

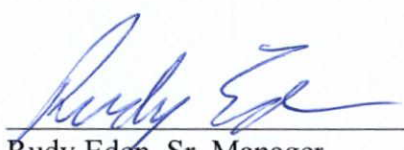
**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Dr., Diamond Bar, CA 91765-4182**

**MONITORING & ANALYSIS
REPORT OF LABORATORY ANALYSIS**

TO: Cher Snyder Assistant DEO Engineering and Compliance	LABORATORY NO: <u>1606134</u>
	REFERENCE NO: <u>GC6-3-78</u>
SAMPLE DESCRIPTION: 24 hour Sample Canister: 54679	DATE SAMPLED: <u>03/01/16</u>
	DATE RECEIVED: <u>03/01/16</u>
	DATE ANALYZED: <u>03/04/16</u>
SAMPLE LOCATION: Reseda Station 18328 Gault St. Los Angeles, CA 91335	ANALYZED BY: <u>Yang Song</u>
	REQUESTED BY: <u>Sumner Wilson</u>

ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS
Volatile Organic Compounds (VOC) by Gas Chromatography(GC)
and Flame Ionization Detection (FID)

Note: 1. See attached for speciated results.
2. This is the A sample of a duplicate sample set.
Sample B was invalid due to a sampling pump failure.

Date Approved: 3/8/16 Approved By: 
Rudy Eden, Sr. Manager
Laboratory Services Branch
(909) 396-2391

LAB NO: 1606134
Location: Reseda Station

ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS

Quantitation of Organic Compounds by Gas Chromatography(GC) and
Flame Ionization Detection (FID)

Sample Date	03/01/16	
Canister	54679	
Sampling Location	Reseda Station	Ambient Air
Total NMOC, ppbC	311	100-700 ppbC
<u>Compound</u>	<u>Conc. (ppbv)</u>	<u>Conc. (ppbv)</u>
ethylene	4.2	0.7-4.1
acetylene	3.2	
propane	7.5	0.4-5.0
propylene	1.1	0.2-0.7
isobutane	2.1	0.2-0.9
n-butane	5.2	0.3-1.7
1-butene	0.2	0.1-0.3
trans-2-butene	<0.1	
cis-2-butene	<0.1	
isopentane	5.1	
1-pentene	<0.1	
n-pentane	1.2	0.1-0.6
isoprene	0.2	
trans-2-pentene	<0.1	
cis-2-pentene	<0.1	
2,2-dimethylbutane	0.2	
cyclopentane	0.1	
2,3-dimethylbutane	0.3	
2-methylpentane	0.8	
3-methylpentane	0.5	
1-hexene	<0.1	<0.1-0.1
n-hexane	0.5	0.1-0.2
methylcyclopentane	0.5	
2,4-dimethylpentane	0.3	
benzene	0.6	0.1-0.5
cyclohexane	0.2	
2-methylhexane	0.3	
2,3-dimethylpentane	0.4	
3-methylhexane	0.3	
2,2,4-trimethylpentane	0.6	
n-heptane	0.3	0.1-0.2
methylcyclohexane	0.2	

LAB NO: 1606134
Location: Reseda Station

ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS

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Flame Ionization Detection (FID)

Sample Date	03/01/16	
Canister	54679	
Sampling Location	Reseda Station	Ambient Air
Total NMOC, ppbC	311	100-700 ppbC
<u>Compound</u>	<u>Conc. (ppbv)</u>	<u>Conc. (ppbv)</u>
2,3,4-trimethylpentane	0.2	
toluene	1.8	0.1-0.6
2-methylheptane	0.1	
3-methylheptane	0.1	
n-octane	0.2	<0.1-0.3
ethylbenzene	0.2	0.1-0.2
m+p-xylenes	1.0	0.1-0.2
styrene	0.2	<0.1-0.2
o-xylene	0.3	0.1-0.2
n-nonane	0.2	<0.1-0.1
isopropylbenzene	<0.1	
n-propylbenzene	<0.1	
m-ethyltoluene	0.2	
p-ethyltoluene	<0.1	
1,3,5-trimethylbenzene	<0.1	
o-ethyltoluene	<0.1	
1,2,4-trimethylbenzene	0.3	
n-decane	<0.1	<0.1-0.1
1,2,3-trimethylbenzene	<0.1	
m-diethylbenzene	<0.1	
p-diethylbenzene	<0.1	
n-undecane	<0.1	<0.1
n-dodecane	<0.1	<0.1

NMOC = Non-Methane Organic Compounds
N.D. = Not Detected

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
SAMPLE ANALYSIS REQUEST**

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 I
 I
LAF

WO #: 1606134



TO: SCAQMD LAB: OTHER:

SOURCE NAME: Southern California Gas Co. I.D. No. _____

Source Address: 12801 Tampa Ave City: Porter Ranch

Mailing Address: _____ City: _____ Zip: 91326

Contact Person: _____ Title: _____ Tel: _____

Analysis Requested by: Sumner Wilson Date: 3/2/16

Approved by: Jason Low Office: _____ Budget #: 44716

REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill

Suspected Violation Rule(s) _____ Other

Sample Collected by: Qian Zhou Date: 3/2/16 Time: 10:30am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Reseda Station-A	54679	3/1/16 / 00:00 / 24 hours	<-30"	+13
Reseda Station-B*	54562	3/1/16 / 00:00 / 24 hours	<-30"	-4"
*Pump broken down, the sampler stopped, might be void.				

Relinquished by	Received by	Firm/Agency	Date	Time
<i>Zhouqian</i>	<i>SL</i>	SCAQMD Lab	3/1/16	12:06

Remarks: 1:3 scheduled samples from station at Reseda
Reseda Station - 18328 Gault St, Los Angeles, CA 91335
GPS (34.199225, -118.532743)
A: AQMD 0014394; B: AQMD 0016679