

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>1605814</u>
	REFERENCE NO: <u>GC6-121-77</u>
SAMPLE DESCRIPTION: 24 hour Sample Canister: 54691	DATE SAMPLED: <u>02/27/16</u>
	DATE RECEIVED: <u>02/29/16</u>
	DATE ANALYZED: <u>03/01/16</u>
SAMPLE LOCATION: Reseda Station 18328 Gault St. Los Angeles, CA 91335	ANALYZED BY: <u>Brian Sinajon</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: See attached for speciated results.

Date Approved: 03/04/16 Approved By: Rudy Eden
Rudy Eden, Sr. Manager/
Laboratory Services Branch
(909) 396-2391

LAB NO: 1605814
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	02/27/16	
Canister	54691	
Sampling Location	Reseda Station	Ambient Air
Total NMOC, ppbC	277	100-700 ppbC
<u>Compound</u>	<u>Conc. (ppbv)</u>	<u>Conc. (ppbv)</u>
ethylene	3.3	0.7-4.1
acetylene	2.4	
propane	7.3	0.4-5.0
propylene	0.8	0.2-0.7
isobutane	1.7	0.2-0.9
n-butane	4.3	0.3-1.7
1-butene	0.2	0.1-0.3
trans-2-butene	<0.1	
cis-2-butene	<0.1	
isopentane	4.9	
1-pentene	<0.1	
n-pentane	1.0	0.1-0.6
isoprene	0.2	
trans-2-pentene	<0.1	
cis-2-pentene	<0.1	
2,2-dimethylbutane	0.1	
cyclopentane	0.1	
2,3-dimethylbutane	0.2	
2-methylpentane	0.6	
3-methylpentane	0.4	
1-hexene	<0.1	<0.1-0.1
n-hexane	0.3	0.1-0.2
methylcyclopentane	0.4	
2,4-dimethylpentane	0.2	
benzene	0.5	0.1-0.5
cyclohexane	0.2	
2-methylhexane	0.2	
2,3-dimethylpentane	0.3	
3-methylhexane	0.2	
2,2,4-trimethylpentane	0.5	
n-heptane	0.2	0.1-0.2
methylcyclohexane	0.2	

LAB NO: 1605814
Location: Reseda Station

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Canister	54691	
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Total NMOC, ppbC	277	100-700 ppbC
<u>Compound</u>	<u>Conc. (ppbv)</u>	<u>Conc. (ppbv)</u>
2,3,4-trimethylpentane	0.1	
toluene	1.2	0.1-0.6
2-methylheptane	<0.1	
3-methylheptane	<0.1	
n-octane	<0.1	<0.1-0.3
ethylbenzene	0.2	0.1-0.2
m+p-xylenes	0.6	0.1-0.2
styrene	0.1	<0.1-0.2
o-xylene	0.3	0.1-0.2
n-nonane	<0.1	<0.1-0.1
isopropylbenzene	<0.1	
n-propylbenzene	<0.1	
m-ethyltoluene	0.1	
p-ethyltoluene	<0.1	
1,3,5-trimethylbenzene	<0.1	
o-ethyltoluene	<0.1	
1,2,4-trimethylbenzene	0.2	
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

WO #: 1605814



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

DIS
 INV
 LAF
LABORATORY

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: 2/29/16
 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: 2/29/16 Time: 9:40am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Reseda Station -A	10988	2/27/16 / 00:00 / 24 hours	<-30"	+11
Reseda Station -B	54691	2/27/16 / 00:00 / 24 hours	<-30"	+5

IC A
VOC

Relinquished by	Received by	Firm/Agency	Date	Time
zhongjian	Ningqing Ran	SCAQMD Lab	2/29/16	11:41

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