

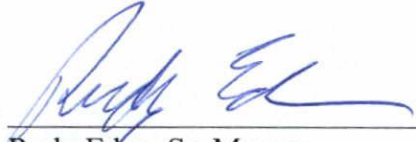
**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Dr., Diamond Bar, CA 91765-4182**

**MONITORING & ANALYSIS
REPORT OF LABORATORY ANALYSIS**

TO: Cher Snyder Assistant DEO Engineering and Compliance	LABORATORY NO: <u>1535609</u>
	REFERENCE NO: <u>GC6-3-67</u>
SAMPLE DESCRIPTION: Canisters 54161	DATE SAMPLED: <u>12/18/15</u>
	DATE RECEIVED: <u>12/18/15</u>
	DATE ANALYZED: <u>12/22/15</u>
SAMPLE LOCATION: So. Cal Gas Co. 12801 Tampa Ave Northridge, CA 91326	ANALYZED BY: <u>Yang Song</u>
	REQUESTED BY: <u>Ping Gui</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: 1/7/16 Approved By: 
Rudy Eden, Sr. Manager
Laboratory Services Branch
(909) 396-2391

LAB NO: 1535609

Location: So. Cal Gas Co.

ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS

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

Sample Date	12/18/15	
Canister	54161	Ambient Air
Sampling Location	So. Cal Gas Co.	
Identified NMOC, ppbC	321	
Total NMOC, ppbC	2050	100-700 ppbC

<u>Compound</u>	<u>Conc. (ppbv)</u>	<u>Conc. (ppbv)</u>
ethylene	0.4	0.7-4.1
acetylene	0.5	
propane	54	0.4-5.0
propylene	0.1	0.2-0.7
isobutane	5.7	0.2-0.9
n-butane	6.3	0.3-1.7
1-butene	0.1	0.1-0.3
trans-2-butene	<0.1	
cis-2-butene	<0.1	
isopentane	3.1	
1-pentene	<0.1	
n-pentane	1.3	0.1-0.6
isoprene	0.3	
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	0.4	
3-methylpentane	0.2	
1-hexene	<0.1	<0.1-0.1
n-hexane	0.4	0.1-0.2
methylcyclopentane	0.3	
2,4-dimethylpentane	<0.1	
benzene	0.3	0.1-0.5
cyclohexane	0.3	
2-methylhexane	0.1	
2,3-dimethylpentane	<0.1	
3-methylhexane	0.1	
2,2,4-trimethylpentane	<0.1	
n-heptane	0.2	0.1-0.2
methylcyclohexane	0.4	

LAB NO: 1535609

Location: So. Cal Gas Co.

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<u>Compound</u>	<u>Conc. (ppbv)</u>	<u>Conc. (ppbv)</u>
2,3,4-trimethylpentane	<0.1	
toluene	0.4	0.1-0.6
2-methylheptane	<0.1	
3-methylheptane	<0.1	
n-octane	<0.1	<0.1-0.3
ethylbenzene	<0.1	0.1-0.2
m+p-xylenes	0.2	0.1-0.2
styrene	<0.1	<0.1-0.2
o-xylene	<0.1	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	<0.1	
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

WO #: 1535609



TO: SCAQMD LAB: X OTHER:

SOURCE NAME: So Cal Gas Company (Aliso Canyon) I.D. No. 800128

Source Address: 12801 Tampa Ave City: Northridge

Mailing Address: Same City: Same Zip: 91326

Contact Person: John Clarke Title: Principle AQ Specialist Tel: (818)-700-3812

Analysis Requested by: Ping Gui Date: 12/18/15

Approved by: _____ Office: Compliance Budget #: 50-375

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

Suspected Violation Rule(s) 402 Other Cal H&S Code 41700

Sample Collected by: Ping Gui Date: 12/18/15 Time: ~~1749~~ 1526

Specify the description and location where the sample was collected:
Summa canister # 54161 collected at the corner of Crystal Hills Dr/
Eagle Ridge Way, Porter Ranch. at 1526 h on 12/18/15

Analysis Requested: GCMS/Odors

Relinquished by	Received by	Firm/Agency	Date	Time
<u>[Signature]</u>	<u>Melesio Hernandez</u> 1752hrs	SCAQMD	12/18/15	1752hrs
<u>[Signature]</u>	<u>John Clarke</u>	SCAQMD Lab	12/18/15	1905 Hrs

Remarks: Please expedite and send laboratory results to Melesio Hernandez, AQ Analysis & Compliance Supervisor

Canister # 2 at receipt 12/28/15