

**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:** \_\_\_\_\_ 1607013

**REFERENCE NO:** \_\_\_\_\_ GC6-121-79

**SAMPLE DESCRIPTION:**  
24 hour Sample  
Canister: E4231

**DATE SAMPLED:** \_\_\_\_\_ 03/10/16

**DATE RECEIVED:** \_\_\_\_\_ 03/11/16

**DATE ANALYZED:** \_\_\_\_\_ 03/12/16

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

**ANALYZED BY:** \_\_\_\_\_ Brian Sinajon

**REQUESTED BY:** \_\_\_\_\_ Sumner Wilson

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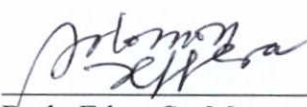
**ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS**

Volatile Organic Compounds (VOC) by Gas Chromatography (GC)  
and Flame Ionization Detection (FID)

- Note: 1. See attached for speciated results.  
2. This is the B sample of a duplicate sample set.  
The A sample was submitted for TCA analysis.

Date Approved: 3/17/2016

Approved By: \_\_\_\_\_

  
Rudy Eden, Sr. Manager  
Laboratory Services Branch  
(909) 396-2391

**Lab Number: 1607013**  
**Location: Reseda Station**

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**ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS**

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

<b>Sample Date</b>	03/10/16	
<b>Canister</b>	E4231	
<b>Sampling Location</b>	<b>Reseda Station</b>	<b>Ambient Air</b>
<b>Total NMOC, ppbC</b>	236	100-700
<b><u>Compound</u></b>	<b><u>Conc. (ppbv)</u></b>	<b><u>Conc. (ppbv)</u></b>
ethylene	3.1	0.7-4.1
acetylene	2.2	----
propane	7.3	0.4-5
propylene	0.9	0.2-0.7
isobutane	1.6	0.2-0.9
n-butane	3.4	0.3-1.7
1-butene	0.2	0.1-0.3
trans-2-butene	<0.1	----
cis-2-butene	<0.1	----
isopentane	6.4	----
1-pentene	<0.1	----
n-pentane	0.8	0.1-0.6
isoprene	0.1	----
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	0.3	----
2,4-dimethylpentane	0.2	----
benzene	0.4	0.1-0.5
cyclohexane	0.1	----
2-methylhexane	0.2	----
2,3-dimethylpentane	0.3	----
3-methylhexane	0.3	----
2,2,4-trimethylpentane	0.5	----
n-heptane	0.2	0.1-0.2

**Lab Number: 1607013**  
**Location: Reseda Station**

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**ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS**

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

<b>Sample Date</b>	03/10/16	
<b>Canister</b>	E4231	
<b>Sampling Location</b>	<b>Reseda Station</b>	<b>Ambient Air</b>
<b>Total NMOC, ppbC</b>	236	100-700
<b><u>Compound</u></b>	<b><u>Conc. (ppbv)</u></b>	<b><u>Conc. (ppbv)</u></b>
methylcyclohexane	0.2	----
2,3,4-trimethylpentane	0.2	----
toluene	1.3	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	0.7	0.1-0.2
Styrene	0.2	<0.1-0.2
o-xylene	0.2	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	0.3	----
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	<0.10
n-dodecane	<0.1	<0.10

N.D. = Not Detected

NMOC = Non-Methane Organic Compounds

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

WO #: 1607013



DIS  
 INV  
 LA  
LABO

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: 3/11/16  
 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: 3/11/16 Time: 9:40am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Reseda Station-A	54705	3/10/16 / 00:00 / 24 hours	<-30"	+11
Reseda Station-B	E4231	3/10/16 / 00:00 / 24 hours	<-30"	+12.5

TCA  
VOC

Relinquished by	Received by	Firm/Agency	Date	Time
<i>zhoupian</i>	<i>[Signature]</i>	SCAQMD Lab	3/11/16	11:37

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