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

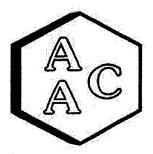
Laboratory Control Spike Analysis

	Sample	Spike	LCS ¹	LCSD ¹	LCS ¹	LCSD 1	RPD³
System Monitoring Compounds	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	KID
4-BFB (surrogate standard)	0.0	9.40	9.84	9.83	105	105	0.1
1,1-Dichloroethene	0.0	10.40	9.71	9.10	93	88	6.5
Methylene Chloride (DCM)	0.0	10.50	9.07	8.97	86	85	1.1
Benzene	0.0	10.60	10.00	9.98	94	94	0.2
Trichloroethene (TCE)	0.0	10.40	10.05	9.93	97	95	1.2
Toluene	0.0	10.60	9.99	9.92	94	94	0.7
Tetrachloroethene (PCE)	0.0	10.40	10.42	10.54	100	101	1.1
Chlorobenzene	0.0	10.60	9.32	9.60	88	91	3.0
Ethylbenzene	0.0	10.50	9.96	10.01	95	95	0.5
m & p-Xylene	0.0	21.00	19.90	19.87	95	95	0.2
o-Xylene	0.0	10.50	10.02	10.11	95	96	0.9

¹Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/29/2023

INSTRUMENT ID: GC/MS-04

MATRIX: High Purity He or N2

ANALYST: DL

UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 112923	Reporting Limit (RL)
4-BFB (surrogate standard)	100%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorofluoromethane	<rl< td=""><td>0,5</td></rl<>	0,5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5
Allyl Chloride	<rl< td=""><td>1.0</td></rl<>	1.0
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>1.0</td></rl<>	1.0
2-Butanone (MEK)	<rl< td=""><td>1.0</td></rl<>	1.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0.5</td></rl<>	0.5
Cyclohexane	<rl< td=""><td>0.5</td></rl<>	0.5

Analyte Compounds (Continued)	MB 112923	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>1.0</td></rl<>	1.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>1.0</td></rl<>	1.0
Dibromochloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0,5</td></rl<>	0,5
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0,5</td></rl<>	0,5
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 11/29/2023

MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID: GC/MS-04

ANALYST: DL

DILUTION FACTOR¹: x1.45

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 232466-51805

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	9.55	9.48	0.7
Chlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Propene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dimethyl Ether	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorotetrafluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Chloride	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Acetaldehyde	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methanol	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3-Butadiene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Bromomethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethanol J	2.73	2.67	2.2
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrolein	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetone	3.00	2.86	5.0
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Propanol (IPA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrylonitrile	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methylene Chloride (DCM)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
TertButanol (TBA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Allyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Disulfide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Butanone (MEK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Hexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethyl Acetate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrahydrofuran	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Tetrachloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Cyclohexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>. NA</td></srl<></td></srl<>	<srl< td=""><td>. NA</td></srl<>	. NA
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichloroethene (TCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Heptane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,1,2-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Toluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrachloroethene (PCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
m & p-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromoform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Styrene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2,2-Tetrachloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
o-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Isopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
α-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Ethyltoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3,5-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
β-Pinene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Sec-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Naphthalene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Hexachlorobutadiene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.

¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

J - Estimated value between the detection limit and the minimum reporting limit, shown for duplication purposes only.



² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).</p>
SRL - Sample Reporting Limit (minimum)

732 766

AAC COC Rev 3

CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Architecture 100 Inc.									_	
Authospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Sui	ng · Phone: 805	-650-1642 ·	Email: info@	aaclab.com ·	1534 Eastn	nan Ave Su	iite A, Ventura, CA 93003	, CA 93003	AAC Project No.:	
COS ENICTNIEEDS	Project Name	•				Analy	ysis Requested		Send Report To (Name/Email/Address)	Name/Email/Address)
SCS ENGINEERS	CHIQUITA		[ON/(OHH)]						nschafer@scse	pschafer@scsengineers.com
PAUL SCHAFER	01204123.21	oject Number 01204123.21 TASK 22	2			Γ			rhuff@scsengineers.com	ineers.com
Turnaround Time	Sampler Name	ē			R	.IS	· ·		Sadi	
	>	*	-		U	LI			Send Invoice 10 (Name/Email/Address)	(Name/Email/Address)
, _—	Print: Hrwando	ando h	Hurtado		LF	JLL		·····		
Rush 48 h	Signature: 4	とで			SU	FU			BO Nimbo	
** MOUTHOU		\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\			91	15		*******		
Client Sample Name		Sampling	Sampling	Container	7.9	Ο-				
chair Sampie Name	Sample ID	Date	Time	Type/Qty	30	Т				
MS-06	51802	11/28	1259	Somma	×	×				
MS-07	51803		1126	7	×	X				DUPS
M5-08	51804		1207	1	×	×				
M5-09	71805		1218		X	×				
MS-10	51806		1242		*	×				
1 1 -	5.807		1159		×	χ				
Chiquito Cyn Kd	51808		1142	/	×	X				
5 End Lincoln	51809		1151	\ _	×	X				
SCY	51810	+	1227	+	×	X				Town and
	-									
								i		
client Notes/Special Instructions:							EDD? □Yes			
							□N ₀			
Relinquished By		Date 11/28	Received By				Date			
ire: Onl M		Time / 533	Signature:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\		11/29/25			
Relinquished By '' ' Print:		Date					Date			
Signature:		Time	Signature:				Time			

232466

CHAIN OF CUSTODY AND ANALYSIS REQUEST — Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

		1000	e Cilgili Vi	רמשנטעץ וש פ בי	dy is a LEGAL DOCUMENT. CON	PINIEIAI. CO	Hibiere di Leievaire Heins	evalit helps.	<
Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suit	ng · Phone: 805	650-1642 ·	Email: info@	aaclab.com ·	1534 Eastn	nan Ave Su	ite A, Ventura, CA 93003	a, CA 93003	AAC Project No.:
Client/Company Name	Project Name)			Anal	Analysis Requested	a	Send Report To (Name/Email/Address)
Project Manager Name	Project Number		// OFF]						pschafer@scsengineers.com
PAUL SCHAFER	01204123	01204123.21 TASK 22	22			Т			rhuff@scsengineers.com
Turnaround Time	Sampler Name	ล	-		JR	LIS			Send Invoice To /Name/Email/Address
☐ Rush 24 h ☐ Same Day	Print: Armando	ndo t	urtado		LFU	LL I		March and Confidence on the	And the state of t
☐ Rush 48 h ☐ 5 Days	2	ころ	RH+	<u> </u>	SU	FU			
Rush 72 h □ Normal	Signature:	San I	Mt		91 S	15 I	······································	weithings and the	PO Number
Client Sample Name	Sample ID	Sampling	Sampling	Container	07.	ГО-	- 10-10-11-11-11-11-11-11-11-11-11-11-11-1		
		Date	Time	Type/Qty	3	Τ			
MS-01	51811	11/28	0953	Simms	又	×			STATE CHARLES
MS-02	51812		1051	+	X	X			SANCE
M5-03	J (813		1309		X	×			
40-SW	51814		1013		×	×			
M5.05	51815		0936	\ \	X	χ			
Reaction	51816		1030	1	X	×			
Working Face	51817	4	1105	4	X	X			hini) e
									Sample (Batter)
									Janua gra
Client Notes (See al-									
client Notes/ Special Instructions:							EDD? □Yes		
							□N _O		
Print: Armando Hurbodo Signaturo:		Date /1/28	Received By	2 Carrens			Date		
Relinquished By		Date	Received By				Date 1533		,
Signature:		Time	Signature:			<i>.</i>	Time		
			\		-				
	101	1/* 0	7550	Cans (1x Ninger	sect 1				

AAC COC Rev 3

Issued 02/04/2021



CLIENT

: SCS Engineers

PROJECT NAME

: CHIQUITA [ON / OFF]

PROJECT NUMBER : 01204123.21 TASK 22

AAC PROJECT NO.

: 232466

REPORT DATE

: 11/30/2023

On November 28th 2023, Atmospheric Analysis & Consulting, Inc. received sixteen (16) Six-Liter Silonite Canisters for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Client ID	Lab No.
MS-06	232466-51802	SCV	232466-51810
MS-07	232466-51803	MS-01	232466-51811
MS-08	232466-51804	MS-02	232466-51812
MS-09	232466-51805	MS-03	232466-51813
MS-10	232466-51806	MS-04	232466-51814
MS-12	232466-51807	MS-05	232466-51815
Chiquito Cyn Rd	232466-51808	Reaction	232466-51816
S End Lincoln	232466-51809	Working Face	232466-51817

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

This report consists of 8 pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232466 MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 11/28/2023

RECEIVING DATE: 11/28/2023 ANALYSIS DATE: 11/29/2023

REPORT DATE: 11/30/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09	MS-10	MS-12
AAC ID	232466-51802	232466-51803	232466-51804	232466-51805	232466-51806	232466-51807
Canister Dil. Fac.	1.5	1.5	1.5	1.5	1.5	1.5
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
COS / SO2	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Methyl Mercaptan	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Ethyl Mercaptan	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Dimethyl Sulfide	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Carbon Disulfide	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Isopropyl Mercaptan	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
tert-Butyl Mercaptan	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
n-Propyl Mercaptan	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Methylethylsulfide	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
sec-Butyl Mercaptan / Thiophene	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
iso-Butyl Mercaptan	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Diethyl Sulfide	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
n-Butyl Mercaptan	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Dimethyl Disulfide	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
2-Methylthiophene	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
3-Methylthiophene	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Tetrahydrothiophene	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Bromothiophene	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Thiophenol	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Diethyl Disulfide	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Total Unidentified Sulfur	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Total Reduced Sulfurs	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers PROJECT NO.: 232466

MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 11/28/2023

RECEIVING DATE: 11/28/2023 ANALYSIS DATE: 11/29/2023 REPORT DATE: 11/30/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	Chiquito Cyn Rd	S End Lincoln	SCV	MS-01	MS-02	MS-03
AAC ID	232466-51808	232466-51809	232466-51810	232466-51811	232466-51812	232466-51813
Canister Dil. Fac.	1.4	1.4	1.4	1.4	1.4	1.5
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
COS / SO2	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Methyl Mercaptan	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Ethyl Mercaptan	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Dimethyl Sulfide	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Carbon Disulfide	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Isopropyl Mercaptan	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
tert-Butyl Mercaptan	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
n-Propyl Mercaptan	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Methylethylsulfide	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
sec-Butyl Mercaptan / Thiophene	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
iso-Butyl Mercaptan	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Diethyl Sulfide	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
n-Butyl Mercaptan	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Dimethyl Disulfide	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
2-Methylthiophene	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
3-Methylthiophene	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Tetrahydrothiophene	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Bromothiophene	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Thiophenol	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Diethyl Disulfide	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Total Unidentified Sulfur	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Total Reduced Sulfurs	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015

All unidentified compound's concentrations expressed in terms of H_2S Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO. : 232466

MATRIX: AIR UNITS: ppmv

SAMPLING DATE: 11/28/2023

RECEIVING DATE: 11/28/2023

ANALYSIS DATE: 11/29/2023 REPORT DATE: 11/30/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-04	MS-05	Reaction	Working Face
AAC ID	232466-51814	232466-51815	232466-51816	232466-51817
Canister Dil. Fac.	1.5	1.4	1.5	1.5
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.015	< 0.014	< 0.015	< 0.015
COS / SO2	< 0.015	< 0.014	< 0.015	< 0.015
Methyl Mercaptan	< 0.015	< 0.014	< 0.015	< 0.015
Ethyl Mercaptan	< 0.015	< 0.014	< 0.015	< 0.015
Dimethyl Sulfide	< 0.015	< 0.014	< 0.015	< 0.015
Carbon Disulfide	< 0.015	< 0.014	< 0.015	< 0.015
Isopropyl Mercaptan	< 0.015	< 0.014	< 0.015	< 0.015
tert-Butyl Mercaptan	< 0.015	< 0.014	< 0.015	< 0.015
n-Propyl Mercaptan	< 0.015	< 0.014	< 0.015	< 0.015
Methylethylsulfide	< 0.015	< 0.014	< 0.015	< 0.015
sec-Butyl Mercaptan / Thiophene	< 0.015	< 0.014	< 0.015	< 0.015
iso-Butyl Mercaptan	< 0.015	< 0.014	< 0.015	< 0.015
Diethyl Sulfide	< 0.015	< 0.014	< 0.015	< 0.015
n-Butyl Mercaptan	< 0.015	< 0.014	< 0.015	< 0.015
Dimethyl Disulfide	< 0.015	< 0.014	< 0.015	< 0.015
2-Methylthiophene	< 0.015	< 0.014	< 0.015	< 0.015
3-Methylthiophene	< 0.015	< 0.014	< 0.015	< 0.015
Tetrahydrothiophene	< 0.015	< 0.014	< 0.015	< 0.015
Bromothiophene	< 0.015	< 0.014	< 0.015	< 0.015
Thiophenol	< 0.015	< 0.014	< 0.015	< 0.015
Diethyl Disulfide	< 0.015	< 0.014	< 0.015	< 0.015
Total Unidentified Sulfur	< 0.015	< 0.014	< 0.015	< 0.015
Total Reduced Sulfurs	< 0.015	< 0.014	< 0.015	< 0.015

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 11/29/2023

Analyst: KM Units: ppbV Instrument ID: SCD#10 Calb. Date: : 07/11/2022

Opening Calibration Verification Standard

499.8 ppbV H2S (SS1289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1786	484	96.9	0.7
Duplicate	1759	477	95.5	2.2
Triplicate	1850	502	100.4	2.9

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2282	529	96.7	0.1
Duplicate	2324	539	98.4	1.7
Triplicate	2249	522	95.3	1.6

479.0 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2482	469	98.0	1.9
Duplicate	2559	484	101.0	1.2
Triplicate	2546	481	100.5	0.7

Method Blank

Analyte	Result
H ₂ S	<pql< td=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< td=""></pql<>

Duplicate Analysis			Sample ID	231187-45761
Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0

Matrix Spike & Duplicate Sample ID 231438-46986 x2

Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
Analyte	Conc.	Added	Result	Result	% Rec **	% Rec **	70 KFD
H ₂ S	<pql< td=""><td>249.9</td><td>261.3</td><td>258.2</td><td>104.6</td><td>103.3</td><td>1.2</td></pql<>	249.9	261.3	258.2	104.6	103.3	1.2
MeSH	<pql< td=""><td>273.8</td><td>288.1</td><td>284.8</td><td>105.2</td><td>104.0</td><td>1.2</td></pql<>	273.8	288.1	284.8	105.2	104.0	1.2
DMS	<pql< td=""><td>239.5</td><td>244.1</td><td>236.9</td><td>101.9</td><td>98.9</td><td>3.0</td></pql<>	239.5	244.1	236.9	101.9	98.9	3.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	499.8	533.9	106.8
MeSH	547.5	520.5	95.1
DMS	479.0	451.7	94.3

^{*}Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD fro. ssAS

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbVDMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV



Quality Control/Quality Assurance Report **SCAQMD 307.91**

Date Analyzed: 11/29/2023

Analyst: CM/KM Units: ppmV

Instrument ID: SCD-BTU Calb. Date: : 6/13/23

Opening Calibration Verification Standard

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	877	0.504	100.9	1.5
Duplicate	861	0.495	99.1	0.4
Triplicate	853	0.491	98.2	1.2

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	897	0.545	99.6	0.7
Duplicate	894	0.543	99.2	1.1
Triplicate	920	0.559	102.1	1.8

0.479 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	856	0.472	98.5	0.6
Duplicate	877	0.484	101.0	1.9
Triplicate	850	0.469	97.8	1.3

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< td=""></pql<>
DMS	<pql< td=""></pql<>

Duplicate Analysis Sample ID 231187-45761

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< th=""><th><pql< th=""><th>0.000</th><th>0.0</th></pql<></th></pql<>	<pql< th=""><th>0.000</th><th>0.0</th></pql<>	0.000	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0

Matrix Spike & Duplicate 231187-45761 x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H ₂ S	<pql< td=""><td>0.250</td><td>0.272</td><td>0.266</td><td>108.9</td><td>106.5</td><td>2.2</td></pql<>	0.250	0.272	0.266	108.9	106.5	2.2
MeSH	<pql< td=""><td>0.274</td><td>0.275</td><td>0.274</td><td>100.5</td><td>100.1</td><td>0.4</td></pql<>	0.274	0.275	0.274	100.5	100.1	0.4
DMS	<pql< td=""><td>0.240</td><td>0,263</td><td>0.249</td><td>109.8</td><td>104.0</td><td>5.5</td></pql<>	0.240	0,263	0.249	109.8	104.0	5.5

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.500	0.510	102.1
MeSH	0.548	0.586	107.0
DMS	0.479	0.462	96.5

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD from Mean result.

PQL = 50.0 ppbV MDL = 1.1 ppbV

232 766

CHAIN OF CUSTODY AND ANALYSIS REQUEST —Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

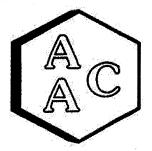
			1				4.00			
Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave S	18 · Phone: 805	-650-1642 · E	mail: info@	aaclab.com ·	1534 Eastn	nan Ave Su	uite A, Ventura, CA 93003	tura, CA 93	003	AAC Project No.:
Client/Company Name	Project Name					Analı	ysis Requested	sted		Send Report To (Name/Email/Address)
Project Manager Name	CHIQUITA	L CN	/(OHF)							pschafer@scsengineers.com
PAUL SCHAFER	01204123.21	21 TASK 22	2			Т				rhuff@scsengineers.com
Turnaround Time	Sampler Name	ō			JR	LIS				Send Invoice To (Name/Email/Address)
Rush 24 h	Print: Howando		lutado		LFU	JLL.				
☐ Rush 48 h ☐ 5 Days	Signature:	M TH	The same of the sa		SU	FL				PO Number
	1 7				7.91)-15				
Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307	TC				
MS-06	51802	11/28	->,	Summa	×	×				Trades
MS-07	51803		1126	1	×	×				
1115-08	51804		1207	1	×	X				
MS-09	71805		1218		λ	×				
MS-10	51806		1242	1	χ	×				
MS-12	5.807		1159		×	メ				
1	51808		1142	1	×	X			,	
5 End Lincoln	51809		1181		×	×				
324	51810	*	1227	+	×	X				Authorite Contract
										1000 1000 1000 1000 1000 1000 1000 100
Client Notes/Special Instructions:							EDD?			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
							□Yes	Ē		
							C			
Print: Transac Hurbado		Date 11/28	Received By Print: トレベラル	されるは			Date 11 /28/23			
Relinquished av		Time / 0 0 0	Signature:				Time (537			· · · · · · · · · · · · · · · · · · ·
Print		Date	Received By Print:	Contraction of the Contraction o			Date			
Signature:		Time	Signature:	to dominate of processing following and the state of the			Time			

•	I	
	i	:3
	I	J
	١	=
	Ì	
	l	OF CUSTODY AN
	I	7
	ļ	-
	l	Ċ
	l	ũ
	١	_
	l	C
	l	Č
	l	4
	l	
	l	3
i	l	2
	l	C
		•
ł	l	
		<
	ŀ	2
1		5
-		T AND ANALYSIS REQUEST — Chain of Custody is a LEGAL DOCUMENT. Complete a
-		ž
		V
İ		Z
I		П
I		C
1		C
	•	Ť
		V
1		-
1		ı
İ		Ω
I		ត
I	٠	3
i		9
I		\overline{C}
l		Ĕ
I		Ħ
İ		ă
I		≤
I		S
ł		_
I		щ
	٠	Q
١		7
١		Q
l		ŏ
١		낟
١		₹
I		匝
١	•	\leq
I		Ξ.
J		8
ı		3
I		힏
۱		e
I		O
١		맆
١		7
١		Ä
		Κ
		3
		Ξ
		픙
		ō
-		'n
1		

Client/Company Name Project Name Ana	Project Name) . 7 6 01-000-	maii: inro@	aaciab.com ·	1554 Eastn	ian Ave Su Analı	vsis Requested	ted	000	Send Report To (Name/Email/Address)	(/Address)
SCS ENGINEERS	CHIQUITA	A[(ON)]	OFF]			i				nschafer@scsengineers.com	rs com
PAUL SCHAFER	01204123.21	yer 21 TASK 22				Г				rhuff@scsengineers.com	mo
Turnaround Time	Sampler Name	ō			JR	LIS				Send Invoice To (Name/Email/Address)	N/Address)
	Print: Armano	ando Hu	intado		LFU	LL 5					
☐ Rush 48 h ☐ 5 Days	Signature:	The state of the s	#		SU	FU	·	± .		PO Number	
	1	110	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		'.91	-15		:		AWART TO THE PARTY	
Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Oty	307	ТО	-				į
MS-01	51811	11/28	اد	Samo	×	×				Appello L. C. C.	
MS-02	51812		1051	7	×	X					
M5-03	51813		1309	1	X	×					
WS-04	21814		1013		×	X					Ī
W5-05	51815		0936	-	×	X					
Keaction	51816		1030	1	×	X					
Working Face	51817	4	1105	4	X	X				, and the second second	
											8
Client Notes/Special Instructions:							EDD?				
							□Yes		est.		
							CNO				
Print: Aymound twited		Date /1/28	Received By	Brokens			Date				
Signature: On Mutt		Time 533	Signature:	+			Time 1535				
Print:		Date	Received By				Date				
Signature:		Time	Signature:				Time				

17/0- 17x cons(1x variated)

AAC COC Rev 3



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita ON/OFF

PROJECT NO.

: 01204123.21 TASK 22

AAC PROJECT NO.

: 232522

REPORT DATE

: 12/07/2023

On December 5, 2023, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Client ID	Lab ID
MS-06	232522-52056	SCV	232522-52065
MS-07	232522-52057	MS-01	232522-52066
MS-08	232522-52058	MS-02	232522-52067
MS-09	232522-52059	MS-03	232522-52068
MS-10	232522-52060	MS-04	232522-52069
MS-11	232522-52061	MS-05	232522-52070
MS-12	232522-52062	Reaction	232522-52071
Chiquito Cyn Rd	232522-52063	Working Face	232522-52072
S End Lincoln	232522-52064		

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

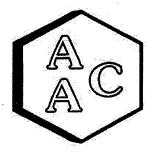
I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. These samples were received in Tedlar Bags, which are considered inappropriate containers by EPA Method TO-15. Per NELAC requirements the analytical results should be considered estimated for these samples. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Technical Director

This report consists of 25 pages.



Laboratory Analysis Report

CLIENT: SCS Engineers

DATE RECEIVED: 12/05/2023 DATE REPORTED: 12/07/2023

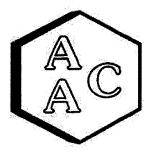
ANALYST: DL/CH

PROJECT NO: 232522

MATRIX: AIR

UNITS: PPB (v/v)

Client ID	T	MS-06		Sample		MS-07		Sample	
AAC ID		232522-520	56	- 1		232522-520		Reporting	Method
Date Sampled	 	12/05/202	3	Reporting		12/05/202			Reporting
Date Analyzed	1	12/06/202	3	Limit		12/06/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	`
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50 1.00</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50 1.00</td></srl<>	Ü	1	0.50	0.50 1.00
Propene	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>U</td><td><u> </u></td><td>1.00</td><td>0.50</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>U</td><td><u> </u></td><td>1.00</td><td>0.50</td></srl<>	U	<u> </u>	1.00	0.50
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	U	1 1	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td></td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td></td></srl<>	U	1	0,50	
Methanol	12.1		11	5.00	11.9		1	5.00	5.00
1.3-Butadiene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ü	11	0.50	0.50
Chloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Ethanol	44.2		1	2.00	58.3		11	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Acetone	6.27		1	2.00	5.09		11	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2,00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2,00</td></srl<>	U	11	2.00	2,00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U .</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U .	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Hexane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	U	1 1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl_< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl_<></td></srl<>	U	1	0.50	<srl_< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl_<>	U	11	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Benzene	<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	11	0.50	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	U	1 1	0.50	0.50



Laboratory Analysis Report

DATE RECEIVED: 12/05/2023

DATE REPORTED: 12/07/2023

ANALYST: DL/CH

CLIENT: SCS Engineers
PROJECT NO: 232522

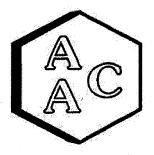
MATRIX: AIR

UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-06		Sample		MS-07		Sample	Method
AAC ID		232522-520	56			232522-520		Reporting	
Date Sampled		12/05/202		Reporting		12/05/202		Limit	Reporting
Date Analyzed		12/06/202	3	Limit		12/06/202	5		Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	0.50
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl_< td=""><td>U</td><td>1</td><td>0,50 0,50</td><td>0:50</td></srl_<></td></srl<>	U	1	0.50	<srl_< td=""><td>U</td><td>1</td><td>0,50 0,50</td><td>0:50</td></srl_<>	U	1	0,50 0,50	0:50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ü</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ü</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	Ü	<u> </u>	0.50	0.50
1.2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<>	U		0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U U</td><td></td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U U</td><td></td><td>1.00</td><td>1.00</td></srl<>	U U		1.00	1.00
1.4-Dioxane	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td></td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td></td><td></td><td>0.50</td><td>0.50</td></srl<>			0.50	0.50
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>		1	0.50	0.50
cis-1.3-Dichloropropene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>ļ <u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>ļ <u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	ļ <u> </u>	0.50	0.50
trans-1.3-Dichloropropene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U U	1	0.50	0.50
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td> U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td> U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	 	0.50	0.50
Toluene	4.77		11	0.50	5.55	U	 	1.00	1.00
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td> </td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td> </td><td>1</td><td>0.50</td><td>0.50</td></srl<>	 	1	0.50	0.50
Dibromochloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>1 0</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>1 0</td><td></td><td>0.50</td><td>0.50</td></srl<>	1 0		0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>l ü</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>l ü</td><td> </td><td>0.50</td><td>0.50</td></srl<>	l ü	 	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>l Ü</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>l Ü</td><td></td><td>0.50</td><td>0.50</td></srl<>	l Ü		0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td><srl <srl< td=""><td>Ü</td><td> </td><td>1.00</td><td>1.00</td></srl<></srl </td></srl<>	U	<u> </u>	0.50	<srl <srl< td=""><td>Ü</td><td> </td><td>1.00</td><td>1.00</td></srl<></srl 	Ü	 	1.00	1.00
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td></td><td>υ</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	1	1.00		υ	 	0.50	0.50
Bromoform	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl <srl< td=""><td>Ü</td><td> </td><td>0.50</td><td>0.50</td></srl<></srl </td></srl<>	U	11	0.50	<srl <srl< td=""><td>Ü</td><td> </td><td>0.50</td><td>0.50</td></srl<></srl 	Ü	 	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td>Ü</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50		Ü	 	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1 1	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td><srl <srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></srl </td></srl<>	U	1 1	0.50	<srl <srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></srl 	U	1 1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td> </td><td>0.50</td><td></td><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	 	0.50		U	 	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>l Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 1	0.50	<srl< td=""><td>l Ü</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	l Ü	1 1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>+ + +</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1 1	0.50	<srl< td=""><td>Ü</td><td>+ + +</td><td>0.50</td><td>0.50</td></srl<>	Ü	+ + +	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U U	 	0.50	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl <srl< td=""><td> </td><td> </td><td>0.50</td><td>0.50</td></srl<></srl </td></srl<>	U	1	0.50	<srl <srl< td=""><td> </td><td> </td><td>0.50</td><td>0.50</td></srl<></srl 	 	 	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td> </td><td>0.50</td><td><srl <srl< td=""><td>1 0</td><td> </td><td>0.50</td><td>0.50</td></srl<></srl </td></srl<>	Ŭ	 	0.50	<srl <srl< td=""><td>1 0</td><td> </td><td>0.50</td><td>0.50</td></srl<></srl 	1 0	 	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td></td><td> U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	1 1	0.50		 U	 	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>U</td><td> </td><td>0.50</td><td><srl< td=""><td>1 11</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	 	0.50	<srl< td=""><td>1 11</td><td> </td><td>0.50</td><td>0.50</td></srl<>	1 11	 	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td></td><td>0.50</td><td><srl< td=""><td>97%</td><td>+</td><td>1 0,50</td><td>70-130%</td></srl<></td></srl<>	U		0.50	<srl< td=""><td>97%</td><td>+</td><td>1 0,50</td><td>70-130%</td></srl<>	97%	+	1 0,50	70-130%
BFB-Surrogate Std. % Recovery		97%	<u> </u>			1 9/70	1		





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232522

MATRIX : AIR

UNITS: PPB (v/v)

DATE RECEIVED: 12/05/2023

DATE REPORTED: 12/07/2023

ANALYST: DL/CH

Client ID		MS-08		Γ Ι		MS-09		Cample	
AAC ID	 	232522-520	158	Sample		232522-520	159	Sample	Method
Date Sampled		12/05/202		Reporting		12/05/202	3	Reporting	Reporting
Date Samplea Date Analyzed		12/06/202		Limit		12/06/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloromethane	0.51		1	0.50	<srl_< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl_<>	U	11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<>	U	11	0.50	0,50
Vinyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methanol	27.8		1	5.00	21.7		11	5.00	5.00
1.3-Butadiene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromomethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Ethanol	53.4		1	2.00	56.6		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Acetone	7.01		1	2.00	6.43		11	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2:00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2:00</td></srl<>	U	1	2.00	2:00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1,00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1,00</td><td>1.00</td></srl<>	U	11	1,00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>.1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	.1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Vinvl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1,00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1,00</td><td>1.00</td></srl<>	U	11	1,00	1.00
2-Butanone (MEK)	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ū</td><td>•1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	•1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232522

MATRIX : AIR

UNITS: PPB (v/v)

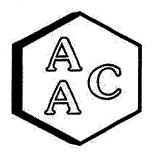
DATE RECEIVED: 12/05/2023

DATE REPORTED: 12/07/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-08		Sample		MS-09	5 0	Sample	Method
AAC ID		232522-520		Reporting		232522-520		Reporting	
Date Sampled		12/05/202		Limit		12/05/202		Limit	Reporting
Date Analyzed		12/06/202	3			12/06/202	3		Limit
Can Dilution Factor		1.00		(SRL)		1,00	_	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>11</td><td>0.50 0.50</td><td>0.50 0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>11</td><td>0.50 0.50</td><td>0.50 0.50</td></srl<>	Ü	11	0.50 0.50	0.50 0.50
Cyclohexane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td></td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>		<u> </u>	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>ט</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	ט	11	0.50	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td><u> </u></td><td></td><td>0.50</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td><u> </u></td><td></td><td>0.50</td></srl<>	U	<u> </u>		0.50
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>ļ <u>!</u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>ļ <u>!</u></td><td>0.50</td><td>0.50</td></srl<>	Ŭ	ļ <u>!</u>	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
Heptane	<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	11	0.50	<srl< td=""><td>Ŭ</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1 1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td></srl<>	U	1	0.50	
4-Methyl-2-pentanone (MiBK)	<srl_< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0:50</td></srl<></td></srl_<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0:50</td></srl<>	U	1	0.50	0:50
trans-1,3-Dichloropropene	<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Toluene	5.26		11	0.50	5,23		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>. 1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	. 1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0,50</td></srl<>	U	11	0.50	0,50
Styrene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
o-Xvlene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ū</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ū	11	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ü	1i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
BFB-Surrogate Std. % Recovery		99%	1			98%			70-130%



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232522

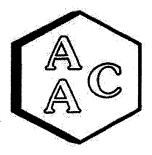
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 12/05/2023

DATE REPORTED: 12/07/2023

ANALYST: DL/CH

Client ID		MS-10				MS-11		Sample	
AAC ID		232522-520	060	Sample		232522-520	61		Method
Date Sampled		12/05/202		Reporting		12/05/202	3	Reporting	Reporting
Date Analyzed		12/06/202		Limit		12/06/202	3	Limit	Limit
Can Dilution Factor		1.00		SRL)		1,00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
lifluoromethane	<srl< td=""><td>U</td><td></td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U		0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
odifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
nethane	0.51		1	0.50	0.57		1	0.50	0.50
otetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
hloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
ol	11,9		1	5.00	21.1		11	5,00	5.00
adiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
nethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
thane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
ofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
	66.3		1	2.00	28.9		1	2.00	2.00
romide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	6.71		1	2.00	11.7		1	2.00	2.00
ofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
nol (IPA)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>6.36</td><td></td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	6.36		1	2.00	2.00
itrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
hloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ū	1	0.50	0,50
ene Chloride (DCM)	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ū	1	1.00	1.00
nloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ü	1	2.00	2.00
otrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
hloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Tert Butyl Ether (MTBE)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cetate	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
one (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	<srl< td=""><td>Ü</td><td>l i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	l i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
orm	<srl< td=""><td>Ü</td><td>1 i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1 i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cetate	<srl< td=""><td>Ü</td><td>l i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	l i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
			l i		<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
			l i			Ü	1	0.50	0.50
			l i				ī	0.50	0.50
			l i			Ü	i i	0.50	0.50
drofuran nloroethane ichloroethane	<srl <srl <srl <srl< td=""><td>U U U U</td><td>1 1 1 1</td><td>0,50 0,50 0,50 0,50</td><td><srl <srl <srl <srl< td=""><td>Ŭ U</td><td>1 1 1 1</td><td>0.5</td><td>50</td></srl<></srl </srl </srl </td></srl<></srl </srl </srl 	U U U U	1 1 1 1	0,50 0,50 0,50 0,50	<srl <srl <srl <srl< td=""><td>Ŭ U</td><td>1 1 1 1</td><td>0.5</td><td>50</td></srl<></srl </srl </srl 	Ŭ U	1 1 1 1	0.5	50



Laboratory Analysis Report

DATE RECEIVED: 12/05/2023

DATE REPORTED: 12/07/2023

ANALYST: DL/CH

CLIENT: SCS Engineers

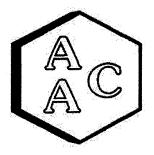
PROJECT NO: 232522 MATRIX: AIR

UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-10		Sample		MS-11 232522-520	<i>C</i> 1	Sample	Method
AAC ID		232522-520		Reporting		12/05/202		Reporting	Reporting
Date Sampled		12/05/202		Limit		12/05/202		Limit	
Date Analyzed		12/06/202	3			1.00	,	(SRL)	Limit
Can Dilution Factor		1.00		(SRL)				(MRLxDF's)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	0.50	0.50
Carbon Tetrachloride	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl <srl< td=""><td>U U</td><td>ļ</td><td>0.50</td><td>0.50</td></srl<></srl </td></srl<>	Ŭ	1	0.50	<srl <srl< td=""><td>U U</td><td>ļ</td><td>0.50</td><td>0.50</td></srl<></srl 	U U	ļ	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50		Ü	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td></td><td>0.50</td><td>0.50</td></srl<>	Ü		0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>Ü</td><td></td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>Ü</td><td></td><td>1.00</td><td>1.00</td></srl<>	Ü		1.00	1.00
1,4-Dioxane	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<\$RL	U	1	0.50	<srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<>	U		0.50	0.50
Heptane	<\$RL	U	1	0.50	<srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<>	U		0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>ļ <u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td></td><td>ļ <u> </u></td><td>0.50</td><td>0.50</td></srl<>		ļ <u> </u>	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>ļ-</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>ļ-</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	ļ -	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	6.01		1	0.50	14.5		1	1.00	1.00
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Dibromochloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ü.</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ü.</td><td></td><td>0.50</td><td>0.50</td></srl<>	Ü.		0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ŭ</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	Ŭ	<u> </u>	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>1.00</td><td>1.00</td></srl<>	U	<u> </u>	1.00	1.00
m & p-Xylene	<srl< td=""><td>Ü</td><td>11</td><td>1,00</td><td><srl< td=""><td>Ü</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	11	1,00	<srl< td=""><td>Ü</td><td> </td><td>0.50</td><td>0.50</td></srl<>	Ü	 	0.50	0.50
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	 	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>ļ!</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>ļ!</td><td>0.50</td><td>0.50</td></srl<>	U	ļ!	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td> </td><td></td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ŭ</td><td> </td><td></td><td>0.50</td></srl<>	Ŭ	 		0.50
o-Xylene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<>	U		0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	 	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>ļ<u>ļ</u></td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>ļ<u>ļ</u></td><td>0,50</td><td>0.50</td></srl<>	U	ļ <u>ļ</u>	0,50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	U	1 1	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>U</td><td>111</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	111	0.50	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	U	1 1	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	U	1 1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ū</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	11	0.50	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	U	1 1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td> </td><td>0,50</td><td>70-130%</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td> </td><td>0,50</td><td>70-130%</td></srl<>	U	 	0,50	70-130%
BFB-Surrogate Std. % Recovery		102%			L.,	101%	<u> </u>		1 /0-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232522

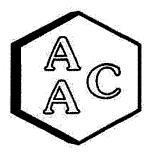
MATRIX : AIR UNITS : PPB (v/v) DATE RECEIVED: 12/05/2023

DATE RECEIVED: 12/03/2023

DATE REPORTED: 12/07/2023

ANALYST: DL/CH

Client ID		MS-12		Sample		Chiquito Cyi		Sample	
AAC ID		232522-520)62			232522-520		Reporting	Method
Date Sampled		12/05/202	3	Reporting		12/05/202			Reporting
Date Analyzed		12/06/202	3	Limit		12/06/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00	·	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	` . ′
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 ·</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1 ·</td><td>0.50</td><td>0,50</td></srl<>	U	1 ·	0.50	0,50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.51</td><td>ļ</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.51	ļ	11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	11.2		1	5.00	32,3		11	5.00	5,00
1.3-Butadiene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromomethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	52.8		1	2.00	62,5		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>i i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	6.00		1	2.00	5.60		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Acrylonitrile	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2,00</td><td>2.00</td></srl<>	U	1	2,00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Vinvl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>Ū</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1 1	0.50	<srl< td=""><td>U.</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U.	1	0.50	0.50
Hexane	<srl< td=""><td>Ū</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ū.</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū.	1 1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>T T</td><td>l î</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	T T	l î	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ŭ</td><td>i i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	i i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2-Dichloroethane	SRL	Ŭ	l i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.1.1-Trichloroethane	SRL	ŭ	 	0.50	<srl< td=""><td>Ŭ</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1 1	0.50	0.50
Benzene	SRL SRL	Ü	 	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50



Laboratory Analysis Report

DATE RECEIVED: 12/05/2023

DATE REPORTED: 12/07/2023

ANALYST: DL/CH

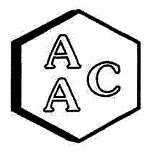
CLIENT: SCS Engineers PROJECT NO: 232522

MATRIX : AIR
UNITS : PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-12		Sample		Chiquito Cyn		Sample	30.3
AAC ID		232522-520	62			232522-520		Reporting	Method
Date Sampled		12/05/2023	3	Reporting		12/05/2023		Limit	Reporting
Date Analyzed	ſ	12/06/2023	3	Limit		12/06/202	3		Limit
Can Dilution Factor		1.00		SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	0.50
Carbon Tetrachloride	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50 0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50 0.50</td><td>0.50</td></srl<>	U	1	0.50 0.50	0.50
Cyclohexane	<srl< td=""><td>. U</td><td>11</td><td>0,50</td><td><srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	. U	11	0,50	<srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<>	U		0.50	0.50
1.2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>		1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
1.4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
2.2.4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<>	U		0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
Toluene	7.92		11	0.50	5.40		<u> </u>	1.00	1.00
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>U</td><td>ļ<u></u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>U</td><td>ļ<u></u></td><td>0.50</td><td>0.50</td></srl<>	U	ļ <u></u>	0.50	0.50
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<>	U		0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>ļ</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>ļ</td><td>1.00</td><td>1.00</td></srl<>	U	ļ	1.00	1.00
m & p-Xylene	<srl< td=""><td>U</td><td>11</td><td>1,00</td><td><srl< td=""><td>Ŭ</td><td>ļ<u>ļ</u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	1,00	<srl< td=""><td>Ŭ</td><td>ļ<u>ļ</u></td><td>0.50</td><td>0.50</td></srl<>	Ŭ	ļ <u>ļ</u>	0.50	0.50
Bromoform	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>ļ</td><td></td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>ļ</td><td></td><td>0.50</td></srl<>	U	ļ		0.50
Styrene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<>	U		0.50	0.50
o-Xvlene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>111</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td></td></srl<></td></srl<>	U	111	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td></td></srl<>	U	11	0.50	
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl_< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl_<></td></srl<>	U	1	0.50	<srl_< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl_<>	U	 	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	 	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	U	1 1	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl_< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl_<></td></srl<>	U	11	0.50	<srl_< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl_<>	U	<u> </u>	0.50	0.50
BFB-Surrogate Std. % Recovery		99%				99%	<u> </u>		70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO : 232522

MATRIX : AIR UNITS : PPB (v/v) DATE RECEIVED: 12/05/2023

DATE REPORTED: 12/07/2023

ANALYST: DL/CH

Client ID		S End Line		Sample		SCV		Sample	
AAC ID		232522-520				232522-520			Method
Date Sampled		12/05/202	3	Reporting		12/05/202		Reporting	Reporting
Date Analyzed		12/06/202	3	Limit		12/06/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Propene	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chloromethane	0.51		1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td>0.50</td></srl<>	U	1 1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methanol	12.1		1	5.00	38.8		1	5.00	5.00
1.3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromomethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	60.4		1	2.00	74.2		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Acetone	5.62		1	2.00	7.59		1	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>Ū</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	Ū	1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Allyl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>Ü</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	Ü	1	2.00	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Vinvl Acetate	<srl< td=""><td>Ü</td><td>i</td><td>1.00</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	i	1.00	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>Ū</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>Ü</td><td>l i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	l i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
DOILLOIN	1 91415		·						



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232522

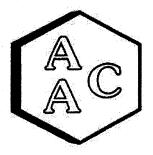
MATRIX : AIR UNITS : PPB (v/v) DATE RECEIVED: 12/05/2023

DATE REPORTED: 12/07/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID		S End Line 232522-520	64	Sample	232322-32003			Sample	Method
Date Sampled		12/05/202		Reporting		12/05/202		Reporting	Reporting
Date Analyzed		12/06/202	3	Limit		12/06/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	. ,
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	5.79		1	0.50	4.28		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
o-Xvlene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ū	1	0,50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>Ī</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ŭ	Ī	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ŭ	1	0,50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>ĺ</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ü	ĺ	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ū	1	0,50	0.50
BFB-Surrogate Std. % Recovery		100%				99%			70-130%
U - Compound was not detected at or above	the CDI	<u>A X X / Y</u>				•	\$1		



Laboratory Analysis Report

DATE RECEIVED: 12/05/2023

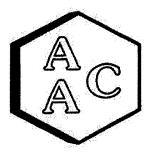
DATE REPORTED: 12/07/2023

ANALYST: DL/CH

PROJECT NO: 232522 MATRIX: AIR UNITS: PPB (v/v)

CLIENT: SCS Engineers

Client ID		MS-01	× (Sample		MS-02 232522-520	67	Sample	Method
AAC ID		232522-520 12/05/202		Reporting		12/05/202		Reporting	Reporting
Date Sampled	ļ	12/05/202		Limit		12/06/202		Limit	
Date Analyzed		1.00	<u> </u>	(SRL)		1.00		(SRL)	Limit
Can Dilution Factor	ļ			(MRLxDF's)	D 14		Analysis DF	(MRLxDF's)	(MRL)
Compound	Result	Qualifier	Analysis DF	·	Result	Qualifier	Analysis Dr	0.50	0.50
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.06</td><td>l</td><td> </td><td>0.50</td><td>0.50</td></srl<>	U	1	1.00	1.06	l	 	0.50	0.50
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	U	<u> </u>	0.50	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.55</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.55		1	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>5,00</td><td>5.00</td></srl<></td></srl<>	U	1 1	0.50	<srl< td=""><td>U</td><td>1</td><td>5,00</td><td>5.00</td></srl<>	U	1	5,00	5.00
Methanol	43.1		1	5.00	26.0		ļ -	0.50	0.50
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td></td><td>0.50</td><td>0.50</td></srl<>	U		0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>2.00</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>2.00</td></srl<>	U	1	0.50	2.00
Ethanol	53.6		11	2.00	70.5		1	2.00	
Vinyl Bromide	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Acetone	31.4		11	2.00	38.1		11	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
2-Propanol (IPA)	5.15		1	2.00	6.43		11	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ŭ</td><td></td><td>0.50</td><td>0.50</td></srl<>	Ŭ		0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ū</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<>	U	11	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Vinyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.34</td><td></td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.34		1	1.00	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethyl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.68</td><td></td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.68		11	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>1.66</td><td></td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	1.66		11	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>1.81</td><td></td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	1.81		11	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232522 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 12/05/2023

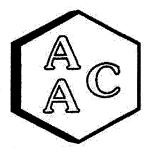
DATE REPORTED: 12/07/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

1107		MS-01		Sample		MS-02 232522-520	<u> </u>	Sample	Method
AAC ID		232522-520 12/05/202		Reporting		12/05/202		Reporting	
Date Sampled		12/05/202		Limit		12/05/202		Limit	Reporting
Date Analyzed Can Dilution Factor		1.00	3	(SRL)		1.00	J	(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
			Analysis Di	2.50			1	0.50	0.50
Carbon Tetrachloride	<srl< td=""><td>Ü</td><td><u> </u></td><td>0.50</td><td><srl< td=""><td>Ü</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	<u> </u>	0.50	<srl< td=""><td>Ü</td><td><u> </u></td><td>0.50</td><td>0.50</td></srl<>	Ü	<u> </u>	0.50	0.50
Cyclohexane	<srl< td=""><td>ñ</td><td><u> </u></td><td>, 0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	ñ	<u> </u>	, 0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td><u> </u></td><td>0.50</td><td><srl< td=""><td>Ü</td><td>ļ<u>!</u></td><td>0.50</td><td></td></srl<></td></srl<>	U	<u> </u>	0.50	<srl< td=""><td>Ü</td><td>ļ<u>!</u></td><td>0.50</td><td></td></srl<>	Ü	ļ <u>!</u>	0.50	
Bromodichloromethane	<srl< td=""><td>Ŭ</td><td><u>_</u></td><td>0.50</td><td><srl< td=""><td>Ų</td><td>ļ<u>ļ</u></td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ŭ	<u>_</u>	0.50	<srl< td=""><td>Ų</td><td>ļ<u>ļ</u></td><td>0.50</td><td>0,50</td></srl<>	Ų	ļ <u>ļ</u>	0.50	0,50
1,4-Dioxane	<srl< td=""><td>Ŭ</td><td>1</td><td>1.00</td><td><srl< td=""><td>Ü</td><td><u> </u></td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ŭ	1	1.00	<srl< td=""><td>Ü</td><td><u> </u></td><td>1.00</td><td>1.00</td></srl<>	Ü	<u> </u>	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ü	11	0.50	0.50
Toluene	21.8		1	0.50	16.2		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	U	1	0,50	0.50
Styrene	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	· U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
o-Xvlene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.50	<srl< td=""><td>Ŭ</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	i	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>· U</td><td>- i</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	· U	- i	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ŭ	1	0.50	0,50
BFB-Surrogate Std. % Recovery		100%		×15×	7135	99%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232522

MATRIX : AIR

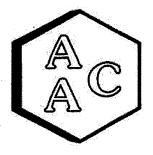
UNITS: PPB (v/v)

DATE RECEIVED: 12/05/2023

DATE REPORTED: 12/07/2023

ANALYST: DL/CH

Client ID		MS-03		Cample		MS-04		Sample	
AAC ID		232522-520	068	Sample		232522-520		- 1	Method
Date Sampled		12/05/202	3	Reporting		12/05/202		Reporting	Reporting
Date Analyzed		12/06/202		Limit		12/06/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)		1,00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50 1.00</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50 1.00</td></srl<>	U	11	0.50	0.50 1.00
Propene	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td></td></srl<></td></srl<>	U	11	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td></td></srl<>	U	1	1.00	
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chloromethane	0.53		1	0.50	0,55		11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Chloride	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methanol	33.2		1	5.00	23.2		1	5.00	5.00
1.3-Butadiene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0,50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Ethanol	74.7		1	2.00	79.7	<u>l</u>	11	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Acetone	10.4		1	2.00	39.8		11	2.00	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0,50</td><td>0.50</td></srl<>	U	11	0,50	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>4.10</td><td></td><td>11</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	4.10		11	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>U .</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U .	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td>2.00</td></srl<>	U	11	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
2-Butanone (MEK)	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Hexane	<srl< td=""><td>Ū</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1 1	0.50	<srl< td=""><td>Ü</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ü	11	0.50	0.50
Chloroform	<srl< td=""><td>Ū</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	Ū	1 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Ethyl Acetate	<srl< td=""><td>Ŭ</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>Ŭ</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1 1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>1 1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ŭ</td><td> </td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	 	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
			 	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232522

MATRIX : AIR UNITS : PPB (v/v) DATE RECEIVED: 12/05/2023

DATE REPORTED: 12/07/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	l	MS-03		Sample		MS-04		Sample	36.45
AAC ID		232522-520		Reporting		232522-520		Reporting	Method
Date Sampled	<u> </u>	12/05/202				12/05/202		Limit	Reporting
Date Analyzed	<u> </u>	12/06/202	3	Limit		12/06/202	3		Limit
Can Dilution Factor		1.00		(SRL)		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50 0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50 0.50</td></srl<>	U	1	0.50	0.50 0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td> </td><td>0.50</td><td></td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td> </td><td>0.50</td><td></td></srl<>	U	 	0.50	
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0,50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>Ŭ</td><td>1</td><td>0,50</td><td>0.50</td></srl<>	Ŭ	1	0,50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td><u> </u></td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td><u> </u></td><td>1.00</td><td>1.00</td></srl<>	U	<u> </u>	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	Ü	1	0.50	0,50
Heptane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td><srl< td=""><td>U ·</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	11	0.50	<srl< td=""><td>U ·</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U ·	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Toluene	4.76		1	0.50	18.6		11	0.50	0,50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>11</td><td>1,00</td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>11</td><td>1,00</td><td>1.00</td></srl<>	U	11	1,00	1.00
Bromoform	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Styrene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>.0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	.0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.50	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>· U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	· U	1	0.50	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0,50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
BFB-Surrogate Std. % Recovery		100%				98%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232522

MATRIX : AIR

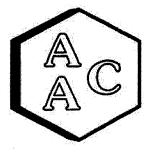
UNITS: PPB (v/v)

DATE RECEIVED: 12/05/2023

DATE REPORTED: 12/07/2023

ANALYST: DL/CH

	MS-05		CI-	Reaction			Cample	
		70		232522-52071				Method
	12/05/202	3	, , , , , ,	12/05/2023				
	12/06/202	3	Limit		12/06/202	3	Limit Limit	
	1,00		(SRL)		1.00		(SRL)	(MRL)
Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF		
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.50		U	1		0.50
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td></td><td>11</td><td></td><td>1.00</td></srl<>	U	1				11		1.00
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td>U</td><td>11</td><td></td><td>0.50</td></srl<>	U	1			U	11		0.50
0.55		1				1		0.50
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1				1		0.50
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1			U	1		0.50
55.0		1	5.00			11		5.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td></td><td>11</td><td></td><td>0.50</td></srl<>	U	1	0.50			11		0.50
<srl< td=""><td>Ŭ</td><td>1</td><td>0,50</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	Ŭ	1	0,50			1		0.50
<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
67.8		1	2.00	90.0		1	2.00	2.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
27.5		1	2.00	56.7		1		2.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
4.81		1	2.00	12.5		1	2.00	2.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1,00</td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1,00</td></srl<>	U	1	1.00	1,00
<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td></td><td>1.00</td></srl<>	U	1		1.00
<srl< td=""><td>U</td><td>1</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>2.00</td></srl<></td></srl<>	U	1	2.00	<srl< td=""><td>U</td><td>1</td><td></td><td>2.00</td></srl<>	U	1		2.00
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
<srl< td=""><td>U</td><td>1</td><td>1.00</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>1.00</td></srl<></td></srl<>	U	1	1.00	<srl< td=""><td>U</td><td>1</td><td></td><td>1.00</td></srl<>	U	1		1.00
<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>11.7</td><td></td><td>1</td><td></td><td>1.00</td></srl<>	Ü	1	1.00	11.7		1		1.00
<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>1.28</td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	1.28		1	0.50	0.50
<srl< td=""><td>Ü</td><td>1</td><td>0,50</td><td>19.0</td><td>1</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0,50	19.0	1	1	0.50	0.50
<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td><srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
	Ü	l ī	0.50	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
<srl< td=""><td>Ū</td><td>i i</td><td></td><td></td><td></td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	i i				1	0.50	0.50
	SRL SRL	232522-526	232522-52070 12/05/2023 12/06/2023 12/06/2023 1.00 Result Qualifier Analysis DF	12/05/2023 Sample Reporting 12/06/2023 Limit (SRL)	12/05/2023 Reporting Limit Limit SRL U 1 0.50 SRL SRL	12/05/2023 12/06/2023 12/06/2023 12/06/2023 12/06/2023 12/06/2023 12/06/2023 12/06/2023 12/06/2023 12/06/2023 12/06/2023 12/06/2023 12/06/2023 12/06/2023 12/06/2023 12/06/2023 12/06/2023 1.00 1.0	232522-52070 Sample Reporting 12/05/2023 Limit 12/05/2023 Limit 12/05/2023 Limit 12/05/2023 Limit 12/05/2023 Limit 12/05/2023 Limit 12/05/2023 Limit 12/05/2023 Limit 12/05/2023 Limit 12/05/2023 Limit 12/05/2023 Limit 12/05/2023 Limit 12/05/2023 Limit 12/05/2023 Limit 12/05/2023 Limit 12/05/2023 Limit 12/05/2023 Limit 12/05/2023 Limit	232522-52070 Sample 12/05/2023 Limit 12/06/2023 Limit 12/06/2023 Limit 12/06/2023 Limit 12/06/2023 Limit (SRL) 1.00 (SRL) 1.00 (SRL) 1.00 (SRL) (SRL) 1.00 (SRL) (SRL) 1.00 (SRL)



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232522

MATRIX : AIR

UNITS: PPB (v/v)

DATE RECEIVED: 12/05/2023

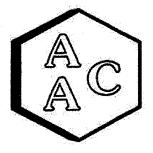
DATE REPORTED: 12/07/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

AAC LIVE Carbon Tetrachloride Carbon Te	Client ID		MS-05	70	Sample	Reaction		Sample Method		
Date Analyzed 12/06/2023 Limit Can Dilution Factor 1.00 Limit (SRL) Can Dilution Factor 1.00 Limit (SRL) Can Dilution Factor 1.00 Limit (SRL) Carbon Tetrachloride SRL U 1 0.50 SRL U 1 0.50 0.50 Cyclobexane SRL U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 0.50 Cyclobexane S						232522-52071			Reporting	
Carbon Tetrachloride					1 . 9]					
Carbon Tetrachloride				3				3		
Carbon Tetrachoride	Can Dilution Factor			·				I		(MRL)
Carbon February Carbon Feb	Compound			Analysis DF				Analysis DF	1	
Cyclinetate				1				1		
				1			<u> </u>	1		
1.4-Dioxane				1				ļ		
1-1-10-Name SRL U				1				1		
Intentiotement Class Cla	1,4-Dioxane			1				1		
				11				1		
Company	2,2,4-Trimethylpentane			1				ļļ		
Control Cont				1				11		
Section Sect	cis-1,3-Dichloropropene			11			U	1		
	4-Methyl-2-pentanone (MiBK)			1				1		
1.12-Thembore	trans-1,3-Dichloropropene	<srl< td=""><td></td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td></td></srl<>		1				1		
Dibromoch Color	1,1,2-Trichloroethane	<srl< td=""><td>ט</td><td>1</td><td></td><td></td><td>U</td><td>1</td><td></td><td></td></srl<>	ט	1			U	1		
Color		14.6		1	0.50			11		
1.2-Dibromoethane	2-Hexanone (MBK)	<srl< td=""><td>Ū</td><td>1</td><td></td><td></td><td></td><td>_1</td><td></td><td></td></srl<>	Ū	1				_1		
1,2-Dibromoethane	Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td></td><td>1</td><td></td><td></td></srl<>	U	1	0.50			1		
Tetrachloroethene (PCE)		<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>11</td><td></td><td></td></srl<></td></srl<>	Ū	1	0.50	<srl< td=""><td></td><td>11</td><td></td><td></td></srl<>		11		
Chlorobenzene		<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td></td><td></td><td>11</td><td></td><td></td></srl<>	Ū	1	0.50			11		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td><td>U</td><td>1</td><td></td><td></td></srl<>	U	1	0.50		U	1		
Mr. & p-Xylene		<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.70</td><td></td><td>1</td><td></td><td></td></srl<>	U	1	0.50	0.70		1		
Bromoform		<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td><srl< td=""><td></td><td>1</td><td></td><td></td></srl<></td></srl<>	Ü	1	1.00	<srl< td=""><td></td><td>1</td><td></td><td></td></srl<>		1		
Styrene			U	1	0.50	<srl< td=""><td>U</td><td>1</td><td></td><td></td></srl<>	U	1		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			U	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td></td></srl<>		1		
o-Xylene <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 0.50 4-Ethyltoluene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50 1,3,5-Trimethylbenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50 1,2,4-Trimethylbenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50 Benzyl Chloride (a-Chlorotoluene) <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50 1,3-Dichlorobenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50 1,3-Dichlorobenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50 1,4-Dichlorobenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50 1,2-Dichlorobenzene <srl< td=""> U 1<td></td><td></td><td>U</td><td>1</td><td>0.50</td><td><srl< td=""><td></td><td>1</td><td></td><td></td></srl<></td></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<>			U	1	0.50	<srl< td=""><td></td><td>1</td><td></td><td></td></srl<>		1		
4-Ethyltoluene <srl< th=""> U 1 0.50 <srl< th=""> U 1 0.50 0.50 1,3,5-Trimethylbenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50 1,2,4-Trimethylbenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50 Benzyl Chloride (a-Chlorotoluene) <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50 1,3-Dichlorobenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50 1,4-Dichlorobenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50 1,2-Dichlorobenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50 1,2-4-Trichlorobenzene <srl< td=""> U 1 0.50 <srl< td=""> U 1 0.50 0.50 1,2-4-Trichlorobenzene <srl< td=""> U</srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<></srl<>				1	0.50	<srl< td=""><td></td><td>1</td><td></td><td></td></srl<>		1		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			U	. 1	0.50	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td></td></srl<>	U	1	0.50	
1,2,4-Trimethylbenzene				1			U	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene) SRL U 1 0.50 SRL U 1 0.50 0.50 1,3-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,4-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,2-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,2-Trichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,2-Trichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1				i				1	0.50	0.50
1,3-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,4-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,2-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,2-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,2-4-Trichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,2-4-Trichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,2-4-Trichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,3-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,4-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,4-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,4-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,4-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,4-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,4-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,4-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,4-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,4-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,4-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,4-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,4-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,4-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,4-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 0.50 1,4-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 1,4-Dichlorobenzene SRL U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 SRL U 1 0.50 SRL U U 1 0.50 SRL U U U U U U U U U				i i				i	0.50	0.50
1,4-Dichlorobenzene				1				ī		0.50
1.2-Dichlorobenzene				l i				l i		
1.2.4-Trichlorobenzene				 				<u> </u>		0.50
1,2,4-Themototelizetic				l i				1		0.50
ILLEXACTION OUTGOING STREET OF THE STREET OF				1				i i		
DED Supressets Std. 9/ Percentury 909/ 101% 1 70-130%	BFB-Surrogate Std. % Recovery	_\JKL	99%		<u> </u>	-5101/	101%	† 		70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232522

MATRIX : AIR

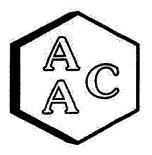
UNITS: PPB (v/v)

DATE RECEIVED: 12/05/2023

DATE REPORTED: 12/07/2023

ANALYST: DL/CH

Client ID		Working Fa	Sample		
AAC ID		232522-52072			Method
Date Sampled		12/05/2023			Reporting
Date Analyzed		12/06/202	3	Limit	Limit
Can Dilution Factor		1,00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Chloromethane	0.54		11	0.50	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
Vinyl Chloride	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Methanol	30.1		1	5.00	5,00
1.3-Butadiene	<srl< td=""><td>Ŭ</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	11	0.50	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethanol	87.8		1	2.00	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0,50</td><td>0,50</td></srl<>	U	1	0,50	0,50
Acetone	29.6		1	2.00	2.00
Trichlorofluoromethane	0.59		1	0.50	0.50
2-Propanol (IPA)	5.17		1	2.00	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1,00</td><td>1.00</td></srl<>	U	1	1,00	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.00</td><td>2.00</td></srl<>	U	1	2.00	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U	1	1.00	1.00
2-Butanone (MEK)	1.44		1	1.00	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Hexane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Chloroform	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
Ethyl Acetate	1.10		1	0.50	0.50
Tetrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0,50</td></srl<>	U	1	0.50	0,50
1.2-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Benzene	<srl< td=""><td>Ü</td><td>ī</td><td>0.50</td><td>0.50</td></srl<>	Ü	ī	0.50	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232522

MATRIX : AIR

UNITS: PPB (v/v)

DATE RECEIVED : 12/05/2023

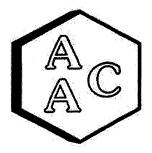
DATE REPORTED: 12/07/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

1.40.70	Working Face			Sample	
AAC ID		232522-52072			Method
Date Sampled		12/05/2023			Reporting
Date Analyzed		12/06/202	3	Limit	Limit
Can Dilution Factor		1.00		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>11</td><td>1.00</td><td>1.00</td></srl<>	U	11	1.00	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>11</td><td>0.50</td><td>0.50</td></srl<>	U	11	0.50	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
trans-1.3-Dichloropropene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Toluene	14.0		1	0.50	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ü</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	Ü	1	1.00	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
m & p-Xvlene	<srl< td=""><td>U.</td><td>1</td><td>1.00</td><td>1.00</td></srl<>	U.	1	1.00	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
o-Xvlene	<srl< td=""><td>U</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	U	1	0.50	0.50
4-Ethyltoluene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ū	1	0.50	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ü	1	0.50	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.50</td><td>0.50</td></srl<>	Ü	i	0.50	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.50</td><td>0.50</td></srl<>	Ŭ	1	0.50	0.50
Hexachlorobutadiene	<srl< td=""><td>Ū</td><td>i i</td><td>0.50</td><td>0.50</td></srl<>	Ū	i i	0.50	0.50
BFB-Surrogate Std. % Recovery	1 300	100%			70-130%





QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 12/06/2023

MATRIX: High Purity N2 UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-04

CALIBRATION STD ID: MS1-112823-01

 $\mathbf{ANALYST}: \mathbf{DL}$

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 11/30/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery 3
4-BFB (surrogate standard)	9.40	9.51	101
Chlorodifluoromethane	10.30	9.87	96
Propene	10.70	9.48	89
Dichlorodifluoromethane	10.40	10.82	104
Dimethyl Ether	10.20	9,49	93
Chloromethane	10.50	9.71	92
Dichlorotetrafluoroethane	10.20	10.20	100
Vinyl Chloride	10.60	10.23	97
Acetaldehyde	21.00	21.37	102
Methanol	19.00	17.95	94
1,3-Butadiene	10.70	10.52	98
Bromomethane	10.40	10.41	100
Chloroethane	10.40	9,36	90
Dichlorofluoromethane	10.20	9.84	96
Ethanol	11.40	10.32	91
Vinyl Bromide	10.10	9.90	98
Acrolein	10.90	10.81	99
Acetone	10.60	10.18	96
Trichlorofluoromethane	10.50	10.55	100
2-Propanol (IPA)	11.00	10.20	93
Acrylonitrile	11.00	11.18	102
1,1-Dichloroethene	10.50	10.35	99
Methylene Chloride (DCM)	10.40	9.86	95
TertButanol (TBA)	11.10	10.52	95
Allyl Chloride	10.20	9.44	93
Carbon Disulfide	10.50	10.22	97
Trichlorotrifluoroethane	10.30	10.06	98
trans-1,2-Dichloroethene	10.80	10.88	101
1,1-Dichloroethane	10.70	10.20	95
Methyl Tert Butyl Ether (MTBE)	10.70	10.19	95
Vinyl Acetate	11.00	10.43	95
2-Butanone (MEK)	10.70	10.15	95
cis-1,2-Dichloroethene	10.70	10.86	101
Hexane	10.80	10.35	96
Chloroform	10.70	10.35	97
Ethyl Acetate	10.70	9.92	93
Tetrahydrofuran	10.40	9.88	95
1,2-Dichloroethane	10.60	10.44	98
1,1,1-Trichloroethane	10.50	10.24	98
Benzene	10.70	10.11	94
Carbon Tetrachloride	10.30	10.04	97
Cyclohexane	10.50	10.01	95

¹ Concentration of analyte compound in certified source standard.	 * - β-Pinene results are estimated

² Measured result from daily Continuing Calibration Verification (CCV).

Analyte Compounds (Continued)	Source 1	CCV ²	% Recovery 3
1,2-Dichloropropane	10.70	9.80	92
Bromodichloromethane	10.50	10.10	96
1,4-Dioxane	10.50	10.07	96
Trichloroethene (TCE)	10.50	10.14	97
2,2,4-Trimethylpentane	10.10	9.32	92
Methyl Methacrylate	11.00	10.44	95
Heptane	10.50	10.14	97
cis-1,3-Dichloropropene	10.50	10.10	96
4-Methyl-2-pentanone (MiBK)	10.50	9.71	92
trans-1,3-Dichloropropene	10,60	10.34	98
1,1,2-Trichloroethane	10.60	10.04	95
Toluene	10.80	10.26	95
2-Hexanone (MBK)	10.50	9.71	92
Dibromochloromethane	10,60	9.99	94
1,2-Dibromoethane	10.60	10.19	96
Tetrachloroethene (PCE)	10.50	10.00	95
Chlorobenzene	10.80	9,93	92
Ethylbenzene	10.60	10.11	95
m & p-Xylene	21.20	19.82	93
Bromoform	10.60	10.15	96
Styrene	10.60	10.21	96
1,1,2,2-Tetrachloroethane	10.60	9.73	92
o-Xylene	10,60	9.98	94
1,2,3-Trichloropropane	11.00	10.73	98
Isopropylbenzene (Cumene)	10.40	9.81	94
α-Pinene	10.80	8,96	83
2-Chlorotoluene	10.30	10.09	98
n-Propylbenzene	10.10	9.58	95
4-Ethyltoluene	10.40	9.83	95
1,3,5-Trimethylbenzene	10.30	9.75	. 95
β-Pinene	10.90	11.62	107
1,2,4-Trimethylbenzene	10.30	9.69	94
Benzyl Chloride (a-Chlorotoluene)	10.30	8.97	87
1,3-Dichlorobenzene	10.30	9,99	97
1,4-Dichlorobenzene	10.20	10,00	98
Sec-ButylBenzene	10.10	9.46	94
1,2-Dichlorobenzene	10.40	10.19	98
n-ButylBenzene	10.30	9.45	- 92
1,2-Dibromo-3-Chloropropane	10.30	9.24	90
1,2,4-Trichlorobenzene	10.50	10.50	100
Naphthalene	10.90	11.31	104
Hexachlorobutadiene	10.80	9.53	88



³ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 12/06/2023

INSTRUMENT ID: GC/MS-04

MATRIX: High Purity N2

CALIBRATION STD ID: MS1-112823-01

UNITS: PPB (v/v)

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

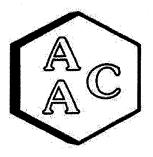
	Sample	Spike	LCS ¹	LCSD 1	LCS ¹	LCSD 1	RPD ³
System Monitoring Compounds	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	KFD
4-BFB (surrogate standard)	0.0	9.40	9.51	9.61	101	102	1.0
1,1-Dichloroethene	0.0	10.50	10.35	10.09	99	96	2.5
Methylene Chloride (DCM)	0.0	10.40	9.86	9.62	95	93	2.5
Benzene	0.0	10.70	10.11	10.18	94	95	0.7
Trichloroethene (TCE)	0.0	10.50	10.14	10.09	97	96	0.5
Toluene	0.0	10.80	10.26	10.33	95	96	0.7
Tetrachloroethene (PCE)	0.0	10.50	10.00	10.16	95	97	1.6
Chlorobenzene	0.0	10.80	9.93	10.18	92	94	2.5
Ethylbenzene	0.0	10.60	10.11	10.30	95	97	1.9
m & p-Xylene	0.0	21.20	19.82	20.18	93	95	1.8
o-Xylene	0.0	10.60	9.98	10.08	94	95	1.0

¹Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)



² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 12/06/2023

MATRIX: High Purity He or N2

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-04

 $\mathbf{ANALYST}:\ \mathbf{DL}$

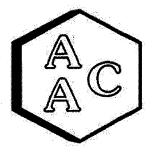
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 120623	Reporting Limit (RL)
4-BFB (surrogate standard)	94%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl.< td=""><td>5.0</td></rl.<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0,5</td></rl<>	0,5
Allyl Chloride	<rl< td=""><td>1.0</td></rl<>	1.0
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
2-Butanone (MEK)	<rl< td=""><td>1.0</td></rl<>	1.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0.5</td></rl<>	0.5
Cyclohexane	<rl< td=""><td>0.5</td></rl<>	0.5

Analyte Compounds (Continued)	MB 120623	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>1.0</td></rl<>	1.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>0,5</td></rl<>	0,5
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>1.0</td></rl<>	1.0
Dibromochloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5





QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 12/06/2023

MATRIX : Air

UNITS : PPB (v/v)

INSTRUMENT ID: GC/MS-04

ANALYST: DL

DILUTION FACTOR¹: x1

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: TO15 CCV

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	9,51	9.61	1.0
Chlorodifluoromethane	9.87	9.42	4.7
Propene	9.48	9.35	1.4
Dichlorodifluoromethane	10.8	10.3	4.8
Dimethyl Ether	9.49	8.53	. 10.7
Chloromethane	9.71	8.74	10.5
Dichlorotetrafluoroethane	10.2	9.78	4.2
Vinyl Chloride	10.2	9.53	7.1
Acetaldehyde	21.4	19.6	8.5
Methanol	18.0	18.7	4.1
1,3-Butadiene	10.5	10.1	4.3
Bromomethane	10.4	9.93	4.7
Chloroethane	9.36	9.12	2.6
Dichlorofluoromethane	9.84	9.38	4.8
Ethanol	10.3	10.3	0.4
Vinyl Bromide	9.90	9.74	1.6
Acrolein	10.8	10.0	7.6
Acetone	10.2	9.54	6.5
Trichlorofluoromethane	10.6	10.1	4.9
2-Propanol (IPA)	10,2	9.73	4.7
Acrylonitrile	11.2	10.8	3.6
1,1-Dichloroethene	10.4	10.1	2.5
Methylene Chloride (DCM)	9.86	9.62	2.5
TertButanol (TBA)	10.5	9.91	6.0
Allyl Chloride	9.44	9.13	3.3
Carbon Disulfide	10.2	9.84	3.8
Trichlorotrifluoroethane	10.1	9,56	5.1
trans-1,2-Dichloroethene	10.9	10.7	1.9
1,1-Dichloroethane	10.2	9.85	3.5
Methyl Tert Butyl Ether (MTBE)	10.2	9.29	9.2
Vinyl Acetate	10.4	10.1	3.5
2-Butanone (MEK)	10.2	9.49	6.7
cis-1,2-Dichloroethene	10.9	10.5	3.7
Hexane	10.4	10.3	0.4
Chloroform	10.4	10.1	2.6
Ethyl Acetate	9.92	9.42	5.2
Tetrahydrofuran	9.88	9.03	9.0
1,2-Dichloroethane	10.4	10.0	3.9
1,1,1-Trichloroethane	10.2	9.88	3.6
Benzene	10.1	10.2	0.7
Carbon Tetrachloride	10.0	10.2	1.4
Cyclohexane	10.0	10.1	1.0

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	9.80	9.78	0.2
Bromodichloromethane	10.1	10.4	2.5
1,4-Dioxane	10.1	9.93	1.4
Trichloroethene (TCE)	10.1	10.1	0.5
2,2,4-Trimethylpentane	9.32	9.25	0.8
Methyl Methacrylate	10.4	10.6	1.7
Heptane	10.1	10.2	0.8
cis-1,3-Dichloropropene	10.1	10.0	0.7
4-Methyl-2-pentanone (MiBK)	9.71	9.71	0.0
trans-1,3-Dichloropropene	10.3	10.3	0.1
1,1,2-Trichloroethane	10.0	10.0	0.2
Toluene	10.3	10.3	0.7
2-Hexanone (MBK)	9.71	9.67	0.4
Dibromochloromethane	9.99	10.6	5.9
1,2-Dibromoethane	10.2	10.0	1.7
Tetrachloroethene (PCE)	10.0	10.2	1.6
Chlorobenzene	9,93	10.2	2,5
Ethylbenzene	10.1	10.3	1.9
m & p-Xylene	19.8	20.2	1.8
Bromoform	10.2	10.4	2.0
Styrene	10.2	10.3	0.8
1,1,2,2-Tetrachloroethane	9.73	9.74	0.1
o-Xylene	9.98	10.1	1.0
1,2,3-Trichloropropane	10.7	10.6	1.5
Isopropylbenzene (Cumene)	9.81	9.93	1.2
α-Pinene	8.96	8.52	5.0
2-Chlorotoluene	10.1	10.3	1.9
n-Propylbenzene	9.58	9.74	1.7
4-Ethyltoluene	9.83	9.94	1.1
1,3,5-Trimethylbenzene	9.75	9.83	0.8
β-Pinene	11.6	10.7	7.9
1,2,4-Trimethylbenzene	9.69	9.99	3.0
Benzyl Chloride (a-Chlorotoluene)	8.97	9.51	5.8
1,3-Dichlorobenzene	9.99	10.4	4.0
1,4-Dichlorobenzene	10.0	10.2	2.2
Sec-ButylBenzene	9.46	9.60	1.5
1,2-Dichlorobenzene	10.2	10.6	. 3.8
n-ButylBenzene	9.45	9,90	4.7
1,2-Dibromo-3-Chloropropane	9.24	9.70	4.9
1,2,4-Trichlorobenzene	10.5	10.8	2.5
Naphthalene	11.3	11.5	1.4
Hexachlorobutadiene	9.53	9,90	3.8

Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.



² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

252522



Signature: Relinquishéd By Signature: Print: Hryan Client Notes/Special Instructions: Relinquished By Client/Company Name SCS ENGINEERS: **Client Sample Name** 🛛 Rush 72 h Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003 Rush 24 h Turnaround Time Project Manager Name PAUL SCHAFER Rush 48 h CHAIN OF CUSTODY AND ANALYSIS REQUEST — Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields. W. Chiquito Cyn X0 X かれる 11.8-12 11-831 11,8,08 M5-07 100-10 102-04 MS-06 Lincoln ☐ Normal □ 5 Days Same Day 52064 52063 57061 27024 (306) 52057 25065 52060 52058 25056 Signature:\ Print: Hrman Sampler Name Project Name **Project Number** Sample ID 01204123.21 TASK 22 CHIQUITA [ON COFF Date Date 12/5 Time & /400 Time Sampling Date 2/2 Signature: Print: Print: Received By Zachary Sampling Signature: Received By 1226 1056 1120 1146 ニュ 1265 1104 253 1127 Time 137 Fediar Type/Qty Container X X X ャ X × X 307.91 SULFUR Smith K ጚ TO-15 FULL LIST X × × X **Analysis Requested** Time Date EDD? Time 1409 Date 175/27 □Yes Send Invoice To (Name/Email/Address) Send Report To (Name/Email/Address) **AAC Project No.:** PO Number pschafer@scsengineers.com rhuff@scsengineers.com

AAC COC Rev 3

Issued 02/04/2021

Page_ <u>'</u>2,

232524

CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Su	ng · Phone: 805	-650-1642 ·	Email: info@	paaclab.com •	1534 Eastr	nan Ave Su	uite A, Ventui	Ventura, CA 93003	AAC Project No.:
Client/Company Name	Project Name					Anal	ysis Requested	ď	Send Report To (Name/Email/Address)
SCS ENGINEERS	CHIQUITA		[VON/OFF]						no hafor@coconcinoore com
PAIII SCHAFFR	Project Number	e (•	Pschaler@scsengmeers.com
	01204123	01204123.21 1ASK 22	2.2			ST		W indows species	rhuft@scsengineers.com
Turnaround Time	Sampler Name	ie			JR	LIS	÷		Sand Invaire To Inama (Email Address)
☐ Rush 24 h ☐ Same Day	Drint:	1 H.			,FU	LLI		•	Jenu IIIvoice IO (Name/cinal/Address)
☐ Rush 48 h ☐ 5 Days		7			UL	UI		William Comm	
	Signature:	at Min	**		1 SI	5 F			PO Number
					'.9])-1:			
Client Sample Name	Sample ID	Date	Sampling	Container Type/Oh/	307	ТО			
MS-01	6400		770 65	Teder		۲			
MS-02	1030		Com	7				-	
MS-03	スト			1	\	,			
W-514	(60)		2008	1	>	×			
143-07	1004		5 206 q	\	*	χ	٠		
×0.08	0936		52070		×	×			
Keact, on	1015		1005		×	×			
Working Face	1040	<u></u>	کد <i>۲۵</i> ۰۵	4	×	X			Section 1
			-						Madi Wali
	,								
client Notes/Special Instructions:			į				EDD?	A 10 (10) See See	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
							□Yes	Name:	
						** 1 4	□N ₀		
Print: Proposition the state of		Date (2/5	Received B	Received By Zachan	2 jung	2	Date (7/5/2		
2		Time /400	Signature:		1/1	,	1 1 1 1 1 2 2		
Reinquished By Print:		Date	Received By	Y			Date		,一直是一种,一种一种一种一种一种一种一种一种一种一种一种一种一种一种一种一种一种一种
Signature:		Time	Signature:						
			4.0.				=		(1) 10 10 10 10 10 10 10 10 10 10 10 10 10



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita [ON / OFF]

PROJECT NUMBER

: 01204123.21 TASK 22

AAC PROJECT NO.

: 232522

REPORT DATE

: 12/07/2023

On December 5th 2023, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Client ID	Lab No.
MS-06	232522-52056	SCV	232522-52065
MS-07	232522-52057	MS-01	232522-52066
MS-08	232522-52058	MS-02	232522-52067
MS-09	232522-52059	MS-03	232522-52068
MS-10	232522-52060	MS-04	232522-52069
MS-11	232522-52061	MS-05	232522-52070
MS-12	232522-52062	Reaction	232522-52071
Chiquita Cyn Rd	232522-52063	Working Face	232522-52072
S End Lincoln	232522-52064		

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

This report consists of 9 pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO. : 232522 MATRIX : AIR UNITS : ppmv

SAMPLING DATE: 12/05/2023 RECEIVING DATE: 12/05/2023 ANALYSIS DATE: 12/05-06/2023

REPORT DATE: 12/07/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09	MS-10	MS-11
AAC ID	232522-52056	232522-52057	232522-52058	232522-52059	232522-52060	232522-52061
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO. : 232522

MATRIX : AIR UNITS : ppmv SAMPLING DATE: 12/05/2023 RECEIVING DATE: 12/05/2023

ANALYSIS DATE: 12/06/2023 REPORT DATE: 12/07/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-12	Chiquita Cyn Rd	S End Lincoln	SCV	MS-01	MS-02
AAC ID	232522-52062	232522-52063	232522-52064	232522-52065	232522-52066	232522-52067
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232522 MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 12/05/2023

RECEIVING DATE: 12/05/2023

ANALYSIS DATE: 12/06/2023 REPORT DATE: 12/07/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-03	MS-04	MS-05	Reaction	Working Face
AAC ID	232522-52068	232522-52069	232522-52070	232522-52071	232522-52072
Analyte	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
COS / SO2	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Carbon Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Isopropyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
tert-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Propyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Methylethylsulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
iso-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Sulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
n-Butyl Mercaptan	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dimethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
3-Methylthiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tetrahydrothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Bromothiophene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Thiophenol	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl Disulfide	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Unidentified Sulfur	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Reduced Sulfurs	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

All unidentified compound's concentrations expressed in terms of H₂S



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 12/5/2023

Analyst: CM/KM Units: ppmV Instrument ID: SCD-BTU

Calb. Date: : 6/13/23

Opening Calibration Verification Standard

0.500 ppbV H2S (SS1 289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	830	0.478	95.6	0.3
Duplicate	826	0.475	95.1	0.8
Triplicate	843	0.485	97.0	1.1
0.548 ppbV H2S (SS1 289)			

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	885	0.538	98.2	2.5
Duplicate	920	0.559	102.1	1.3
Triplicate	919	0.558	102.0	1.2

0.479 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	874	0.482	100.6	2.0
Duplicate	836	0.461	96.2	2.5
Triplicate	862	0.475	99.2	0.5

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< td=""></pql<>

Duplicate Analysis Sample ID 231187-45761

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0

Matrix Spike & Duplicate 231187-45761 x2

Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
Analyte	Conc.	Added	Result	Result	% Rec **	% Rec **	70 KFD
H ₂ S	<pql< td=""><td>0.250</td><td>0.268</td><td>0.253</td><td>107.3</td><td>101.3</td><td>5.8</td></pql<>	0.250	0.268	0.253	107.3	101.3	5.8
MeSH	<pql< td=""><td>0.274</td><td>0.290</td><td>0.294</td><td>105.9</td><td>107.4</td><td>1.4</td></pql<>	0.274	0.290	0.294	105.9	107.4	1.4
DMS	<pql< td=""><td>0.240</td><td>0.235</td><td>0.233</td><td>98.1</td><td>97.3</td><td>0.9</td></pql<>	0.240	0.235	0.233	98.1	97.3	0.9

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.500	0.485	97.0
MeSH	0.548	0.558	101.9
DMS	0.479	0.445	92.9

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.

PQL = 50.0 ppbV

MDL = 1.1 ppbV



Quality Control/Quality Assurance Report **SCAQMD 307.91**

Date Analyzed: 12/6/2023 Analyst: CM/KM Units: ppmV

Instrument ID: SCD-BTU Calb. Date: : 6/13/23

Opening Calibration Verification Standard

0.500 ppbV H2S (SS1289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	875	0.503	100.7	0.4
Duplicate	859	0.494	98.9	1.5
Triplicate	881	0.507	101.5	1.1

0.548 ppbV H2S (SS1289)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	900	0.547	99,9	0.4
Duplicate	890	0,541	98.8	0.7
Triplicate	898	0.546	99.7	0.2

0.479 ppbV H2S (SS1 289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	892	0.492	102.7	1.5
Duplicate	876	0.483	100.8	0.3
Triplicate	868	0.479	99.9	1.2

Method Blank

Analyte	Result
H ₂ S	<pql< th=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< th=""></pql<>

Duplicate Analysis	<u>s</u>		Sample ID	231187-45761
	C 1.	TO 11. /		

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< th=""><th><pql< th=""><th>0.000</th><th>0.0</th></pql<></th></pql<>	<pql< th=""><th>0.000</th><th>0.0</th></pql<>	0.000	0.0
MeSH	<pql< th=""><th><pql< th=""><th>0.000</th><th>0.0</th></pql<></th></pql<>	<pql< th=""><th>0.000</th><th>0.0</th></pql<>	0.000	0.0
DMS	<pql< th=""><th><pql< th=""><th>0.000</th><th>0.0</th></pql<></th></pql<>	<pql< th=""><th>0.000</th><th>0.0</th></pql<>	0.000	0.0

231187-45761 x2 Matrix Spike & Duplicate

Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
Analyte	Conc.	Added	Result	Result	% Rec **	% Rec **	70 Kt D
H ₂ S	<pql< td=""><td>0.250</td><td>0.257</td><td>0.254</td><td>102.9</td><td>101.7</td><td>1.2</td></pql<>	0.250	0.257	0.254	102.9	101.7	1.2
MeSH	<pql< td=""><td>0.274</td><td>0.275</td><td>0.273</td><td>100.5</td><td>99.7</td><td>0.7</td></pql<>	0.274	0.275	0.273	100.5	99.7	0.7
DMS	<pql< td=""><td>0.240</td><td>0.246</td><td>0.256</td><td>102.7</td><td>106.9</td><td>4.0</td></pql<>	0.240	0.246	0.256	102.7	106.9	4.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.500	0.485	97.0
MeSH	0.548	0.572	104.5
DMS	0.479	0.465	97.1

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD from Mean result.

PQL = 50.0 ppbV MDL = 1.1 ppbV



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 12/6/2023

Analyst: KM Units: ppbV Instrument ID: SCD#10 Calb. Date: : 07/11/2022

Opening Calibration Verification Standard

499.8 ppbV H2S (SS1289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1915	519	104.0	2.4
Duplicate	1898	515	103.0	1.5
Triplicate	1797	487	97.5	3.9
547 5 pphV H2S (\$\$1280	1			

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2354	546	99.7	1.2
Duplicate	2391	554	101.3	0.4
Triplicate	2400	557	101.7	0.8

479.0 ppbV H2S (SSI 289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2629	497	103.8	2.2
Duplicate	2492	471	98.4	3.1
Triplicate	2594	490	102.4	0.9

Method Blank

Analyte	Result
H ₂ S	<pql< td=""></pql<>
MeSH	<pql< td=""></pql<>
DMS	<pql< td=""></pql<>

Duplicate Analysis Sample ID 231187-45761

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0

Matrix Spike & Duplicate Sample ID 231438-46986 x2

Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
Analyte	Conc.	Added	Result	Result	% Rec **	% Rec **	70 KFD
H ₂ S	<pql< td=""><td>249.9</td><td>231.0</td><td>249.6</td><td>92.5</td><td>99.9</td><td>7.7</td></pql<>	249.9	231.0	249.6	92.5	99.9	7.7
MeSH	<pql< td=""><td>273.8</td><td>264.6</td><td>271.2</td><td>96.7</td><td>99.1</td><td>2.5</td></pql<>	273.8	264.6	271.2	96.7	99.1	2.5
DMS	<pql< td=""><td>239.5</td><td>262.3</td><td>254.0</td><td>109.5</td><td>106.1</td><td>3.2</td></pql<>	239.5	262.3	254.0	109.5	106.1	3.2

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	499.8	531.5	106.4
MeSH	547.5	581.4	106.2
DMS	479.0	514.5	107.4

^{*}Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD fro. ssAS

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbVDMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV

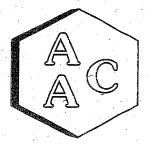
252522

CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Conculti	*** . Dhama, one									<
Client/Company Name Project No.	Designation and	. 74aT-0co	Email: into@aa	aclab.com ·	1534 Eastm	an Ave Su	ite A, Ventu	A, Ventura, CA 93003		AAC Project No.:
SCS ENGINEERS	CHIOUITA		ON OFF			Analy	lysis Requested	ed		Send Report To (Name/Email/Address)
Project Manager Name PAUL SCHAFER	Project Number	· .								pschafer@scsengineers.com
Turnaround Time	OTEOTIES: A LINUX 44	7 MOUT	64			ST	The state of the s			rhuff@scsengineers.com
	sampier Name				JR	LI		*****	. 1	7
	Print: Armond	Ö	Hurtalla		FU	L 1				Send Invoice To (Name/Email/Address)
Rush 48 h 5 Days)/,	`	7	-	JL	JL				
Rush 72 h □ Normal	Signature:	1	THE COUNTY		SU	5 FU				PO Number
Client Sample Name		Sampling	\dashv		7.9)-1	eplerier ibra		4.4	
Circle Sample Name	Sample ID	Date	<u>م</u>	Container	307	ГО	**********		499	
W2-06	1300	10/6	71	/ype/uny					148.5	
N×-07	2 3	, II	9771	-	×	۲				
20.0x	1000	_	1056	1	Y	× 			oge-d	DUPS
W V -00	22028		(127	1	×	×			de:	
113.10	14000		1137		*	×			Manual	
15-11	24060		1265	1	×	*			100	
11.8-12	0 700		1288	\	×	メ —			real :	
のかようら	1905		1120	1	*	X				
V. 1 11	32063		1104	1	×	×			· V	
N.C.A. CHEOM	1,007		11114	1	×	X			ajarja di	
	0000	4	1146	4	×	×				
				1					5.54	
Client Notes/Special Instructions:								-		
1							EDD?			
						· · · · · · · · · · · · · · · · · · ·	□Yes	Š		
uished By		Date 17/2	Received By	7						
Signature: Lal Must	- Allendrichts pon	14/5	Print:	acham	mith.		Date 1/5/2			
Relinquished By		Date	Signature:				Time (40%)			
Signature.			Print:	,			Date			
	- 1	Time	Signature:				Time			
								A	STATE OF THE PARTY	さいしょうしょう こうしゅんけん かんしゅうしゅうしゅう かんしゅうしゅうしゅう

CHAIN OF CUSTODY AND ANALYSIS REQUEST -- Chain of Custody is a LEGAL DOCUMENT. Complete all relev

Barrier B. B. B. B. B. B. B. B. B. B. B. B. B.				Cuckout in a c	10000	DIAICIA!. CO	infried an Tele	בובעמוול ווכועס	Ÿ.	<
Authospheric Analysis and Consulting • Phone: 805-650-1642 • Email: info@aaclab.com • 1534 Eastman Ave Su	ng · Phone: 805	-650-1642 · I	Email: info@	aaclab.com ·	1534 Eastn	nan Ave Su	ite A, Ventura, CA 93003	ıra, CA 930		AAC Project No.:
SCS FUGINEERS	Project Name)			Analy	ysis Requested	ted		Send Report To (Name/Email/Address)
Project Manager Name	Project Number	· _								pschafer@scsengineers.com
FAULSCHAFEK	01204123.	01204123.21 TASK 22	2			Г				rhuff@scsengineers.com
Turnaround Time	Sampler Name	Ō			JR	LIS'				and Invited To the Control of the Co
חר	Print: Hrugues	inde Hor	bade		LFU	LL				erre marener i e (name/enlan/Address)
☑ Rush 72 h ☐ Normal	Signature:	A William	1		SU	5 FU			erverer verenere	PO Number
		Sampling			7.9)-1	·			
Cliem Sample Name	Sample ID	Date	sampling Time	Container Type/Oty	307	ТО			and the same	
W8-01	647	12/5	52066	Pedar	×	۲			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
MS-02	1030		52067	7	x	<			ie des	
MS-03	1235		2006		X	×			. (2.49)	
h0-8W	1004		12069		*	χ	-		in a series	
S0.8W	0936		52070		×	X				
Keaction	1015		15071		X	X			er 45 er	Section and Property of the Pr
Working face	1040	6	52072	+	×	<			HAVE B	
									ં લોક	
									E-Lipon a 4	The library
									5.20	
Client Notes/Special Instructions:										
							EDD? □Yes			
						Wheel and the second	ONO			
Print: Brygande Hurbedo		Date (2/5	Received B	Received By Zacham	Simil S	2	Date (7/5/2	200		
Signature: You Wight		Time /400	Signature:		1/1		1 2 2			
Print:		Date	Received By	Y			Date			
Signature:		Time	Signature:				ļ			
			ognachie:				Time			



CLIENT

: SCS Engineers

PROJECT NAME PROJECT NO.

Chiquita ON/OFF : 01204123.21 TASK 22

AAC PROJECT NO.

232585

REPORT DATE

: 12/14/2023

On December 12, 2023, Atmospheric Analysis & Consulting, Inc. received seventeen (17) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Return Pressure (mmHga)	Client ID	Lab ID	Return Pressure (mmHga)
MS-06	232585-52467	237.5	SCV	232585-52476	736.0
MS-07	232585-52468	719.5	MS-01	232585-52477	718.5
MS-08	232585-52469	742.0	MS-02	232585-52478	715.0
MS-09	232585-52470	736.0	MS-03	232585-52479	719.0
MS-10	232585-52471	752.5	MS-04	232585-52480	704.0
MS-11	232585-52472	687.0	MS-05	232585-52481	669.5
MS-12	232585-52473	739.5	Reaction	232585-52482	711.5
Chiquito Cyn Rd	232585-52474	767.5	Working Face	232585-52483	720.5
S End Lincoln	232585-52475	739.0			· · · · · · · · · · · · · · · · · · ·

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

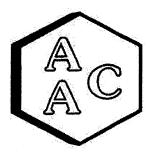
If you have any questions or require further explanation of data results, please contact the undersigned.

Technical Director

This report consists of 25 pages.

Page 1





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232585 MATRIX : AIR

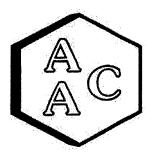
UNITS: PPB (v/v)

DATE RECEIVED: 12/12/2023

DATE REPORTED: 12/14/2023

ANALYST: DL/CH

Client ID		MS-06	1180000	Sample		MS-07		Sample	
AAC ID		232585-524	67			232585-524		Reporting	Method
Date Sampled		12/12/202		Reporting		12/12/202			Reporting
Date Analyzed		12/13/202	3	Limit		12/13/202	3	Limit	Limit
Can Dilution Factor		4.30] (SRL) [1.42	,	(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>11</td><td>2.15</td><td><srl< td=""><td>Ü</td><td>11</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	11	2.15	<srl< td=""><td>Ü</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	Ü	11	0.71	0.50
Propene	<srl< td=""><td>U</td><td>11</td><td>4.30</td><td><srl< td=""><td>U</td><td>11</td><td>1.42</td><td>1.00</td></srl<></td></srl<>	U	11	4.30	<srl< td=""><td>U</td><td>11</td><td>1.42</td><td>1.00</td></srl<>	U	11	1.42	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>11</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	11	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>11</td><td>2.15</td><td><srl< td=""><td>U</td><td>11</td><td>0,71</td><td>0.50</td></srl<></td></srl<>	U	11	2.15	<srl< td=""><td>U</td><td>11</td><td>0,71</td><td>0.50</td></srl<>	U	11	0,71	0.50
Methanol	<srl< td=""><td>U</td><td>11</td><td>21.5</td><td>10.8</td><td></td><td>1</td><td>7.10</td><td>5,00</td></srl<>	U	11	21.5	10.8		1	7.10	5,00
1,3-Butadiene	<srl< td=""><td>U</td><td>11</td><td>2.15</td><td><srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	11	2.15	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
Bromomethane	<srl< td=""><td>U</td><td>11</td><td>2.00</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	11	2.00	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0,71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0,71</td><td>0.50</td></srl<>	U	1	0,71	0.50
Ethanol	<srl< td=""><td>U</td><td>1</td><td>8.61</td><td>42.9</td><td></td><td>11</td><td>2.84</td><td>2.00</td></srl<>	U	1	8.61	42.9		11	2.84	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
Acetone	<srl< td=""><td>U</td><td>1</td><td>8.61</td><td>7.22</td><td></td><td>11</td><td>2.84</td><td>2.00</td></srl<>	U	1	8.61	7.22		11	2.84	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>2,15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2,15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>8.61</td><td><srl< td=""><td>U</td><td>1</td><td>2.84</td><td>2.00</td></srl<></td></srl<>	U	1	8.61	<srl< td=""><td>U</td><td>1</td><td>2.84</td><td>2.00</td></srl<>	U	1	2.84	2.00
Acrylonitrile	<srl< td=""><td>Ŭ</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
1.1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>4.30</td><td><srl< td=""><td>U</td><td>1</td><td>1.42</td><td>1.00</td></srl<></td></srl<>	U	1	4.30	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td>1.00</td></srl<>	U	1	1.42	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>4.30</td><td><srl< td=""><td>U</td><td>11</td><td>1.42</td><td>1.00</td></srl<></td></srl<>	U	1	4.30	<srl< td=""><td>U</td><td>11</td><td>1.42</td><td>1.00</td></srl<>	U	11	1.42	1.00
Carbon Disulfide	<srl< td=""><td>Ŭ</td><td>1</td><td>8.61</td><td><srl< td=""><td>U</td><td>1</td><td>2.84</td><td>2.00</td></srl<></td></srl<>	Ŭ	1	8.61	<srl< td=""><td>U</td><td>1</td><td>2.84</td><td>2.00</td></srl<>	U	1	2.84	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ü</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ü	1	2.15	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ŭ</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
1,1-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ū	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ū</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ū	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Vinyl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>4.30</td><td><srl< td=""><td>U</td><td>1</td><td>1.42</td><td>1.00</td></srl<></td></srl<>	Ū	1	4.30	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td>1.00</td></srl<>	U	1	1.42	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>4.30</td><td><srl< td=""><td>U</td><td>1</td><td>1.42</td><td>1.00</td></srl<></td></srl<>	U	1	4.30	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td>1.00</td></srl<>	U	1	1.42	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Hexane	<srl< td=""><td>Ū</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ū	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Ethyl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ū	1	2.15	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>1</td><td>2.15</td><td>0.75</td><td></td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	2.15	0.75		1	0.71	0.50
1,2-Dichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ü	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>2.15</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ü	1	2.15	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ū	1	0.71	0.50
Benzene	<srl< td=""><td>Ŭ</td><td>i</td><td>2.15</td><td>0.77</td><td></td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ŭ	i	2.15	0.77		1	0.71	0.50
Denzene	L	<u> </u>	L		<u> </u>		·		



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232585

MATRIX : AIR UNITS: PPB (v/v)

DATE RECEIVED: 12/12/2023

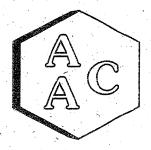
DATE REPORTED: 12/14/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-06		Sample		MS-07		Sample	
AAC ID		232585-524		Reporting		232585-524		Reporting	Method
Date Sampled		12/12/202	3			12/12/202		Limit	Reporting
Date Analyzed		12/13/202	3	Limit		12/13/202	3		Limit
Can Dilution Factor		4.30		(SRL)		1.42		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0,50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0,50</td></srl<>	U	1	0.71	0,50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
Bromodichloromethane	<srl_< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl_<>	U	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
1,4-Dioxane	<srl< td=""><td>Ü</td><td>1</td><td>4.30</td><td><srl< td=""><td>U</td><td>11</td><td>1.42</td><td>1.00</td></srl<></td></srl<>	Ü	1	4.30	<srl< td=""><td>U</td><td>11</td><td>1.42</td><td>1.00</td></srl<>	U	11	1.42	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>11</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	11	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>4.30</td><td><srl< td=""><td>U</td><td>1</td><td>1.42</td><td>1.00</td></srl<></td></srl<>	U	1	4.30	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td>1.00</td></srl<>	U	1	1.42	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>2,15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0,50</td></srl<></td></srl<>	U	1	2,15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0,50</td></srl<>	U	1	0.71	0,50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>4.30</td><td><srl_< td=""><td>U</td><td>1</td><td>1.42</td><td>1.00</td></srl_<></td></srl<>	U	1	4.30	<srl_< td=""><td>U</td><td>1</td><td>1.42</td><td>1.00</td></srl_<>	U	1	1.42	1.00
Bromoform	<srl< td=""><td>Ū</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ū	1	2.15	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
o-Xvlene	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>Ŭ</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ŭ	1	0.71	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ü	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl .<="" td=""><td>Ü</td><td>i</td><td>2.15</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl>	Ü	i	2.15	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.71	0.50
1,3-Dichlorobenzene	<srl< td=""><td>U</td><td>i i</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	i i	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ū</td><td>i</td><td>2,15</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ū	i	2,15	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.71	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>2.15</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0,50</td></srl<></td></srl<>	Ŭ	1	2.15	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0,50</td></srl<>	Ü	1	0.71	0,50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ü	i	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>i</td><td>2.15</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ü	i	2.15	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
BFB-Surrogate Std. % Recovery		96%		7		99%			70-130%





Laboratory Analysis Report

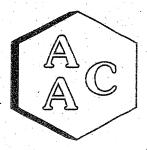
CLIENT: SCS Engineers
PROJECT NO: 232585

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/12/2023

DATE REPORTED: 12/14/2023 ANALYST: DL/CH

Client ID AAC ID		MS-08 232585-52	169	Sample		MS-09 232585-524	170	Sample	Method
Date Sampled	4. 1	12/12/202		Reporting		12/12/202		Reporting	
Date Analyzed	1	12/13/202		Limit		12/13/202		Limit	Reporting
Can Dilution Factor	1	1.37		(SRL)		1.39	<i>.</i>	(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(SRL) (MRLxDF's)	(MRL)
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>I II</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>I II</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	I II	1	0.69	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.37</td><td><srl< td=""><td>Ū.</td><td>1</td><td>1.39</td><td>1.00</td></srl<></td></srl<>	U	1	1.37	<srl< td=""><td>Ū.</td><td>1</td><td>1.39</td><td>1.00</td></srl<>	Ū.	1	1.39	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ŭ</td><td>i</td><td>0.69</td><td>0.50</td></srl<>	Ŭ	i	0.69	0.50
Chloromethane	<srl< td=""><td>U</td><td>1 .</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1.</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1 .	0.69	<srl< td=""><td>Ü</td><td>1.</td><td>0.69</td><td>0.50</td></srl<>	Ü	1.	0.69	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>- i -</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ü</td><td>- i -</td><td>0.69</td><td>0.50</td></srl<>	Ü	- i -	0.69	0.50
Vinyl Chloride	<srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.69	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
Methanol	28.0		1	6.87	18.0	- 	- 1	6.93	5.00
1,3-Butadiene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ū</td><td>1 .</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ū</td><td>1 .</td><td>0.69</td><td>0.50</td></srl<>	Ū	1 .	0.69	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ŭ	1	0.69	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
Ethanol	<srl< td=""><td>U</td><td>ı</td><td>2.75</td><td>4.64</td><td></td><td>1</td><td>2.77</td><td>2.00</td></srl<>	U	ı	2.75	4.64		1	2.77	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>ŢJ</td><td>- 1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>ŢJ</td><td>- 1</td><td>0.69</td><td>0.50</td></srl<>	ŢJ	- 1	0.69	0.50
Acetone	3.53		1.	2.75	50.4		1	2.77	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U .</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U .</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U .	1	0.69	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>2.75</td><td>≺SRL</td><td>U</td><td>1</td><td>2.77</td><td>2.00</td></srl<>	U	1	2.75	≺SRL	U	1	2.77	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>i</td><td>0.69</td><td><srl< td=""><td>u l</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	i	0.69	<srl< td=""><td>u l</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	u l	1	0.69	0.50
1,1-Dichloroethene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td><srl< td=""><td>. U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.69	<srl< td=""><td>. U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	. U	1	0.69	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.37</td><td>3.78</td><td></td><td></td><td>1.39</td><td>1.00</td></srl<>	U	1	1.37	3.78			1.39	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.37</td><td><srl< td=""><td>U</td><td>1</td><td>1.39</td><td>1.00</td></srl<></td></srl<>	U	1	1.37	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td>1.00</td></srl<>	U	1	1.39	1.00
Carbon Disulfide	<srl< td=""><td>Ü</td><td>. 1</td><td>2.75</td><td><srl< td=""><td>Ü</td><td>1</td><td>2.77</td><td>2.00</td></srl<></td></srl<>	Ü	. 1	2.75	<srl< td=""><td>Ü</td><td>1</td><td>2.77</td><td>2.00</td></srl<>	Ü	1	2.77	2.00
Crichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>TI I</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>TI I</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	TI I	1	0.69	0.50
rans-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ŭ.</td><td>- i - i</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ŭ.</td><td>- i - i</td><td>0.69</td><td>0.50</td></srl<>	Ŭ.	- i - i	0.69	0.50
,1-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.69	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>i</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>- 1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	i	0.69	<srl< td=""><td>Ü</td><td>- 1</td><td>0.69</td><td>0.50</td></srl<>	Ü	- 1	0.69	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.37</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.39</td><td>1.00</td></srl<></td></srl<>	U	1	1.37	<srl< td=""><td>Ü</td><td>1</td><td>1.39</td><td>1.00</td></srl<>	Ü	1	1.39	1.00
-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.37</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.39</td><td>1.00</td></srl<></td></srl<>	U	1	1.37	<srl< td=""><td>Ü</td><td>1</td><td>1.39</td><td>1.00</td></srl<>	Ü	1	1.39	1.00
is-1,2-Dichloroethene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td></td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.69	<srl< td=""><td>Ü</td><td></td><td>0.69</td><td>0.50</td></srl<>	Ü		0.69	0.50
Iexane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>- i</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ü</td><td>- i</td><td>0.69</td><td>0.50</td></srl<>	Ü	- i	0.69	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>· Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>· Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	· Ü	1	0.69	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
etrahydrofuran etrahydrofuran	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>ŭ</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>ŭ</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	ŭ	1	0.69	0.50
,2-Dichloroethane	<srl< td=""><td>U .</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U .	1	0.69	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
,1,1-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
enzene	<srl< td=""><td>U /</td><td>1</td><td>0.69</td><td><srl< td=""><td>U · l</td><td>+ +</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U /	1	0.69	<srl< td=""><td>U · l</td><td>+ +</td><td>0.69</td><td>0.50</td></srl<>	U · l	+ +	0.69	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers PROJECT NO: 232585

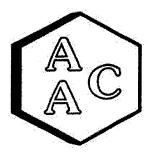
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 12/12/2023

DATE REPORTED : 12/14/2023

ANALYST: DL/CH

Client ID		MS-08				MS-09			
AAC ID		232585-524	169	Sample		232585-524	170	Sample	Method
Date Sampled		12/12/202		Reporting		12/12/202		Reporting	
Date Analyzed		12/13/202	3	Limit		12/13/202		Limit	Reporting
Can Dilution Factor		1.37		(SRL)		1.39		(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.60</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.60</td><td>0.50</td></srl<>	U	1	0.60	0.50
Cyclohexane	<srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1 /</td><td>0.69 0.69</td><td></td></srl<></td></srl<>	Ū	1	0.69	<srl< td=""><td>U</td><td>1 /</td><td>0.69 0.69</td><td></td></srl<>	U	1 /	0.69 0.69	
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>Î</td><td>1.37</td><td><srl< td=""><td>Ü</td><td>-</td><td>1.39</td><td>0.50</td></srl<></td></srl<>	U	Î	1.37	<srl< td=""><td>Ü</td><td>-</td><td>1.39</td><td>0.50</td></srl<>	Ü	-	1.39	0.50
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1 1</td><td>0.69</td><td>1.00</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ü</td><td>1 1</td><td>0.69</td><td>1.00</td></srl<>	Ü	1 1	0.69	1.00
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ü</td><td>1</td><td></td><td>0.50</td></srl<>	Ü	1		0.50
Heptane	<srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69 0.69</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.69	<srl< td=""><td>Ü</td><td>1</td><td>0.69 0.69</td><td>0.50</td></srl<>	Ü	1	0.69 0.69	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td><srl< td=""><td>U.</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	Ū	1	0.69	<srl< td=""><td>U.</td><td>1</td><td></td><td>0.50</td></srl<>	U.	1		0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>. U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	. U	1	0.69	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>Ü.</td><td>1 .</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ü.	1 .	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ü :</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ü :	1	0.69	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
Toluene	<srl< td=""><td>Ü</td><td>i</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.69	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ū</td><td>î</td><td>1.37</td><td><srl< td=""><td>· Ü</td><td></td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ū	î	1.37	<srl< td=""><td>· Ü</td><td></td><td>0.69</td><td>0.50</td></srl<>	· Ü		0.69	0.50
Dibromochloromethane	<srl< td=""><td>Ü</td><td>î</td><td>0.69</td><td><srl< td=""><td>U -</td><td></td><td>1.39</td><td>1.00</td></srl<></td></srl<>	Ü	î	0.69	<srl< td=""><td>U -</td><td></td><td>1.39</td><td>1.00</td></srl<>	U -		1.39	1.00
1,2-Dibromoethane	<srl< td=""><td>U</td><td>Î</td><td>0.69</td><td><srl< td=""><td>Ü</td><td></td><td>0.69 0.69</td><td>0.50</td></srl<></td></srl<>	U	Î	0.69	<srl< td=""><td>Ü</td><td></td><td>0.69 0.69</td><td>0.50</td></srl<>	Ü		0.69 0.69	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ŭ</td><td></td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ŭ</td><td></td><td></td><td>0.50</td></srl<>	Ŭ			0.50
Chlorobenzene	<srl< td=""><td>· U</td><td>i</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	· U	i	0.69	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
Ethylbenzene	<srl< td=""><td>Ü</td><td>1 1</td><td>0.69</td><td><srl< td=""><td>U</td><td>- 1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ü	1 1	0.69	<srl< td=""><td>U</td><td>- 1</td><td>0.69</td><td>0.50</td></srl<>	U	- 1	0.69	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>i</td><td>1.37</td><td><srl< td=""><td>Ti I</td><td></td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	i	1.37	<srl< td=""><td>Ti I</td><td></td><td>0.69</td><td>0.50</td></srl<>	Ti I		0.69	0.50
Bromoform	<srl< td=""><td>Ü</td><td>i</td><td>0.69</td><td><srl< td=""><td>- U</td><td></td><td>1.39</td><td>1.00</td></srl<></td></srl<>	Ü	i	0.69	<srl< td=""><td>- U</td><td></td><td>1.39</td><td>1.00</td></srl<>	- U		1.39	1.00
Styrene	<srl< td=""><td>U</td><td>i</td><td>0.69</td><td>SRL SRL</td><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	i	0.69	SRL SRL	Ü	1	0.69	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td><srl< td=""><td>U.</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.69	<srl< td=""><td>U.</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U.	1	0.69	0.50
o-Xylene	<srl< td=""><td>Ü</td><td>i</td><td>0.69</td><td>SRL SRL</td><td>U</td><td></td><td>0.69</td><td>0.50</td></srl<>	Ü	i	0.69	SRL SRL	U		0.69	0.50
4-Ethyltoluene	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>Ü.</td><td>+</td><td>0.69</td><td>SRL SRL</td><td></td><td></td><td>0.69</td><td>0.50</td></srl<>	Ü.	+	0.69	SRL SRL			0.69	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>!</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.69	<srl< td=""><td>U</td><td>!</td><td>0.69</td><td>0.50</td></srl<>	U	!	0.69	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>- 1</td><td>0.69</td><td><srl td="" <=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl></td></srl<>	Ü	- 1	0.69	<srl td="" <=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl>	U	1	0.69	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ŭ l</td><td>1</td><td>0.69</td><td><srl <srl< td=""><td>U</td><td>_ </td><td>0.69</td><td>0.50</td></srl<></srl </td></srl<>	Ŭ l	1	0.69	<srl <srl< td=""><td>U</td><td>_ </td><td>0.69</td><td>0.50</td></srl<></srl 	U	_	0.69	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td><srl< td=""><td></td><td></td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.69	<srl< td=""><td></td><td></td><td>0.69</td><td>0.50</td></srl<>			0.69	0.50
1,2-Dichlorobenzene	<srl< td=""><td>TI I</td><td>1</td><td>0.69</td><td><srl td="" <=""><td>U</td><td></td><td>0.69</td><td>0.50</td></srl></td></srl<>	TI I	1	0.69	<srl td="" <=""><td>U</td><td></td><td>0.69</td><td>0.50</td></srl>	U		0.69	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>u l</td><td>1 1</td><td>0.69</td><td></td><td>U</td><td></td><td>0.69</td><td>0.50</td></srl<>	u l	1 1	0.69		U		0.69	0.50
Hexachlorobutadiene	<srl< td=""><td>- 11 - 1</td><td>1 -</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	- 11 - 1	1 -	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
BFB-Surrogate Std. % Recovery	1	97%		0.09	<srl< td=""><td></td><td></td><td>0.69</td><td>0.50</td></srl<>			0.69	0.50
U - Compound was not detected at or above the	e SRI.				L	97%			70-130%



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232585

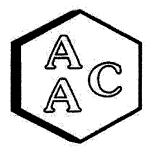
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 12/12/2023

DATE REPORTED: 12/14/2023

ANALYST: DL/CH

Client ID		MS-10		Sample		MS-11		Sample	
AAC ID		232585-524				232585-524			Method
Date Sampled		12/12/202	3	Reporting		12/12/202		Reporting	Reporting
Date Analyzed		12/13/202	3	Limit		12/13/202	3	Limit	Limit
Can Dilution Factor		1.36		[(SRL)		1.49		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1,36</td><td><srl< td=""><td>U</td><td>1</td><td>1.49</td><td>1.00</td></srl<></td></srl<>	U	1	1,36	<srl< td=""><td>U</td><td>1</td><td>1.49</td><td>1.00</td></srl<>	U	1	1.49	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Chloromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Vinvl Chloride	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Methanol	<srl< td=""><td>Ū</td><td>11</td><td>6.79</td><td><srl< td=""><td>U</td><td>1</td><td>7.44</td><td>5.00</td></srl<></td></srl<>	Ū	11	6.79	<srl< td=""><td>U</td><td>1</td><td>7.44</td><td>5.00</td></srl<>	U	1	7.44	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0,68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0,68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Dichlorofluoromethane	<srl< td=""><td>Ü.</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü.	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Ethanol	10.1		1	2.72	7.69		1	2.98	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Acetone	18.6		1	2.72	<srl< td=""><td>U</td><td>1</td><td>2.98</td><td>2.00</td></srl<>	U	1	2.98	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>i</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	i	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>i</td><td>2.72</td><td><srl< td=""><td>U</td><td>1</td><td>2.98</td><td>2.00</td></srl<></td></srl<>	U	i	2.72	<srl< td=""><td>U</td><td>1</td><td>2.98</td><td>2.00</td></srl<>	U	1	2.98	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
1.1-Dichloroethene	<srl< td=""><td>Ū</td><td>i</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ü</td><td>1</td><td>1.36</td><td><srl< td=""><td>U</td><td>1</td><td>1.49</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.36	<srl< td=""><td>U</td><td>1</td><td>1.49</td><td>1.00</td></srl<>	U	1	1.49	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>i</td><td>1.36</td><td><srl< td=""><td>U</td><td>1</td><td>1.49</td><td>1.00</td></srl<></td></srl<>	U	i	1.36	<srl< td=""><td>U</td><td>1</td><td>1.49</td><td>1.00</td></srl<>	U	1	1.49	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.72</td><td><srl< td=""><td>U</td><td>1</td><td>2.98</td><td>2.00</td></srl<></td></srl<>	U	1	2.72	<srl< td=""><td>U</td><td>1</td><td>2.98</td><td>2.00</td></srl<>	U	1	2.98	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Vinvl Acetate	<srl< td=""><td>Ū</td><td>1</td><td>1.36</td><td><srl< td=""><td>U</td><td>1</td><td>1.49</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.36	<srl< td=""><td>U</td><td>1</td><td>1.49</td><td>1.00</td></srl<>	U	1	1.49	1.00
2-Butanone (MEK)	<srl< td=""><td>Ū</td><td>1</td><td>1.36</td><td><srl< td=""><td>U</td><td>1</td><td>1.49</td><td>1,00</td></srl<></td></srl<>	Ū	1	1.36	<srl< td=""><td>U</td><td>1</td><td>1.49</td><td>1,00</td></srl<>	U	1	1.49	1,00
cis-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>i</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	Ü	1	0.74	0.50
Hexane	<srl< td=""><td>Ü</td><td>i</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	Ü	1	0.74	0.50
Chloroform	<srl< td=""><td>Ŭ</td><td>i</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	Ü	1	0.74	0.50
Ethyl Acetate	<srl< td=""><td>Ū</td><td>i i</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ū	i i	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	Ü	1	0.74	0.50
Tetrahydrofuran	<srl< td=""><td>Ū</td><td>i</td><td>0.68</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.68	<srl< td=""><td>Ŭ</td><td>i</td><td>0.74</td><td>0.50</td></srl<>	Ŭ	i	0.74	0.50
1.2-Dichloroethane	<srl< td=""><td>Ŭ</td><td>i</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.68	<srl< td=""><td>Ü</td><td>i</td><td>0.74</td><td>0.50</td></srl<>	Ü	i	0.74	0.50
1.1.1-Trichloroethane	SRL	Ü	i	0.68	<srl< td=""><td>Ŭ</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	Ŭ	1	0.74	0.50
Benzene	SRL SRL	Ü	i	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	Ü	1	0.74	0.50
Delizero	1 -51(1)		I	V.50	LICE	·	<u> </u>		



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232585

MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED: 12/12/2023

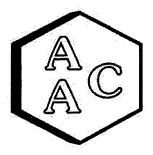
DATE REPORTED: 12/14/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-10	61	Sample		MS-11 232585-524	72	Sample	Method
AAC ID		232585-524 12/12/202		Reporting		12/12/202		Reporting	Reporting
Date Sampled		12/12/202		Limit		12/13/202		Limit	
Date Analyzed		1,36	3	(SRL)		1.49	<u> </u>	(SRL)	Limit
Can Dilution Factor			f			1		(MRLxDF's)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	<u> </u>	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74 0.74</td><td>0.50 0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74 0.74</td><td>0.50 0.50</td></srl<>	U	1	0.74 0.74	0.50 0.50
Cyclohexane	<srl< td=""><td>U</td><td><u> </u></td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	<u> </u>	0.68	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td><u> </u></td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td><u> </u></td><td>0.74</td><td>0.50</td></srl<>	U	<u> </u>	0.74	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ŭ.</td><td></td><td>0.74</td><td>1.00</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>Ŭ.</td><td></td><td>0.74</td><td>1.00</td></srl<>	Ŭ.		0.74	1.00
1,4-Dioxane	<srl< td=""><td>U</td><td>11</td><td>1.36</td><td><srl< td=""><td>U</td><td>1</td><td>1.49</td><td></td></srl<></td></srl<>	U	11	1.36	<srl< td=""><td>U</td><td>1</td><td>1.49</td><td></td></srl<>	U	1	1.49	
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>11</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	11	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>11</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	11	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Heptane	<srl< td=""><td>U</td><td>11</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	11	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<>	U	11	0.74	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>Ū</td><td>1</td><td>0,68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ū	1	0,68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
1.1.2-Trichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.68	<srl< td=""><td>U</td><td>11</td><td>0.74</td><td>0.50</td></srl<>	U	11	0.74	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0,68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0,68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ü</td><td>1</td><td>1.36</td><td><srl< td=""><td>U</td><td>1</td><td>1.49</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.36	<srl< td=""><td>U</td><td>1</td><td>1.49</td><td>1.00</td></srl<>	U	1	1.49	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0,74</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0,74</td><td>0.50</td></srl<>	U	1	0,74	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0,50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0,50</td></srl<>	U	1	0.74	0,50
Ethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.74</td><td>0,50</td></srl<></td></srl<>	Ü	1	0.68	<srl< td=""><td>Ū</td><td>1</td><td>0.74</td><td>0,50</td></srl<>	Ū	1	0.74	0,50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.36</td><td><srl< td=""><td>U</td><td>1</td><td>1.49</td><td>1.00</td></srl<></td></srl<>	U	1	1.36	<srl< td=""><td>U</td><td>1</td><td>1.49</td><td>1.00</td></srl<>	U	1	1.49	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	U	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>Ú</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ú	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
o-Xylene	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
4-Ethyltoluene	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.68</td><td><srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.68	<srl< td=""><td>U</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	U	1	0.74	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	Ü	1	0.74	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>i</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	Ü	1	0.74	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>ĺ</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ŭ	ĺ	0.68	<srl< td=""><td>Ü</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	Ü	1	0.74	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ū</td><td>î</td><td>0.68</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ū	î	0.68	<srl< td=""><td>Ū</td><td>1</td><td>0.74</td><td>0.50</td></srl<>	Ū	1	0.74	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>i i</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	i i	0.68	<srl< td=""><td>Ü</td><td>i</td><td>0.74</td><td>0.50</td></srl<>	Ü	i	0.74	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.68</td><td><srl< td=""><td>Ü</td><td>ī</td><td>0.74</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.68	<srl< td=""><td>Ü</td><td>ī</td><td>0.74</td><td>0.50</td></srl<>	Ü	ī	0.74	0.50
Hexachlorobutadiene	<srl< td=""><td>II .</td><td>i i</td><td>0.68</td><td><srl< td=""><td>Ū</td><td>i i</td><td>0.74</td><td>0,50</td></srl<></td></srl<>	II .	i i	0.68	<srl< td=""><td>Ū</td><td>i i</td><td>0.74</td><td>0,50</td></srl<>	Ū	i i	0.74	0,50
BFB-Surrogate Std. % Recovery	70170	97%		· · · · · · · · · · · · · · · · · · ·		97%	i i		70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232585

UNITS: PPB (v/v)

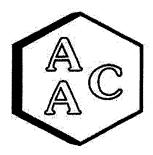
MATRIX : AIR

DATE RECEIVED: 12/12/2023

DATE REPORTED: 12/14/2023

ANALYST: DL/CH

	MS-12		Sample		Chiquito Cyı		Sample	
								Method
								Reporting
		3				3	1	Limit
	1.39	·			1.33			(MRL)
Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1				1		0.50
		11				1		1.00
		1				1		0.50
		11				1		0.50
		1				11		0.50
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td></td><td>11</td><td></td><td>0.50</td></srl<>	U	1				11		0.50
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td></td><td>11</td><td></td><td>5.00</td></srl<>	U	1				11		5.00
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td></td><td>11</td><td></td><td>0.50</td></srl<>	U	1				11		0.50
<srl< td=""><td>U</td><td>1</td><td>0.69</td><td></td><td></td><td>11</td><td></td><td>0.50</td></srl<>	U	1	0.69			11		0.50
<srl< td=""><td>U</td><td>1</td><td>0.69</td><td></td><td></td><td>11</td><td></td><td>0.50</td></srl<>	U	1	0.69			11		0.50
<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
3.20		1	2.77	8.17		1		2.00
<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
3.78		1	2,77	5.02		1	2.66	2.00
<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
<srl< td=""><td>Ü</td><td>1</td><td>2.77</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>2.00</td></srl<></td></srl<>	Ü	1	2.77	<srl< td=""><td>U</td><td>1</td><td></td><td>2.00</td></srl<>	U	1		2.00
	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>1.00</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>U</td><td>1</td><td></td><td>1.00</td></srl<>	U	1		1.00
<srl< td=""><td>U</td><td>1</td><td>1,39</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>1.00</td></srl<></td></srl<>	U	1	1,39	<srl< td=""><td>U</td><td>1</td><td></td><td>1.00</td></srl<>	U	1		1.00
<srl< td=""><td>U</td><td>1</td><td>2.77</td><td><srl< td=""><td></td><td>1</td><td></td><td>2,00</td></srl<></td></srl<>	U	1	2.77	<srl< td=""><td></td><td>1</td><td></td><td>2,00</td></srl<>		1		2,00
<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td><srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	Ü	1	0.69	<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ŭ.</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ŭ.</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	Ŭ.	1	0.67	0.50
<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	Ü	1	0.69	<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50
<srl< td=""><td>Ü</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>1</td><td></td><td>1.00</td></srl<></td></srl<>	Ü	1	1.39	<srl< td=""><td>U</td><td>1</td><td></td><td>1.00</td></srl<>	U	1		1.00
	U	1	1.39	<srl< td=""><td>U</td><td>1</td><td>1.33</td><td>1.00</td></srl<>	U	1	1.33	1.00
<srl< td=""><td>U</td><td>1.</td><td>0.69</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1.	0.69	<srl< td=""><td>Ū</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	Ū	1	0.67	0.50
	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
	Ü	1 1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
		1	0.69	<srl .<="" td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl>	U	1	0.67	0.50
		1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
		l i			Ü	1	0.67	0.50
		1		<srl< td=""><td>Ü</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	Ü	1	0.67	0.50
<srl< td=""><td></td><td>ĺ</td><td>0.69</td><td></td><td></td><td>1</td><td>0.67</td><td>0.50</td></srl<>		ĺ	0.69			1	0.67	0.50
	SRL SRL	232585-524 12/13/202 12/13/202 1.39 Result Qualifier	12/13/2023 12/13/2023 12/13/2023 13/13/2023 1.39 Result Qualifier Analysis DF	12/12/2023 12/13/2023 12/13/2023 12/13/2023 1.init (SRL)	12/13/2023 Reporting Limit SRL SRL U 1 0.69 SRL SRL SRL U 1 0.69 SRL SRL SRL	232585-52473 Sample Reporting 12/12/2023 12/13/2023 12/13/2023 1.39 (SRL) 1.33 1.33 (SRL) 1.33 (SRL) 1.33 (SRL) 1.33 (SRL) 1.33 (SRL) 1.33 (SRL) 1.33 (SRL) 1.33 (SRL) 1.33 (SRL) 1.33 (SRL) 1.33 (SRL) 1.33 (SRL) 1.33 (SRL) 1.33 (SRL) 1.34 (SRL) 1.35 (SRL)	232585-52473 Reporting 12/12/2023 Limit 12/13/2023 Limit 12/13/2023 Limit (SRL) 1.33	1/1/2/2023 1/2/13/2023 1



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232585 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 12/12/2023

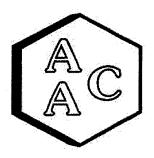
DATE REPORTED: 12/14/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID		MS-12 232585-524	73	Sample	. (Chiquito Cyr 232585-524		Sample	Method
Date Sampled		12/12/202	3	Reporting		12/12/202		Reporting	Reporting
Date Analyzed		12/13/202		Limit		12/13/202		Limit	
Can Dilution Factor	<u> </u>	1.39		(SRL)		1.33		(SRL)	Limit
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ŭ</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	Ŭ	1	0.67	0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0,67</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0,67</td><td>0.50</td></srl<>	U	1	0,67	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>1</td><td>1.33</td><td>1.00</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>U</td><td>1</td><td>1.33</td><td>1.00</td></srl<>	U	1	1.33	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>11</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	11	0.69	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.69	<srl< td=""><td>Ū</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	Ū	1	0.67	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>1.33</td><td>1.00</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>Ŭ</td><td>1</td><td>1.33</td><td>1.00</td></srl<>	Ŭ	1	1.33	1.00
Dibromochloromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>i</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	i	0.69	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ū</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	Ū	1	0.67	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td><srl< td=""><td>U</td><td>1</td><td>1.33</td><td>1.00</td></srl<></td></srl<>	U	1	1.39	<srl< td=""><td>U</td><td>1</td><td>1.33</td><td>1.00</td></srl<>	U	1	1.33	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>· U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>· U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	· U	1	0.67	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.69	<srl< td=""><td>Ū</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	Ū	1	0.67	0.50
o-Xylene	<srl< td=""><td>Ü</td><td>i</td><td>0.69</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.69	<srl< td=""><td>Ū</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	Ū	1	0.67	0.50
4-Ethyltoluene	<srl< td=""><td>Ŭ</td><td>ī</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>0,67</td><td>0.50</td></srl<></td></srl<>	Ŭ	ī	0.69	<srl< td=""><td>Ü</td><td>1</td><td>0,67</td><td>0.50</td></srl<>	Ü	1	0,67	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>i</td><td>0,67</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.69	<srl< td=""><td>U</td><td>i</td><td>0,67</td><td>0.50</td></srl<>	U	i	0,67	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>i</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	U	i	0.69	<srl< td=""><td>U</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	U	1	0.67	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.69	<srl< td=""><td>Ü</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	Ü	1	0.67	0.50
1,3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ū</td><td>1</td><td>0,67</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.69	<srl< td=""><td>Ū</td><td>1</td><td>0,67</td><td>0.50</td></srl<>	Ū	1	0,67	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.69	<srl< td=""><td>Ŭ</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	Ŭ	1	0.67	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>ī</td><td>0.69</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	Ü	ī	0.69	<srl< td=""><td>Ū</td><td>1</td><td>0.67</td><td>0.50</td></srl<>	Ū	1	0.67	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ŭ</td><td>. 1</td><td>0.67</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.69	<srl< td=""><td>Ŭ</td><td>. 1</td><td>0.67</td><td>0.50</td></srl<>	Ŭ	. 1	0.67	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>0,67</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.69	<srl< td=""><td>Ü</td><td>1</td><td>0,67</td><td>0.50</td></srl<>	Ü	1	0,67	0.50
BFB-Surrogate Std. % Recovery	JANIS	97%				96%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232585 MATRIX: AIR

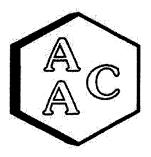
UNITS: PPB (v/v)

DATE RECEIVED: 12/12/2023

DATE REPORTED: 12/14/2023

ANALYST: DL/CH

Client ID	_	S End Line	oln			SCV			
AAC ID	-	232585-524		Sample		232585-524	76	Sample	Method
Date Sampled		12/12/202		Reporting		12/12/202		Reporting	Reporting
Date Analyzed		12/13/202	3	Limit		12/13/202	3	Limit	Limit
Can Dilution Factor		1.38		SRL)		1.39		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.38</td><td><srl< td=""><td>U</td><td>1</td><td>1.39</td><td>1.00</td></srl<></td></srl<>	U	1	1.38	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td>1.00</td></srl<>	U	1	1.39	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>6.89</td><td><srl< td=""><td>U</td><td>1</td><td>6,95</td><td>5.00</td></srl<></td></srl<>	U	1	6.89	<srl< td=""><td>U</td><td>1</td><td>6,95</td><td>5.00</td></srl<>	U	1	6,95	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Bromomethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ŭ	1	0.69	0.50
Ethanol	3.61		1	2.76	3.49		1	2.78	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Acetone	4.44		1	2.76	63.3		1	2.78	2.00
Trichlorofluoromethane	<srl< td=""><td>Ŭ</td><td>- 1</td><td>0.69</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ŭ	- 1	0.69	<srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ū	1	0.69	0.50
2-Propanol (IPA)	<srl< td=""><td>U</td><td>1</td><td>2.76</td><td><srl< td=""><td>U</td><td>1</td><td>2.78</td><td>2.00</td></srl<></td></srl<>	U	1	2.76	<srl< td=""><td>U</td><td>1</td><td>2.78</td><td>2.00</td></srl<>	U	1	2.78	2.00
Acrylonitrile	<srl< td=""><td>. U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	. U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
1,1-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.38</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.39</td><td>1.00</td></srl<></td></srl<>	U	1	1.38	<srl< td=""><td>Ü</td><td>1</td><td>1.39</td><td>1.00</td></srl<>	Ü	1	1.39	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.38</td><td><srl< td=""><td>U</td><td>1</td><td>1.39</td><td>1.00</td></srl<></td></srl<>	U	1	1.38	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td>1.00</td></srl<>	U	1	1.39	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.76</td><td><srl< td=""><td>U</td><td>1</td><td>2.78</td><td>2.00</td></srl<></td></srl<>	U	1	2.76	<srl< td=""><td>U</td><td>1</td><td>2.78</td><td>2.00</td></srl<>	U	1	2.78	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ū	1	0.69	0.50
trans-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.69	<srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ū	1	0.69	0.50
1,1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0,69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0,69</td><td>0.50</td></srl<>	U	1	0,69	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ū	1	0.69	0.50
Vinyl Acetate	<srl< td=""><td>U</td><td>1</td><td>1.38</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.39</td><td>1.00</td></srl<></td></srl<>	U	1	1.38	<srl< td=""><td>Ū</td><td>1</td><td>1.39</td><td>1.00</td></srl<>	Ū	1	1.39	1.00
2-Butanone (MEK)	<srl< td=""><td>U</td><td>1</td><td>1.38</td><td><srl< td=""><td>U</td><td>1</td><td>1.39</td><td>1.00</td></srl<></td></srl<>	U	1	1.38	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td>1.00</td></srl<>	U	1	1.39	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Hexane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
Chloroform	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ŭ	1	0.69	0.50
Ethyl Acetate	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Tetrahydrofuran	<srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
1,2-Dichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.69	<srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ŭ	1	0.69	0.50
Benzene	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.69	<srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ū	1	0.69	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232585 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 12/12/2023

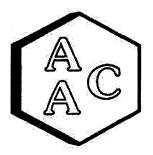
DATE REPORTED: 12/14/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID		S End Line 232585-524	75	Sample Reporting		SCV 232585-524		Sample Reporting	Method
Date Sampled		12/12/202		Limit		12/12/202		Limit	Reporting
Date Analyzed		12/13/202	3	1		12/13/202 1.39	<u>s</u>	(SRL)	Limit
Can Dilution Factor		1,38		(SRL)			r		(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>Ü</td><td>11</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0,50</td></srl<></td></srl<>	Ü	11	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0,50</td></srl<>	U	1	0.69	0,50
Cyclohexane	<srl_< td=""><td>U</td><td>1 .</td><td>0.69</td><td><srl_< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl_<></td></srl_<>	U	1 .	0.69	<srl_< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl_<>	U	1	0.69	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>11</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	11	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>11</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>11</td><td>0.69</td><td>0.50</td></srl<>	U	11	0.69	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>11</td><td>1.38</td><td><srl< td=""><td>U</td><td>1</td><td>1.39</td><td>1.00</td></srl<></td></srl<>	U	11	1.38	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td>1.00</td></srl<>	U	1	1.39	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>11</td><td>0.69</td><td><srl< td=""><td>U</td><td>11</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	11	0.69	<srl< td=""><td>U</td><td>11</td><td>0.69</td><td>0.50</td></srl<>	U	11	0.69	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Heptane	<srl< td=""><td>Ŭ</td><td>1</td><td>0,69</td><td><srl< td=""><td>U</td><td>11</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0,69	<srl< td=""><td>U</td><td>11</td><td>0.69</td><td>0.50</td></srl<>	U	11	0.69	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl_< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl_<></td></srl<>	U	1	0.69	<srl_< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl_<>	U	1	0.69	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>11</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>11</td><td>0.69</td><td>0.50</td></srl<>	U	11	0.69	0.50
trans-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ü</td><td>1</td><td>1.38</td><td><srl< td=""><td>U</td><td>1</td><td>1.39</td><td>1,00</td></srl<></td></srl<>	Ü	1	1.38	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td>1,00</td></srl<>	U	1	1.39	1,00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
1,2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0,69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0,69</td><td>0.50</td></srl<>	U	1	0,69	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.38</td><td><srl< td=""><td>U</td><td>1</td><td>1.39</td><td>1.00</td></srl<></td></srl<>	U	1	1.38	<srl< td=""><td>U</td><td>1</td><td>1.39</td><td>1.00</td></srl<>	U	1	1.39	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0,69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0,69</td><td>0.50</td></srl<>	U	1	0,69	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ū</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ū	1	0.69	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl .<="" td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl></td></srl<>	U	1	0.69	<srl .<="" td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl>	U	1	0.69	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	U	1	0.69	0.50
4-Ethyltoluene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ŭ.</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>Ŭ.</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ŭ.	1	0.69	0.50
1,3,5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.69</td><td><srl< td=""><td>U</td><td>1</td><td>0,69</td><td>0.50</td></srl<></td></srl<>	U	1	0.69	<srl< td=""><td>U</td><td>1</td><td>0,69</td><td>0.50</td></srl<>	U	1	0,69	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.69	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.69	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.69	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
1,4-Dichlorobenzene	<srl< td=""><td>Ü</td><td>ì</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ü	ì	0.69	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ŭ</td><td>i</td><td>0.69</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.69	<srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ŭ	1	0.69	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ŭ</td><td><u> </u></td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<></td></srl<>	Ŭ	<u> </u>	0.69	<srl< td=""><td>Ü</td><td>1</td><td>0.69</td><td>0.50</td></srl<>	Ü	1	0.69	0.50
Hexachlorobutadiene	<srl< td=""><td>Ŭ</td><td>1</td><td>0.69</td><td><srl< td=""><td>Ü</td><td>1</td><td>0,69</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.69	<srl< td=""><td>Ü</td><td>1</td><td>0,69</td><td>0.50</td></srl<>	Ü	1	0,69	0.50
BFB-Surrogate Std. % Recovery	71(1)	97%		×		96%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232585 MATRIX: AIR

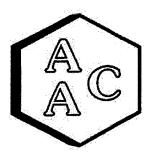
UNITS: PPB (v/v)

DATE RECEIVED: 12/12/2023

DATE REPORTED: 12/14/2023

ANALYST: DL/CH

Client ID		MS-01		Ι., Ι		MS-02		Sample	
AAC ID		232585-524	177	Sample		232585-524	178		Method
Date Sampled		12/12/202	3	Reporting		12/12/202	3	Reporting	Reporting
Date Analyzed		12/13/202	3	Limit		12/13/202	3	Limit	Limit
Can Dilution Factor		1.42		(SRL)	1.43			(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td><srl< td=""><td>U</td><td>1</td><td>1.43</td><td>1.00</td></srl<></td></srl<>	U	1	1.42	<srl< td=""><td>U</td><td>1</td><td>1.43</td><td>1.00</td></srl<>	U	1	1.43	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
Chloromethane	0.77		1	0.71	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.71	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0,50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0,50</td></srl<>	U	1	0.71	0,50
Methanol	<srl< td=""><td>U</td><td>1</td><td>7.10</td><td><srl< td=""><td>U</td><td>11</td><td>7.14</td><td>5.00</td></srl<></td></srl<>	U	1	7.10	<srl< td=""><td>U</td><td>11</td><td>7.14</td><td>5.00</td></srl<>	U	11	7.14	5.00
1.3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Bromomethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Chloroethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Dichlorofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Ethanol	<srl< td=""><td>U</td><td>1</td><td>2.84</td><td><srl< td=""><td>U</td><td>1</td><td>2.86</td><td>2.00</td></srl<></td></srl<>	U	1	2.84	<srl< td=""><td>U</td><td>1</td><td>2.86</td><td>2.00</td></srl<>	U	1	2.86	2.00
Vinvl Bromide	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Acetone	3.12		1	2.84	<srl< td=""><td>Ū</td><td>1</td><td>2.86</td><td>2.00</td></srl<>	Ū	1	2.86	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>i</td><td>0.71</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	i	0.71	<srl< td=""><td>Ŭ</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ŭ	1	0.71	0.50
2-Propanol (IPA)	<srl< td=""><td>Ū</td><td>1</td><td>2.84</td><td><srl< td=""><td>U</td><td>1</td><td>2.86</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.84	<srl< td=""><td>U</td><td>1</td><td>2.86</td><td>2.00</td></srl<>	U	1	2.86	2.00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.71	0.50
1.1-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td><srl< td=""><td>U</td><td>1</td><td>1.43</td><td>1.00</td></srl<></td></srl<>	U	1	1.42	<srl< td=""><td>U</td><td>1</td><td>1.43</td><td>1.00</td></srl<>	U	1	1.43	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td><srl< td=""><td>U</td><td>1</td><td>1.43</td><td>1.00</td></srl<></td></srl<>	U	1	1.42	<srl< td=""><td>U</td><td>1</td><td>1.43</td><td>1.00</td></srl<>	U	1	1.43	1.00
Carbon Disulfide	<srl< td=""><td>U</td><td>1</td><td>2.84</td><td><srl< td=""><td>· U</td><td>1</td><td>2.86</td><td>2.00</td></srl<></td></srl<>	U	1	2.84	<srl< td=""><td>· U</td><td>1</td><td>2.86</td><td>2.00</td></srl<>	· U	1	2.86	2.00
Trichlorotrifluoroethane	<srl< td=""><td>U</td><td>i</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	i	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>. II</td><td>i</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	. II	i	0.71	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.71	0.50
1.1-Dichloroethane	<srl< td=""><td>Ŭ</td><td>i</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ŭ	i	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>Ū</td><td>i</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Vinyl Acetate	<srl< td=""><td>IJ</td><td>1</td><td>1.42</td><td><srl< td=""><td>U</td><td>i</td><td>1.43</td><td>1,00</td></srl<></td></srl<>	IJ	1	1.42	<srl< td=""><td>U</td><td>i</td><td>1.43</td><td>1,00</td></srl<>	U	i	1.43	1,00
2-Butanone (MEK)	<srl< td=""><td>Ü</td><td>i</td><td>1.42</td><td><srl< td=""><td>Ü</td><td>1</td><td>1.43</td><td>1.00</td></srl<></td></srl<>	Ü	i	1.42	<srl< td=""><td>Ü</td><td>1</td><td>1.43</td><td>1.00</td></srl<>	Ü	1	1.43	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>i</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Hexane	<srl< td=""><td>TT TT</td><td>l i</td><td>0.71</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	TT TT	l i	0.71	<srl< td=""><td>Ŭ</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ŭ	1	0.71	0.50
Chloroform	<srl< td=""><td>ŭ</td><td>l i</td><td>0.71</td><td><srl< td=""><td>Ŭ</td><td>i</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	ŭ	l i	0.71	<srl< td=""><td>Ŭ</td><td>i</td><td>0.71</td><td>0.50</td></srl<>	Ŭ	i	0.71	0.50
Ethyl Acetate	SRL SRL	Ŭ	1 1	0.71	<srl< td=""><td>Ŭ</td><td>l i</td><td>0.71</td><td>0.50</td></srl<>	Ŭ	l i	0.71	0.50
Tetrahydrofuran	<srl< td=""><td>ŭ</td><td>l i</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	ŭ	l i	0.71	<srl< td=""><td>Ü</td><td>i</td><td>0.71</td><td>0.50</td></srl<>	Ü	i	0.71	0.50
1.2-Dichloroethane	<srl< td=""><td>Ŭ</td><td><u> 1</u></td><td>0.71</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ŭ	<u> 1</u>	0.71	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.71	0.50
1.1.1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ŭ</td><td>ī</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.71	<srl< td=""><td>Ŭ</td><td>ī</td><td>0.71</td><td>0.50</td></srl<>	Ŭ	ī	0.71	0.50
Benzene	<srl< td=""><td>Ü</td><td>i i</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>i</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ü	i i	0.71	<srl< td=""><td>Ü</td><td>i</td><td>0.71</td><td>0.50</td></srl<>	Ü	i	0.71	0.50
Donzono	-SILD		<u> </u>			<u></u>	t		



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232585 $\mathbf{MATRIX} \; : \; \mathbf{AIR}$

UNITS: PPB (v/v)

DATE RECEIVED: 12/12/2023

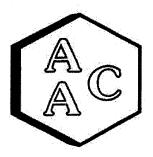
DATE REPORTED: 12/14/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-01		Sample	MS-02			Sample	
AAC ID		232585-524		,		232585-524		Reporting	Method
Date Sampled		12/12/202		Reporting		12/12/202			Reporting
Date Analyzed		12/13/202	3	Limit	12,10,2020		Limit	Limit	
Can Dilution Factor		1.42		(SRL)		1.43		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	`
Carbon Tetrachloride	<srl< td=""><td>Ŭ</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td><srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	11	0.71	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>11</td><td>0,71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>11</td><td>0,71</td><td>0.50</td></srl<>	U	11	0,71	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td><srl< td=""><td>U</td><td>11</td><td>1,43</td><td>1.00</td></srl<></td></srl<>	U	1	1.42	<srl< td=""><td>U</td><td>11</td><td>1,43</td><td>1.00</td></srl<>	U	11	1,43	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1 1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1 1</td><td>0.71</td><td>0.50</td></srl<>	U	1 1	0.71	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
Heptane	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	11	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
cis-1.3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
trans-1.3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
1,1,2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0,71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0,71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Toluene	<srl< td=""><td>· U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	· U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
2-Hexanone (MBK)	<srl< td=""><td>Ū</td><td>1</td><td>1.42</td><td><srl< td=""><td>U</td><td>1</td><td>1.43</td><td>1,00</td></srl<></td></srl<>	Ū	1	1.42	<srl< td=""><td>U</td><td>1</td><td>1.43</td><td>1,00</td></srl<>	U	1	1.43	1,00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.71	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.71	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td><srl< td=""><td>U</td><td>1</td><td>1.43</td><td>1.00</td></srl<></td></srl<>	U	1	1.42	<srl< td=""><td>U</td><td>1</td><td>1.43</td><td>1.00</td></srl<>	U	1	1.43	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
o-Xvlene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
4-Ethyltoluene	<srl< td=""><td>Ú</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ú	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td><srl_< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl_<></td></srl<>	Ū	1	0.71	<srl_< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl_<>	U	1	0.71	0.50
1.3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
1.4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
1.2-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>i</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>i</td><td>0.71</td><td>0.50</td></srl<>	U	i	0.71	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Hexachlorobutadiene	<srl< td=""><td>U</td><td></td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U		0.71	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
BFB-Surrogate Std. % Recovery		97%		T		97%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232585 MATRIX : AIR

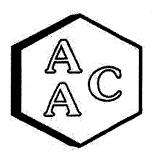
UNITS: PPB (v/v)

DATE RECEIVED: 12/12/2023

DATE REPORTED: 12/14/2023

ANALYST: DL/CH

Client ID		MS-03		Sample		MS-04		Sample	
AAC ID		232585-524				232585-524			Method
Date Sampled		12/12/202	3	Reporting		12/12/202		Reporting	Reporting
Date Analyzed		12/13/202	3	Limit	12/10/2020		3	Limit	Limit
Can Dilution Factor		1.42		(SRL)		1.45		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td>3.26</td><td></td><td>1</td><td>1.45</td><td>1.00</td></srl<>	U	1	1.42	3.26		1	1.45	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<>	U	11	0.72	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Vinyl Chloride	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>7.10</td><td>47.2</td><td></td><td>1</td><td>7.24</td><td>5.00</td></srl<>	U	1	7.10	47.2		1	7.24	5.00
1.3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Bromomethane	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Chloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>i</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	i	0.71	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
Ethanol	<srl< td=""><td>Ü</td><td>1</td><td>2.84</td><td>127</td><td></td><td>1</td><td>2,89</td><td>2.00</td></srl<>	Ü	1	2.84	127		1	2,89	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Acetone	<srl< td=""><td>U</td><td>1</td><td>2.84</td><td>15.5</td><td></td><td>1</td><td>2.89</td><td>2.00</td></srl<>	U	1	2.84	15.5		1	2.89	2.00
Trichlorofluoromethane	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0,50</td></srl<></td></srl<>	Ū	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0,50</td></srl<>	U	1	0.72	0,50
2-Propanol (IPA)	<srl< td=""><td>Ü</td><td>1</td><td>2.84</td><td>6.33</td><td></td><td>1</td><td>2.89</td><td>2,00</td></srl<>	Ü	1	2.84	6.33		1	2.89	2,00
Acrylonitrile	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
1.1-Dichloroethene	<srl< td=""><td>IJ</td><td>i</td><td>0.71</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	IJ	i	0.71	<srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ū	1	0.72	0.50
Methylene Chloride (DCM)	<srl< td=""><td>Ū</td><td>1</td><td>1.42</td><td><srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<></td></srl<>	Ū	1	1.42	<srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<>	U	1	1.45	1.00
Allyl Chloride	<srl< td=""><td>U</td><td>i</td><td>1.42</td><td><srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<></td></srl<>	U	i	1.42	<srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<>	U	1	1.45	1.00
Carbon Disulfide	<srl< td=""><td>Ū</td><td>1</td><td>2.84</td><td><srl< td=""><td>U</td><td>1</td><td>2.89</td><td>2.00</td></srl<></td></srl<>	Ū	1	2.84	<srl< td=""><td>U</td><td>1</td><td>2.89</td><td>2.00</td></srl<>	U	1	2.89	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ū</td><td>i</td><td>0.71</td><td><srl< td=""><td>U</td><td>. 1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.71	<srl< td=""><td>U</td><td>. 1</td><td>0.72</td><td>0.50</td></srl<>	U	. 1	0.72	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>Ū</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ū	1	0.72	0.50
1,1-Dichloroethane	<srl< td=""><td>Ū</td><td>i</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ū	i	0.71	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>IJ</td><td>i</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	IJ	i	0.71	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
Vinvl Acetate	<srl< td=""><td>Ü</td><td>i</td><td>1.42</td><td><srl< td=""><td>Ū</td><td>i</td><td>1.45</td><td>1.00</td></srl<></td></srl<>	Ü	i	1.42	<srl< td=""><td>Ū</td><td>i</td><td>1.45</td><td>1.00</td></srl<>	Ū	i	1.45	1.00
2-Butanone (MEK)	<srl< td=""><td>Ū</td><td>i</td><td>1.42</td><td>5.37</td><td></td><td>1 -</td><td>1.45</td><td>1.00</td></srl<>	Ū	i	1.42	5.37		1 -	1.45	1.00
cis-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>i</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	i	0.71	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Hexane	SRL	Ŭ	i	0.71	5.51		1	0.72	0.50
Chloroform	SRL SRL	Ŭ	i i	0.71	<srl< td=""><td>U</td><td>i</td><td>0.72</td><td>0.50</td></srl<>	U	i	0.72	0.50
Ethyl Acetate	SRL SRL	Ŭ	1	0.71	1.09	i i	i	0.72	0.50
Tetrahydrofuran	SRL	Ŭ	i	0.71	6.40		î	0.72	0.50
1.2-Dichloroethane	SRL SRL	Ü	i	0.71	<srl< td=""><td>U</td><td>i</td><td>0.72</td><td>0.50</td></srl<>	U	i	0.72	0.50
1.1.1-Trichloroethane	SRL SRL	Ü	1	0.71	<srl< td=""><td>Ŭ</td><td>i</td><td>0.72</td><td>0.50</td></srl<>	Ŭ	i	0.72	0.50
Benzene	SRL SRL	U	1	0.71	7.05	— <u> </u>	- i	0.72	0.50
Delizelle	1 /21/17	U		V./1 1	7.03	L	_	0.72	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232585 MATRIX: AIR

UNITS: PPB (v/v)

DATE RECEIVED: 12/12/2023

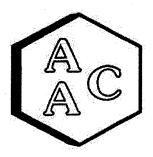
DATE REPORTED: 12/14/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-03 232585-524	70	Sample	mple MS-04 232585-52480			Sample	Method
AAC ID		12/12/202		Reporting		12/12/202		Reporting	Reporting
Date Sampled		12/12/202		Limit	12/13/2023			Limit	
Date Analyzed		1.42	<u> </u>	(SRL)	1,45			(SRL)	Limit
Can Dilution Factor	 		A I DE	(MRLxDF's)				(MRLxDF's)	(MRL)
Compound	Result	Qualifier	Analysis DF				Analysis Dr	L`	
Carbon Tetrachloride	<srl_< td=""><td>U</td><td>11</td><td>0.71</td><td><srl< td=""><td>U</td><td>ļ<u>ļ</u></td><td>0.72 0.72</td><td>0.50 0.50</td></srl<></td></srl_<>	U	11	0.71	<srl< td=""><td>U</td><td>ļ<u>ļ</u></td><td>0.72 0.72</td><td>0.50 0.50</td></srl<>	U	ļ <u>ļ</u>	0.72 0.72	0.50 0.50
Cyclohexane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>2.11</td><td></td><td></td><td>0.72</td><td>0.50</td></srl<>	U	1	0.71	2.11			0.72	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>ļ<u>i</u></td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>ļ<u>i</u></td><td>0.72</td><td>0.50</td></srl<>	U	ļ <u>i</u>	0.72	0.50
Bromodichloromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td></td><td>1 1</td><td></td><td>1.00</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td></td><td>1 1</td><td></td><td>1.00</td></srl<>		1 1		1.00
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td><srl< td=""><td>Ŭ</td><td>1 1</td><td>1.45</td><td></td></srl<></td></srl<>	U	1	1.42	<srl< td=""><td>Ŭ</td><td>1 1</td><td>1.45</td><td></td></srl<>	Ŭ	1 1	1.45	
Trichloroethene (TCE)	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ŭ</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.71	<srl< td=""><td>Ŭ</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ŭ	1	0.72	0.50
2,2,4-Trimethylpentane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>1.30</td><td></td><td>11</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.71	1.30		11	0.72	0.50
Heptane	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>1.48</td><td></td><td>11</td><td>0.72</td><td>0.50</td></srl<>	U	11	0.71	1.48		11	0.72	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td><srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	11	0.71	<srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<>	U	11	0.72	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0,50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0,50</td></srl<>	U	1	0.72	0,50
trans-1,3-Dichloropropene	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.71	<srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<>	U	11	0.72	0.50
1,1,2-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.71	<srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<>	U	11	0.72	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>2,95</td><td></td><td>11</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.71	2,95		11	0.72	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td><srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<></td></srl<>	U	1	1.42	<srl< td=""><td>U</td><td>1</td><td>1.45</td><td>1.00</td></srl<>	U	1	1.45	1.00
Dibromochloromethane	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.71	<srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<>	U	11	0.72	0.50
1,2-Dibromoethane	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.71	<srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<>	U	11	0.72	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Chlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Ethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td><srl< td=""><td>U</td><td>11</td><td>1.45</td><td>1.00</td></srl<></td></srl<>	U	1	1.42	<srl< td=""><td>U</td><td>11</td><td>1.45</td><td>1.00</td></srl<>	U	11	1.45	1.00
Bromoform	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.71	<srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<>	U	11	0.72	0.50
Styrene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0.50</td></srl<>	U	11	0.72	0.50
1.1.2.2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>111</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>111</td><td>0.72</td><td>0.50</td></srl<>	U	111	0.72	0.50
o-Xylene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
4-Ethyltoluene	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0,50</td></srl<></td></srl<>	Ū	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0,50</td></srl<>	U	1	0.72	0,50
1.2.4-Trimethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>Ü</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	Ü	1	0.72	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
1.3-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
1.4-Dichlorobenzene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	U	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
1.2-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0,72</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.71	<srl< td=""><td>U</td><td>1</td><td>0,72</td><td>0.50</td></srl<>	U	1	0,72	0.50
1,2,4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>i i</td><td>0.71</td><td><srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<></td></srl<>	Ü	i i	0.71	<srl< td=""><td>U</td><td>1</td><td>0.72</td><td>0.50</td></srl<>	U	1	0.72	0.50
Hexachlorobutadiene	<srl< td=""><td>Ü</td><td>l i</td><td>0.71</td><td><srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0,50</td></srl<></td></srl<>	Ü	l i	0.71	<srl< td=""><td>U</td><td>11</td><td>0.72</td><td>0,50</td></srl<>	U	11	0.72	0,50
BFB-Surrogate Std. % Recovery	1 14.14	97%	<u> </u>			98%			70-130%





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232585

MATRIX : AIR UNITS: PPB (v/v)

DATE RECEIVED: 12/12/2023

DATE REPORTED: 12/14/2023

ANALYST: DL/CH

Client ID		MS-05		Sample		Reaction		Sample	
AAC ID		232585-524				232585-524			Method
Date Sampled		12/12/202	3	Reporting		12/12/202		Reporting	Reporting
Date Analyzed		12/13/202	3	Limit	12/15/2020		3	Limit	Limit
Can Dilution Factor		1.53		(SRL)	1,43			(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<srl< td=""><td>U</td><td>1.5</td><td>0.76</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1.5	0.76	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Propene	<srl< td=""><td>U</td><td>1</td><td>1.53</td><td>4.65</td><td></td><td>1</td><td>1.43</td><td>1.00</td></srl<>	U	1	1.53	4.65		1	1.43	1.00
Dichlorodifluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0,50</td></srl<></td></srl<>	U	1	0.76	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0,50</td></srl<>	U	1	0.71	0,50
Chloromethane	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.76	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Dichlorotetrafluoroethane	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.76	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Vinyl Chloride	<srl< td=""><td>Ū</td><td>1</td><td>0.76</td><td><srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.76	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
Methanol	<srl< td=""><td>U</td><td>1</td><td>7.63</td><td>35.6</td><td></td><td>1</td><td>7.13</td><td>5.00</td></srl<>	U	1	7.63	35.6		1	7.13	5.00
1,3-Butadiene	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.76	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Bromomethane	<srl< td=""><td>Ū</td><td>1</td><td>0.76</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.76	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Chloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.76</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.76	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Dichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.76	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Ethanol	4.04		1	3.05	21.0		1	2,85	2.00
Vinyl Bromide	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.76	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Acetone	3.94		i	3.05	12.7		1	2.85	2.00
Trichlorofluoromethane	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.76	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
2-Propanol (IPA)	<srl< td=""><td>Ū</td><td>i</td><td>3.05</td><td>5.50</td><td></td><td>1</td><td>2.85</td><td>2.00</td></srl<>	Ū	i	3.05	5.50		1	2.85	2.00
Acrylonitrile	<srl< td=""><td>Ü</td><td>1</td><td>0.76</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.76	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
1.1-Dichloroethene	<srl< td=""><td>Ū</td><td>1</td><td>0.76</td><td><srl< td=""><td>U</td><td>1</td><td>0,71</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.76	<srl< td=""><td>U</td><td>1</td><td>0,71</td><td>0.50</td></srl<>	U	1	0,71	0.50
Methylene Chloride (DCM)	<srl< td=""><td>U</td><td>1</td><td>1.53</td><td><srl< td=""><td>U</td><td>1</td><td>1.43</td><td>1.00</td></srl<></td></srl<>	U	1	1.53	<srl< td=""><td>U</td><td>1</td><td>1.43</td><td>1.00</td></srl<>	U	1	1.43	1.00
Allyl Chloride	<srl< td=""><td>Ü</td><td>ī</td><td>1.53</td><td><srl< td=""><td>U</td><td>1</td><td>1.43</td><td>1.00</td></srl<></td></srl<>	Ü	ī	1.53	<srl< td=""><td>U</td><td>1</td><td>1.43</td><td>1.00</td></srl<>	U	1	1.43	1.00
Carbon Disulfide	<srl< td=""><td>Ū</td><td>1</td><td>3.05</td><td><srl< td=""><td>U</td><td>1</td><td>2.85</td><td>2.00</td></srl<></td></srl<>	Ū	1	3.05	<srl< td=""><td>U</td><td>1</td><td>2.85</td><td>2.00</td></srl<>	U	1	2.85	2.00
Trichlorotrifluoroethane	<srl< td=""><td>Ū</td><td>1</td><td>0.76</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ū	1	0.76	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
trans-1.2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.76</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.76	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
1.1-Dichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.76	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td>U</td><td>1</td><td>0.76</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.76	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Vinvl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>1.53</td><td><srl< td=""><td>Ū</td><td>1</td><td>1.43</td><td>1.00</td></srl<></td></srl<>	Ü	1	1.53	<srl< td=""><td>Ū</td><td>1</td><td>1.43</td><td>1.00</td></srl<>	Ū	1	1.43	1.00
2-Butanone (MEK)	<srl< td=""><td>Ü</td><td>1</td><td>1.53</td><td>7.48</td><td></td><td>1</td><td>1.43</td><td>1.00</td></srl<>	Ü	1	1.53	7.48		1	1.43	1.00
cis-1,2-Dichloroethene	<srl< td=""><td>Ü</td><td>1</td><td>0.76</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.76	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Hexane	<srl< td=""><td>Ü</td><td>1</td><td>0.76</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.76	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.71	0.50
Chloroform	SRL	Ŭ	i	0.76	<srl< td=""><td>Ŭ</td><td>i</td><td>0.71</td><td>0,50</td></srl<>	Ŭ	i	0.71	0,50
Ethyl Acetate	<srl< td=""><td>Ü</td><td>1</td><td>0.76</td><td><srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.76	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.71	0.50
Tetrahydrofuran	<srl< td=""><td>Ü</td><td>1</td><td>0.76</td><td>12.2</td><td></td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.76	12.2		1	0.71	0.50
1.2-Dichloroethane	<srl< td=""><td>Ŭ</td><td>1</td><td>0.76</td><td><srl< td=""><td>U</td><td>i</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ŭ	1	0.76	<srl< td=""><td>U</td><td>i</td><td>0.71</td><td>0.50</td></srl<>	U	i	0.71	0.50
1,1,1-Trichloroethane	<srl< td=""><td>Ü</td><td>1</td><td>0.76</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.76	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Benzene	<srl< td=""><td>Ŭ</td><td><u> </u></td><td>0.76</td><td>13.2</td><td></td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ŭ	<u> </u>	0.76	13.2		1	0.71	0.50



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232585 MATRIX : AIR

UNITS: PPB (v/v)

DATE RECEIVED: 12/12/2023

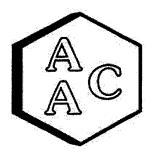
DATE REPORTED: 12/14/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

	MS-05					Sample		
								Method
			1					Reporting
		3	J L					Limit
	1.53				1.43			(MRL)
Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF	`	
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1				1		0.50
		1				11		0.50
		1				11		0.50
		11				1		0.50
		1				11		1.00
		1				1		0.50
		1				11		0.50
		1				11		0.50
		1				11		0.50
		1				1		0.50
		1				1		0.50
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td>U</td><td>11</td><td></td><td>0.50</td></srl<>	U	1			U	11		0.50
		1				11		0.50
<srl< td=""><td>U</td><td>1</td><td>1.53</td><td></td><td></td><td>1</td><td></td><td>1.00</td></srl<>	U	1	1.53			1		1.00
<srl< td=""><td>Ū</td><td>1</td><td>0.76</td><td></td><td></td><td>11</td><td></td><td>0.50</td></srl<>	Ū	1	0.76			11		0.50
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1				1		0.50
<srl< td=""><td>U</td><td>1</td><td></td><td></td><td></td><td>11</td><td></td><td>0.50</td></srl<>	U	1				11		0.50
<srl< td=""><td>Ŭ</td><td>1</td><td>0.76</td><td></td><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	Ŭ	1	0.76		U	1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.76</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.76			1		0.50
<srl< td=""><td>U</td><td>1</td><td>1.53</td><td></td><td></td><td>11</td><td></td><td>1.00</td></srl<>	U	1	1.53			11		1.00
<srl< td=""><td>U</td><td>1</td><td>0.76</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.76			1		0.50
<srl< td=""><td>Ŭ</td><td>1</td><td>0.76</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	Ŭ	1	0.76			1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.76</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.76			1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.76</td><td></td><td></td><td>1</td><td></td><td>0.50</td></srl<>	U	1	0.76			1		0.50
<srl< td=""><td>Ū</td><td>1</td><td>0.76</td><td></td><td>U</td><td>11</td><td></td><td>0.50</td></srl<>	Ū	1	0.76		U	11		0.50
<srl< td=""><td>U</td><td>1</td><td>0.76</td><td><srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.76	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
<srl< td=""><td>U</td><td>1</td><td>0.76</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.76	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
<srl< td=""><td>U</td><td>1</td><td>0.76</td><td></td><td></td><td>11</td><td></td><td>0.50</td></srl<>	U	1	0.76			11		0.50
<srl< td=""><td>U</td><td>1</td><td>0.76</td><td><srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.76	<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50
<srl< td=""><td>U</td><td>1</td><td>0.76</td><td><srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<></td></srl<>	U	1	0.76	<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50
<srl< td=""><td>Ü</td><td>1</td><td>0.76</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	Ü	1	0.76	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
<srl< td=""><td>U</td><td>1</td><td>0.76</td><td><srl< td=""><td>U</td><td>Î</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0.76	<srl< td=""><td>U</td><td>Î</td><td>0.71</td><td>0.50</td></srl<>	U	Î	0.71	0.50
<srl< td=""><td>U</td><td>1</td><td>0,76</td><td><srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<></td></srl<>	U	1	0,76	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
	97%				99%			70-130%
	SRL	232585-524 12/12/202 12/13/202 12/13/202 1.53 Result Qualifier SRL U	12/12/2023 12/13/2023 12/13/2023 1.53 Result Qualifier Analysis DF	12/12/2023 Reporting I2/13/2023 Limit (SRL)	12/12/2023 1.mit 1.53 1.mit 1.53 1.mit 1.53 1.mit 1.53 1.mit 1.m	232585-52481 Reporting 12/12/2023 12/13/2023 Limit Limit Lim	232585-52481 Reporting 12/13/2023 Limit (SRL)	Sample





Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232585

MATRIX : AIR

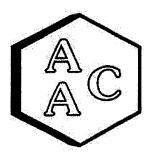
UNITS: PPB (v/v)

DATE RECEIVED: 12/12/2023

DATE REPORTED: 12/14/2023

ANALYST: DL/CH

	232585-524	0.0			
			Sample	Method	
1	12/12/202	3	Reporting	Reporting	
	12/13/202	3	Limit	Limit	
	1,42		(SRL)	(MRL)	
Result	Qualifier	Analysis DF	(MRLxDF's)		
		1		0.50	
<srl< td=""><td></td><td>1</td><td></td><td>1.00</td></srl<>		1		1.00	
		1		0.50	
<srl< td=""><td></td><td>1</td><td></td><td>0.50</td></srl<>		1		0.50	
		1		0.50	
<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50	
11.5		1		5.00	
<srl< td=""><td>U</td><td>1</td><td></td><td>0.50</td></srl<>	U	1		0.50	
<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
<srl< td=""><td>Ŭ</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ŭ	1	0.71	0.50	
<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
18.4		1	2.84	2.00	
<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0,50</td></srl<>	U	1	0.71	0,50	
22.7		1	2.84	2.00	
0.88		1	0.71	0.50	
<srl< td=""><td>U</td><td>1</td><td>2.84</td><td>2.00</td></srl<>	U	1	2.84	2.00	
<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.71	0.50	
<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
2.03		1	1.42	1.00	
<srl< td=""><td>U</td><td>1</td><td>1.42</td><td>1.00</td></srl<>	U	1	1.42	1.00	
<srl< td=""><td>U</td><td>1</td><td>2.84</td><td>2.00</td></srl<>	U	1	2.84	2.00	
<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
<srl< td=""><td>U</td><td>1</td><td>1.42</td><td>1.00</td></srl<>	U	1	1.42	1.00	
<srl< td=""><td>Ü</td><td>1</td><td>1.42</td><td>1.00</td></srl<>	Ü	1	1.42	1.00	
<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.71	0.50	
<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50	
<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.71	0.50	
	Ü	1	0.71	0,50	
	SRL	1.42 Result Qualifier CSRL U CSR	Nesult Qualifier Analysis DF	Result Qualifier Analysis DF (MRLxDF's)	



Laboratory Analysis Report

CLIENT: SCS Engineers

PROJECT NO: 232585

MATRIX : AIR

UNITS: PPB (v/v)

DATE RECEIVED: 12/12/2023

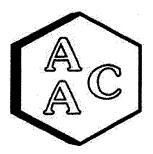
DATE REPORTED: 12/14/2023

ANALYST: DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

	Working Face			Sample	
AAC ID		232585-524		Reporting	Method
Date Sampled	<u> </u>	12/12/202			Reporting
Date Analyzed		12/13/202	3	Limit	Limit
Can Dilution Factor		1.42		(SRL)	(MRL)
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Cyclohexane	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
1,2-Dichloropropane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0,50</td></srl<>	U	1	0.71	0,50
Bromodichloromethane	<srl< td=""><td>U</td><td>11</td><td>0.71</td><td>0.50</td></srl<>	U	11	0.71	0.50
1,4-Dioxane	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td>1.00</td></srl<>	U	1	1.42	1.00
Trichloroethene (TCE)	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
2.2.4-Trimethylpentane	<srl< td=""><td>U</td><td>i</td><td>0.71</td><td>0.50</td></srl<>	U	i	0.71	0.50
Heptane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
cis-1,3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
trans-1.3-Dichloropropene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
1.1.2-Trichloroethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Toluene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
2-Hexanone (MBK)	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td>1.00</td></srl<>	U	1	1.42	1.00
Dibromochloromethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
1.2-Dibromoethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Tetrachloroethene (PCE)	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Chlorobenzene	<srl< td=""><td>Ü.</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü.	1	0.71	0.50
Ethylbenzene	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
m & p-Xylene	<srl< td=""><td>U</td><td>1</td><td>1.42</td><td>1.00</td></srl<>	U	1	1.42	1.00
Bromoform	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
Styrene	1.09		1	0.71	0.50
1,1,2,2-Tetrachloroethane	<srl< td=""><td>U</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	U	1	0.71	0.50
o-Xylene	<srl< td=""><td>Ū</td><td>i</td><td>. 0.71</td><td>0.50</td></srl<>	Ū	i	. 0.71	0.50
4-Ethyltoluene	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ū	1	0.71	0.50
1.3.5-Trimethylbenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.71	0.50
1,2,4-Trimethylbenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ū	1	0.71	0.50
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td>Ŭ</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ŭ	1	0.71	0.50
1.3-Dichlorobenzene	<srl< td=""><td>Ü</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ü	1	0.71	0.50
1.4-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ū	1	0.71	0.50
1,2-Dichlorobenzene	<srl< td=""><td>Ū</td><td>1</td><td>0.71</td><td>0.50</td></srl<>	Ū	1	0.71	0.50
1.2.4-Trichlorobenzene	<srl< td=""><td>Ü</td><td>i</td><td>0.71</td><td>0.50</td></srl<>	Ü	i	0.71	0.50
Hexachlorobutadiene	<srl< td=""><td>ŭ</td><td>i</td><td>0.71</td><td>0.50</td></srl<>	ŭ	i	0.71	0.50
BFB-Surrogate Std. % Recovery	1 31.00	97%		· Ablebus	70-130%





QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 12/13/2023

MATRIX: High Purity N2

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-04

CALIBRATION STD ID: MS1-112823-01

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 11/30/2023 Calibration

Analyte Compounds	Source 1	CCV ²	% Recovery 3
4-BFB (surrogate standard)	9.40	9.65	103
Chlorodifluoromethane	10.30	8.90	86
Propene	10.70	7.50	70
Dichlorodifluoromethane	10.40	10.29	99
Dimethyl Ether	10.20	8.01	79
Chloromethane	10.50	8.11	77
Dichlorotetrafluoroethane	10,20	10.01	98
Vinyl Chloride	10.60	9.16	86
Acetaldehyde	21.00	17.06	81
Methanol	19.00	17.35	91
1,3-Butadiene	10.70	9,01	84
Bromomethane	10.40	9,98	96
Chloroethane	10.40	8.89	85
Dichlorofluoromethane	10.20	9.23	90
Ethanol	11.40	9.73	85
Vinyl Bromide	10.10	9.89	98
Acrolein	10.90	9.43	87
Acetone	10.60	9.14	86
Trichlorofluoromethane	10.50	10.31	98
2-Propanol (IPA)	11.00	9.22	84
Acrylonitrile	11.00	9.85	90
1,1-Dichloroethene	10.50	10.00	95
Methylene Chloride (DCM)	10.40	9.49	91
TertButanol (TBA)	11.10	9.80	88
Allyl Chloride	10.20	8.76	86
Carbon Disulfide	10.50	9.82	94
Trichlorotrifluoroethane	10.30	9.79	95
trans-1,2-Dichloroethene	10.80	10.74	99
1,1-Dichloroethane	10.70	9.60	90
Methyl Tert Butyl Ether (MTBE)	10.70	9.61	90
Vinyl Acetate	11.00	9.02	82
2-Butanone (MEK)	10.70	9.81	92
cis-1,2-Dichloroethene	10.70	10.59	99
Hexane	10.80	9.48	88
Chloroform	10.70	10.10	94
Ethyl Acetate	10.70	8.73	82
Tetrahydrofuran	10.40	9.22	89
1,2-Dichloroethane	10.60	9.76	92
1,1,1-Trichloroethane	10.50	9,88	94
Benzene	10,70	10.05	94
Carbon Tetrachloride	10.30	9.91	96
Cyclohexane	10.50	9.62	92

Analyte Compounds (Continued)	Source 1	CCV ²	% Recovery 3
1,2-Dichloropropane	10.70	9,16	86
Bromodichloromethane	10.50	9,98	95
1,4-Dioxane	10.50	9.86	94
Trichloroethene (TCE)	10.50	10.30	98
2,2,4-Trimethylpentane	10.10	8.73	86
Methyl Methacrylate	11.00	9.67	88
Heptane	10.50	9.93	95
cis-1,3-Dichloropropene	10.50	9.34	89
4-Methyl-2-pentanone (MiBK)	10.50	9.00	86
trans-1,3-Dichloropropene	10.60	9,65	91
1,1,2-Trichloroethane	10.60	9.77	92
Toluene	10.80	10.13	94
2-Hexanone (MBK)	10.50	9.19	88
Dibromochloromethane	10.60	9.90	93
1,2-Dibromoethane	10.60	10.11	95
Tetrachloroethene (PCE)	10.50	10.23	97
Chlorobenzene	10.80	10.32	96
Ethylbenzene	10.60	10.05	95
m & p-Xylene	21.20	19.92	94
Bromoform	10.60	9.89	93
Styrene	10.60	10.05	95
1,1,2,2-Tetrachloroethane	10.60	9.37	88
o-Xylene	10.60	9.83	93
1,2,3-Trichloropropane	11.00	10.67	97
Isopropylbenzene (Cumene)	10.40	9.85	95
α-Pinene	10.80	8.83	82
2-Chlorotoluene	10.30	10.19	99
n-Propylbenzene	10.10	9.75	97
4-Ethyltoluene	10.40	9.89	95
1,3,5-Trimethylbenzene	10.30	9.88	96
β-Pinene	10.90	13.49	124
1,2,4-Trimethylbenzene	10.30	9.80	95
Benzyl Chloride (a-Chlorotoluene)	10.30	8.25	80
1,3-Dichlorobenzene	10.30	10.06	98
1,4-Dichlorobenzene	10.20	9.97	98
Sec-ButylBenzene	10.10	9.41	93
1,2-Dichlorobenzene	10.40	10.13	97
n-ButylBenzene	10.30	9.54	93
1,2-Dibromo-3-Chloropropane	10.30	9.16	89
1,2,4-Trichlorobenzene	10.50	9.86	94
Naphthalene	10.90	10.53	97
Hexachlorobutadiene	10.80	9.29	86

Concentration of analyte compound in certified source standard.

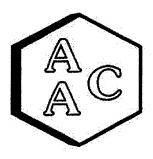
* - β-Pinene results are estimated.



² Measured result from daily Continuing Calibration Verification (CCV).

³ The appearable space for applying recognition (CCV).

 $^{^3}$ The acceptable range for analyte recovery is 100±30%.



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 12/13/2023

INSTRUMENT ID: GC/MS-04

MATRIX: High Purity N2

CALIBRATION STD ID: MS1-112823-01

UNITS: PPB (v/v)

ANALYST: DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

	Sample	Spike	LCS ¹	LCSD I	LCS ¹	LCSD 1	RPD ³
System Monitoring Compounds	Concentration	Added	Recovery	Recovery	% Recovery 2	% Recovery 2	KFD
4-BFB (surrogate standard)	0.0	9.40	9.65	9.55	103	102	1.0
1,1-Dichloroethene	0.0	10.50	10.00	9.81	95	93	1.9
Methylene Chloride (DCM)	0.0	10.40	9.49	9.21	91	89	3.0
Benzene	0.0	10.70	10.05	9.99	94	93	0.6
Trichloroethene (TCE)	0.0	10.50	10.30	10.17	98	97	1.3
Toluene	0.0	10.80	10.13	10.11	94	94	0.2
Tetrachloroethene (PCE)	0.0	10.50	10.23	10.29	97	98	0.6
Chlorobenzene	0.0	10.80	10.32	10.30	96	95	0.2
Ethylbenzene	0.0	10.60	10.05	9.93	95	94	1.2
m & p-Xylene	0.0	21.20	19.92	19.71	94	93	1.1
o-Xylene	0.0	10.60	9.83	9.81	93	93	0.2

¹ Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)



 $^{^2}$ The acceptable range for analyte recovery is 100 \pm 30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 12/13/2023

INSTRUMENT ID: GC/MS-04

MATRIX: High Purity He or N2

ANALYST: DL

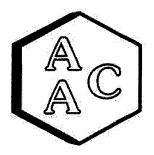
UNITS: PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 121323	Reporting Limit (RL)
4-BFB (surrogate standard)	97%	100±30%
Chlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Propene	<rl< td=""><td>1.0</td></rl<>	1.0
Dichlorodifluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dimethyl Ether	<rl< td=""><td>0.5</td></rl<>	0.5
Chloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorotetrafluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Chloride	<rl< td=""><td>0.5</td></rl<>	0.5
Acetaldehyde	<rl< td=""><td>5.0</td></rl<>	5.0
Methanol	<rl< td=""><td>5.0</td></rl<>	5.0
1,3-Butadiene	<rl< td=""><td>0.5</td></rl<>	0.5
Bromomethane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Dichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
Ethanol	<rl< td=""><td>2.0</td></rl<>	2.0
Vinyl Bromide	<rl< td=""><td>0.5</td></rl<>	0.5
Acrolein	<rl< td=""><td>1.0</td></rl<>	1.0
Acetone	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorofluoromethane	<rl< td=""><td>0.5</td></rl<>	0.5
2-Propanol (IPA)	<rl< td=""><td>2.0</td></rl<>	2.0
Acrylonitrile	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Methylene Chloride (DCM)	<rl< td=""><td>1.0</td></rl<>	1.0
TertButanol (TBA)	<rl< td=""><td>0.5</td></rl<>	0.5
Allyl Chloride	<rl< td=""><td>1.0</td></rl<>	1.0
Carbon Disulfide	<rl< td=""><td>2.0</td></rl<>	2.0
Trichlorotrifluoroethane	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Tert Butyl Ether (MTBE)	<rl< td=""><td>0.5</td></rl<>	0.5
Vinyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
2-Butanone (MEK)	<rl< td=""><td>1.0</td></rl<>	1.0
cis-1,2-Dichloroethene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexane	<rl< td=""><td>0.5</td></rl<>	0.5
Chloroform	<rl< td=""><td>0.5</td></rl<>	0.5
Ethyl Acetate	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrahydrofuran	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,1-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Benzene	<rl< td=""><td>0.5</td></rl<>	0.5
Carbon Tetrachloride	<rl< td=""><td>0.5</td></rl<>	0.5
Cyclohexane	<rl< td=""><td>0.5</td></rl<>	0.5

Analyte Compounds (Continued)	MB 121323	Reporting Limit (RL)
1,2-Dichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Bromodichloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,4-Dioxane	<rl< td=""><td>1.0</td></rl<>	1.0
Trichloroethene (TCE)	<rl< td=""><td>0.5</td></rl<>	0.5
2,2,4-Trimethylpentane	<rl< td=""><td>0.5</td></rl<>	0.5
Methyl Methacrylate	<rl< td=""><td>0.5</td></rl<>	0.5
Heptane	<rl< td=""><td>0.5</td></rl<>	0.5
cis-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Methyl-2-pentanone (MiBK)	<rl< td=""><td>0.5</td></rl<>	0.5
trans-1,3-Dichloropropene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2-Trichloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
Toluene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Hexanone (MBK)	<rl< td=""><td>1.0</td></rl<>	1.0
Dibromochloromethane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromoethane	<rl< td=""><td>0.5</td></rl<>	0.5
Tetrachloroethene (PCE)	<rl< td=""><td>0.5</td></rl<>	0.5
Chlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Ethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
m & p-Xylene	<rl< td=""><td>1.0</td></rl<>	1.0
Bromoform	<rl< td=""><td>0.5</td></rl<>	0.5
Styrene	<rl< td=""><td>0.5</td></rl<>	0.5
1,1,2,2-Tetrachloroethane	<rl< td=""><td>0.5</td></rl<>	0.5
o-Xylene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,3-Trichloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
Isopropylbenzene (Cumene)	<rl< td=""><td>0.5</td></rl<>	0.5
α-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
2-Chlorotoluene	<rl< td=""><td>0.5</td></rl<>	0.5
n-Propylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
4-Ethyltoluene	<rl< td=""><td>0.5</td></rl<>	0.5
1,3,5-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
β-Pinene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trimethylbenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Benzyl Chloride (a-Chlorotoluene)	<rl< td=""><td>0.5</td></rl<>	0.5
1,3-Dichlorobenzene	<rl< td=""><td>0,5</td></rl<>	0,5
1,4-Dichlorobenzene	<rl< td=""><td>0,5</td></rl<>	0,5
Sec-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
n-ButylBenzene	<rl< td=""><td>0.5</td></rl<>	0.5
1,2-Dibromo-3-Chloropropane	<rl< td=""><td>0.5</td></rl<>	0.5
1,2,4-Trichlorobenzene	<rl< td=""><td>0.5</td></rl<>	0.5
Naphthalene	<rl< td=""><td>0.5</td></rl<>	0.5
Hexachlorobutadiene	<rl< td=""><td>0.5</td></rl<>	0.5



QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE: 12/13/2023

MATRIX : Air

UNITS: PPB (v/v)

INSTRUMENT ID: GC/MS-04

ANALYST: DL

DILUTION FACTOR¹: x1.42

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 232585-52468

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	9.26	9.20	0.7
Chlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA .</td></srl<></td></srl<>	<srl< td=""><td>NA .</td></srl<>	NA .
Propene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Dichlorodifluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dimethyl Ether	1.06	1.02	4.1
Chloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dichlorotetrafluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetaldehyde	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methanol	10.8	10.8	0.3
1,3-Butadiene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Bromomethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroethane	<srl< td=""><td><srl< td=""><td>ŅΑ</td></srl<></td></srl<>	<srl< td=""><td>ŅΑ</td></srl<>	ŅΑ
Dichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Ethanol	42.9	40.6	5.5
Vinyl Bromide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrolein	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acetone	7.22	7.04	2.6
Trichlorofluoromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Propanol (IPA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Acrylonitrile	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1-Dichloroethene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Methylene Chloride (DCM)	<srl< td=""><td><srl< td=""><td>, NA</td></srl<></td></srl<>	<srl< td=""><td>, NA</td></srl<>	, NA
TertButanol (TBA)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Allyl Chloride	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Carbon Disulfide	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichlorotrifluoroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
1,1-Dichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Tert Butyl Ether (MTBE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Vinyl Acetate	<srl< td=""><td><\$RL</td><td>NA</td></srl<>	<\$RL	NA
2-Butanone (MEK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,2-Dichloroethene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chloroform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethyl Acetate	0.85	0.82	3.4
Tetrahydrofuran	0.75	0.81	7.3
1,2-Dichloroethane	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
1,1,1-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Benzene	0.77	0.77	0.0
Carbon Tetrachloride	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
Cyclohexane	<srl< td=""><td><srl< td=""><td>N,4</td></srl<></td></srl<>	<srl< td=""><td>N,4</td></srl<>	N,4

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromodichloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dioxane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Trichloroethene (TCE)	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
2,2,4-Trimethylpentane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Methyl Methacrylate	<srl< td=""><td><srl< td=""><td>N,A</td></srl<></td></srl<>	<srl< td=""><td>N,A</td></srl<>	N,A
Heptane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
cis-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Methyl-2-pentanone (MiBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
trans-1,3-Dichloropropene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,1,2-Trichloroethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Toluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
2-Hexanone (MBK)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Dibromochloromethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromoethane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Tetrachloroethene (PCE)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Chlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Ethylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
m & p-Xylene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Bromoform	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Styrene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
1,1,2,2-Tetrachloroethane	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
o-Xylene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
1,2,3-Trichloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Isopropylbenzene (Cumene)	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
α-Pinene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
2-Chlorotoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-Propylbenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
4-Ethyltoluene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,3,5-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
β-Pinene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
1,2,4-Trimethylbenzene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
Benzyl Chloride (a-Chlorotoluene)	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A
1,3-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,4-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA.</td></srl<></td></srl<>	<srl< td=""><td>NA.</td></srl<>	NA.
Sec-ButylBenzene	<srl< td=""><td><srl< td=""><td>N.4</td></srl<></td></srl<>	<srl< td=""><td>N.4</td></srl<>	N.4
1,2-Dichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
n-ButylBenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2-Dibromo-3-Chloropropane	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
1,2,4-Trichlorobenzene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Naphthalene	<srl< td=""><td><srl< td=""><td>NA</td></srl<></td></srl<>	<srl< td=""><td>NA</td></srl<>	NA
Hexachlorobutadiene	<srl< td=""><td><srl< td=""><td>N.A</td></srl<></td></srl<>	<srl< td=""><td>N.A</td></srl<>	N.A

Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.



² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

Issued 02/04/2021

CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

			0	Castoal is a c	F 000	2141214	וויילאוכינכ מוו וביי	Palit lights.	<
Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite	ng · Phone: 805	-650-1642 ·	Email: info@	aaclab.com	1534 Eastn	nan Ave Su		A, Ventura, CA 93003	AAC Project No.:
COS ENICTNIEEDS	Project Name	•				Anal	Analysis Requested	đ	Send Report To (Name/Email/Address)
Project Manager Name	Project Number	-	I AHO) NO 1			3		-	pschafer@scsengineers.com
PAUL SCHAFER	01204123.21	.21 TASK 22	22			Т			rhuff@scsengineers.com
Turnaround Time	Sampler Name	1e			JR	LIS	ı		Send Invoice To (Name/Email/Address)
ı —	Print: Armando		Hurado	***************************************	LFU	LL			
☑ Rush 72 h ☐ Normal	Signature: 0		1	·	SU	5 FU			PO Number
					7.91	-15			
Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307	ТО			
MS-06	52467	12/12	1H1	SUMMA	×	×			I Deadly
MS-07	52468		1000	1	×	×			SOUTH THE STATE OF
M5-08	52769		0931	1	×	×			
PO-64	52770		0920	1	×	×	•		
WS-10	5247		0909		×	×			
11. CM	52472		1206	1	×	*			。 第二章
21.52.1	52477		0939	1	×	×			Acquir Section 1
2 Unto	52474		0952		×	×			
O End Lincoln	52475		Shbo	1	×	×			Topil and
NJC	52476	4	0858	4	×	×			
				$\sqrt{}$,			
lient Notes/Special Instructions				\ -					
							EDD?		
						N. 4 M	ONO		
rint: Armando Hurtado		Date (2/12	Received By	1			Date		
ignature: L. J. H.		Time 1330	Signature:			•	Time		
rint:		Date	Received By)			Date (1/2/2)		
ignature:		Time	Signature:	1	1	•	Time ()30		一
			0						

737582



CHAIN OF CUSTODY AND ANALYSIS REQUEST -- Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Su	ing · Phone: 805	-650-1642 ·	Email: info@	aaclab.com ·	1534 Eastr	nan Ave Su	ite A, Ventura, CA 93003	, CA 93003	AAC Project No.:
Client/Company Name	Project Name					Anal	ysis Requested	4	Send Report To (Name/Email/Address)
SCS ENGINEERS	CHIQUITA		KON / OFF]						nochafar Doctor Com
DATH SCHAFFE	Project Number	-							pschale @scsengineers.com
FAUL SCHAFER	01204123.	01204123.21 TASK 22	2			Т	***************************************		rhuff@scsengineers.com
Turnaround Time	Sampler Name	ie .	-		JR	LIS	,		Send Invoice To (Name/Email/Address)
☐ Rush 24 h ☐ Same Day	Print: Imando	ndo Hor	Madro		FU	LL I			JOIN HITCHCE TO (Maille/ cinery/Address)
Rush 48 h 🔲 5 Days	- 111 mm /	1/1/2	12		UI	UI	-		
П	Signature:	all me	*		1 S	5 F	•		PO Number
		Sampling	Sampling	Container	7.9	D-1			ANOSKI BY A
clieffe Sample Name	Sample ID		Time		30	Т	,		
10-51	52477	12/12	14.A. 1033	0/1	×	×			
MS-02	52478		1116	+	X	×			
WS-03	52479		1139	1	X	×			
MS-09	52480		1053	1	X	×			
W>-0>	18455		1018	+	X	×			
Tract-105	52482		1103	1	X	×			
Norking tace	52483	<	1127	7	X	×			
									ing land
			ľ						
Client Notes (Special Indiana)									137.3
client Notes/Special Instructions:							EDD?		
						*	□Yes		
- 1		Date 12/12	Received Ry				7		
Signature: Sel 1886		_	Print:			•	Date		
Relinquished By Print:		Date	Received By	1			Date		
Signature:			Signature:	1	1		100 000		· · · · · · · · · · · · · · · · · · ·
			0		į		(/) O		

AAC COC Rev 3

Issued 02/04/2021

Page___of__



CLIENT

: SCS Engineers

PROJECT NAME

: Chiquita [ON / OFF]

PROJECT NUMBER

: 01204123.21 TASK 22

AAC PROJECT NO.

: 232585

REPORT DATE

: 12/18/2023

On December 12th 2023, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Six-Liter Silonite Canisters for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Return Pressure	Client ID	Lab No.	Return Pressure
MS-06	232585-52467	237.5	SCV	232585-52476	736.0
MS-07	232585-52468	719.5	MS-01	232585-52477	718.5
MS-08	232585-52469	742.0	MS-02	232585-52478	715.0
MS-09	232585-52470	736.0	MS-03	232585-52479	719.0
MS-10	232585-52471	752.5	MS-04	232585-52480	704.0
MS-11	232585-52472	687.0	MS-05	232585-52481	669.5
MS-12	232585-52473	739.5	Reaction	232585-52482	711.5
Chiquita Cyn Rd	232585-52474	767.5	Working Face	232585-52483	720.5
S End Lincoln	232585-52475	739.0			

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Pakinar, Ph.1 Pechnical Director

This report consists of 8 pages.



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232585 MATRIX: AIR

UNITS: ppmv

SAMPLING DATE: 12/12/2023

RECEIVING DATE: 12/12/2023 ANALYSIS DATE: 12/15/2023

REPORT DATE: 12/18/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09	MS-10	MS-11
AAC ID	232585-52467	232585-52468	232585-52469	232585-52470	232585-52471	232585-52472
Canister Dil. Fac.	4.3	1.4	1.4	1.4	1.4	1.5
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.043	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
COS / SO2	< 0.043	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Methyl Mercaptan	< 0.043	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Ethyl Mercaptan	< 0.043	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Dimethyl Sulfide	< 0.043	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Carbon Disulfide	< 0.043	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Isopropyl Mercaptan	< 0.043	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
tert-Butyl Mercaptan	< 0.043	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
n-Propyl Mercaptan	< 0.043	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Methylethylsulfide	< 0.043	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
sec-Butyl Mercaptan / Thiophene	< 0.043	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
iso-Butyl Mercaptan	< 0.043	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Diethyl Sulfide	< 0.043	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
n-Butyl Mercaptan	< 0.043	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Dimethyl Disulfide	< 0.043	< 0.014	. < 0.014	< 0.014	< 0.014	< 0.015
2-Methylthiophene	< 0.043	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
3-Methylthiophene	< 0.043	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Tetrahydrothiophene	< 0.043	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Bromothiophene	< 0.043	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Thiophenol	< 0.043	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Diethyl Disulfide	< 0.043	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Total Unidentified Sulfur	< 0.043	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Total Reduced Sulfurs	< 0.043	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015

All unidentified compound's concentrations expressed in terms of H₂S



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO.: 232585

MATRIX : AIR UNITS : ppmv

SAMPLING DATE: 12/12/2023

RECEIVING DATE: 12/12/2023 ANALYSIS DATE: 12/15/2023 REPORT DATE: 12/18/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-12	Chiquita Cyn Rd	S End Lincoln	SCV	MS-01	MS-02
AAC ID	232585-52473	232585-52474	232585-52475	232585-52476	232585-52477	232585-52478
Canister Dil. Fac.	1.4	1.3	1.4	1.4	1.4	1.4
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014
COS / SO2	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014
Methyl Mercaptan	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014
Ethyl Mercaptan	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014
Dimethyl Sulfide	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014
Carbon Disulfide	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014
Isopropyl Mercaptan	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014
tert-Butyl Mercaptan	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014
n-Propyl Mercaptan	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014
Methylethylsulfide	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014
sec-Butyl Mercaptan / Thiophene	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014
iso-Butyl Mercaptan	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014
Diethyl Sulfide	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014
n-Butyl Mercaptan	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014
Dimethyl Disulfide	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014
2-Methylthiophene	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014
3-Methylthiophene	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014
Tetrahydrothiophene	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014
Bromothiophene	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014
Thiophenol	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014
Diethyl Disulfide	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014
Total Unidentified Sulfur	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014
Total Reduced Sulfurs	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014

All unidentified compound's concentrations expressed in terms of H₂S



LABORATORY ANALYSIS REPORT

CLIENT: SCS Engineers

PROJECT NO. : 232585

MATRIX : AIR

UNITS: ppmv

SAMPLING DATE: 12/12/2023

RECEIVING DATE: 12/12/2023

ANALYSIS DATE: 12/15/2023

REPORT DATE: 12/18/2023

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-03	MS-04	MS-05	Reaction	Working Face
AAC ID	232585-52479	232585-52480	232585-52481	232585-52482	232585-52483
Canister Dil. Fac.	1.4	1.4	1.5	1.4	1.4
Analyte	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014
COS / SO2	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014
Methyl Mercaptan	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014
Ethyl Mercaptan	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014
Dimethyl Sulfide	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014
Carbon Disulfide	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014
Isopropyl Mercaptan	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014
tert-Butyl Mercaptan	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014
n-Propyl Mercaptan	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014
Methylethylsulfide	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014
sec-Butyl Mercaptan / Thiophene	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014
iso-Butyl Mercaptan	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014
Diethyl Sulfide	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014
n-Butyl Mercaptan	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014
Dimethyl Disulfide	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014
2-Methylthiophene	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014
3-Methylthiophene	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014
Tetrahydrothiophene	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014
Bromothiophene	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014
Thiophenol	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014
Diethyl Disulfide	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014
Total Unidentified Sulfur	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014
Total Reduced Sulfurs	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014

All unidentified compound's concentrations expressed in terms of H₂S



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 12/15/2023 Analyst: KM

Units: ppbV

Instrument ID: SCD#10 Calb. Date:: 07/11/2022

Opening Calibration Verification Standard

499 8 nnhV H2S (SSI 289)

499.8 ppbV H2S (SS128	9)			
H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1810	491	98.3	1.6
Duplicate	1835	498	99.6	0.3
Triplicate	1875	509	101.8	1.9

547.5 ppbV H2S (SS1289)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2360	547	100.0	0.3
Duplicate	2401	. 557	101.7	2.0
Triplicate	2301	534	97.5	2.3

479.0 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2434	460	96.1	1.5
Duplicate	2532	479	99,9	2.4
Triplicate	2449	463	96.7	0.9

Method Blank

Analyte	Result
H ₂ S	<pql< td=""></pql<>
MeSH	<pql< th=""></pql<>
DMS	<pql< td=""></pql<>

Duplicate Analysis Sample ID 231187-45761

A Uparente I AAAAA, Di			Ottili pre 12	201101 10101
Analyte Sample Duplicate Result Result		Mean	% RPD ***	
H ₂ S	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
MeSH	<pql< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0
DMS	<pol< td=""><td><pql< td=""><td>0.0</td><td>0.0</td></pql<></td></pol<>	<pql< td=""><td>0.0</td><td>0.0</td></pql<>	0.0	0.0

Matrix Spike & Duplicate Sample ID 231438-46986 x2

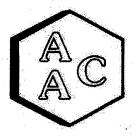
Analyte	Sample	Spike	MS	MSD	MS	MSD	% RPD ***
Timaryte	Conc.	Added	Result	Result	% Rec **	% Rec **	70102
H ₂ S	<pql< td=""><td>249.9</td><td>251.5</td><td>266.1</td><td>100.6</td><td>106.5</td><td>5.7</td></pql<>	249.9	251.5	266.1	100.6	106.5	5.7
MeSH	<pql< td=""><td>273.8</td><td>277.0</td><td>268.8</td><td>101.2</td><td>98.2</td><td>3.0</td></pql<>	273.8	277.0	268.8	101.2	98.2	3.0
DMS	<pql< td=""><td>239.5</td><td>246.6</td><td>259.9</td><td>103.0</td><td>108.5</td><td>5.2</td></pql<>	239.5	246.6	259.9	103.0	108.5	5.2

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	499.8	494.8	99.0
MeSH	547.5	593.1	108.3
DMS	479.0	505.6	105.6

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD fro ssAS

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbVDMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV



Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 12/15/2023

Analyst: CM/KM Units: ppmV Instrument ID: SCD-BTU Calb. Date:: 6/13/23

Opening Calibration Verification Standard

0,500 ppbV H2S (SS1289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	855	0.492	98.4	1.2
Duplicate	875	0.504	100.8-	1.2
Triplicate	865	0.498	99.6	0.0

0.548 ppbV/H28 (SS1289)

| MeSH | Resp

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	904	0.549	100.4	0.2
Duplicate	901	0.548	100.0	0.2
Triplicate	903	0.549	100.2	0.0

0.479 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	892	0.492	102.7	3,8
Duplicate	835	0.461	96.2	2.8
Triplicate	850	0.469	97.8	1.1

Method Blank

Analyte	Result
H ₂ S	<pql< td=""></pql<>
MeSH	<pql< td=""></pql<>
DMS	<pql< td=""></pql<>

Duplicate Analysis Sample ID 231721-48283

^ Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
II ₂ S	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
MeSII	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0
DMS	<pql< td=""><td><pql< td=""><td>0.000</td><td>0.0</td></pql<></td></pql<>	<pql< td=""><td>0.000</td><td>0.0</td></pql<>	0.000	0.0

Matrix Spike & Duplicate 231721-48283 x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H ₂ S	<pql< td=""><td>0.250</td><td>0.263</td><td>0.251</td><td>105.3</td><td>100.5</td><td>4.7</td></pql<>	0.250	0.263	0.251	105.3	100.5	4.7
MeSH	<pql< td=""><td>0.274</td><td>0.292</td><td>0.274</td><td>106.7</td><td>100.1</td><td>6.4</td></pql<>	0.274	0.292	0.274	106.7	100.1	6.4
DMS	<pql< td=""><td>0.240</td><td>0.247</td><td>0.247</td><td>103.1</td><td>103.1</td><td>0.0</td></pql<>	0.240	0.247	0.247	103.1	103.1	0.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.500	0.545	109.1
MeSH	0.548	0.562	102.6
DMS	0.479	0.488	101.9

^{*} Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, *** Must be < 5% RPD from Mean result.

PQL 50.0 pphV

AIDL 1.1 ppb1

Issued 02/04/2021

		5	A
1	6	7	Ĵ

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com ·	ng · Phone: 80	-650-164Z ·	Email: info@	aaclab.com ·	1534 Eastman Ave Suite	nan Ave Su	te A, Vent	A, Ventura, CA 93003	JU3	AAC Project No.:	
SCS ENGINEERS	CHIOUITA	>	ON /(OF)			Arialy		Led Led		Seisu nepoit io (name/emailyaburess)	Name/Emany.vuu ess
Project Manager Name	Project Number	•		,						pschater@scsengineers.com	engineers.com
PAUL SCHAFER	01204123.21	.21 TASK 22	22			T				rhuff@scsengineers.com	ineers.com
Turnaround Time	Sampler Name	ie .			JR	LIS			hranton gara-	Send Invoice To (Name/Email/Address)	Name/Email/Address
□ Rush 24 h □ Same Day	Print: Hyman	8	wrado		LFU	JLL		·			
	Signature:				1 SU	5 F	-			PO Number	
	•				7.9)-1					
Client Sample Name	Sample ID	Date	Sampling	Container Tyne/Ohy	307	TC					
MS-06	27467	12/13	1147	SUMBIO	۲	<					
MS-07	といいま	-	1000	1	<	<					SANCE
M5-08	52769		0931		<	×					
MS-09	J2170		0920		×	×					
WS-10	7247		0909		×	<					
MS-11	グマリフン		1206		×	Χ:					
12	52477		0939		×	×					
guito	72474		0952		×	×					
o End Lincoln	52475		Shbo	1	×	×					Total date:
SCV	52476	4	0858	4	×	×		;			
							·				
Clent Notes/Special Instructions:							EDD?				
							□Yes				
		•					CNO				
Relinquished By		Date 2/12	Received By	4	***************************************		Date				
Signature: 01 Officer			Print:								
Relinquished By		Date 1220	oignature:				Time				大
		i de c	Print:	\			Date	>			
Print:				\	/					""。"我们是我们的一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个	を は の の の の の の の の の の の の の の の の の の

AAC COC Rev 3

sued
22/
04/
2021

1	≫	
	6) ,
. `	Marchine	-

Atmospheric Analysis and Consulati	MINETOIS	אבעטבטו	- Chain of	- Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields	EGAL DOC	JMENT. Co.	mplete all	relevant ne	yds.	
Client/Company Name Project Name Ana	Project Name	TOTOL STORY	Trion. IIII O	990898.0011	Dept foct	Analy	lysis Requested	sted	903	Send Report To (Name/Email/Address)
Project Manager Name	CHIQUITA	A KON / OFF	OFF]							pschafer@scsengineers.com
PAUL SCHAFER	01204123.21	01204123.21 TASK 22	2			Т				rhuff@scsengineers.com
Turnaround Time	Sampler Name	ē ,	-		JR	LIS				Send Invoice To (Name/Email/Address)
□ Rush 24 h □ Same Day	Print: //mando	7	furtado		LFU	JLL	· · · ·			
☑ Rush 72 h ☐ Normal	Signature:	AN SE	The state of the s)1 SU	15 FI				PO Number
Client Sample Name	Sample ID	₫.	Sampling	Container	307.9	ΓΟ-:			* · · · · · · · · · · · · · · · · · · ·	
200		1_	‡± ime	Type/Qty		,				
20-00	52477	15/10		ON MAN	×	×			,	Linux
ころうつい	22478		1116	1	Х	×				HOUR
1000	9 7. H. J.		1139	1	X	×				Dank.
MONUT	52480		1053	\ \	×	×				
MS-C>	18h25		1018	1	×	×				
, -	52482		1103	+	×	×				
Mos King Face	52483	<	1127	#	X	×				A CHIM
							-			Toulleas
	The last value of the last val									July and Coll
cilent Notes/Special Instructions:							EDD?			
				, e			□Yes			
			•	· · · · · · · · · · · · · · · · · · ·			□ No			
Relinquished By		Date 12/12	Received By	The state of the s			Date			
ure: D B		Time 13 30	Signature:				1			
Reinquished By Print:		Date	Received By	1			Date	,		
Signature:		Time	Signature:	1			Time ()	030		· · · · · · · · · · · · · · · · · · ·
				1				AN ALL DISCOURTS	SALK CANDERSON SALES SAL	