

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

**MONITORING & ANALYSIS
REPORT OF LABORATORY ANALYSIS**

TO: Jason Low, Ph.D.
Atmospheric Measurements Manager
Science and Technology Advancement

LABORATORY NO: 1616013

REFERENCE NO: GC6-121-99

SAMPLE DESCRIPTION:
24 hr Sample
Canister # 54633

DATE SAMPLED: 06/08/16

DATE RECEIVED: 06/09/16

DATE ANALYZED: 06/10/16

SAMPLE LOCATION:
Reseda Station
18328 Gault St.
Los Angeles, CA 91335

ANALYZED BY: Yang Song

REQUESTED BY: Sumner Wilson

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: 6/16/16

Approved By: 
Solomon Teffera, Acting Sr. Manager
Laboratory Services Branch
(909) 396-2199

LAB NO: 1616013
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	06/08/16	
Canister	54633	
Sampling Location	Reseda Station	Ambient Air
Total NMOC, ppbC	227	100-700 ppbC
<u>Compound</u>	<u>Conc. (ppbv)</u>	<u>Conc. (ppbv)</u>
ethylene	1.5	0.7-4.1
acetylene	1.1	
propane	3.3	0.4-5.0
propylene	0.4	0.2-0.7
isobutane	0.7	0.2-0.9
n-butane	1.1	0.3-1.7
1-butene	0.1	0.1-0.3
trans-2-butene	<0.1	
cis-2-butene	<0.1	
isopentane	4.9	
1-pentene	<0.1	
n-pentane	0.5	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	0.1	
2-methylpentane	0.3	
3-methylpentane	0.2	
1-hexene	<0.1	<0.1-0.1
n-hexane	0.2	0.1-0.2
methylcyclopentane	0.2	
2,4-dimethylpentane	0.1	
benzene	0.2	0.1-0.5
cyclohexane	<0.1	
2-methylhexane	0.1	
2,3-dimethylpentane	0.1	
3-methylhexane	0.1	
2,2,4-trimethylpentane	0.2	
n-heptane	0.1	0.1-0.2
methylcyclohexane	0.2	

LAB NO: 1616013
Location: Reseda Station

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Sampling Location	Reseda Station	Ambient Air
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<u>Compound</u>	<u>Conc. (ppbv)</u>	<u>Conc. (ppbv)</u>
2,3,4-trimethylpentane	<0.1	
toluene	0.6	0.1-0.6
2-methylheptane	0.5	
3-methylheptane	0.6	
n-octane	1.0	<0.1-0.3
ethylbenzene	<0.1	0.1-0.2
m+p-xylenes	1.3	0.1-0.2
styrene	<0.1	<0.1-0.2
o-xylene	0.2	0.1-0.2
n-nonane	0.7	<0.1-0.1
isopropylbenzene	<0.1	
n-propylbenzene	<0.1	
m-ethyltoluene	0.3	
p-ethyltoluene	0.1	
1,3,5-trimethylbenzene	0.1	
o-ethyltoluene	0.1	
1,2,4-trimethylbenzene	0.4	
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**

DISTRICT
 INVOICE
 LABORATORY
 LABOR

WO #: 1616013



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: 6/9/16
 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: 6/9/16 Time: 11:05pm

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Reseda Station	54633	6/8/16 / 00:00 / 24 hours	<-30"	>+15

Relinquished by	Received by	Firm/Agency	Date	Time
<i>zhongqian</i>	<i>John McLaughlin</i>	SCAQMD Lab	6-9-16	12:40

Remarks: 1:3 scheduled samples from station at Reseda.
 Reseda Station - 18328 Gault St, Los Angeles, CA 91335
 GPS (34.199225, -118.532743). Right sampler sn 6113