

**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	LABORATORY NO: <u>1532112</u>
	REFERENCE NO: <u>GC6-3-64</u>
SAMPLE DESCRIPTION: Canisters E5726	DATE SAMPLED: <u>11/13/15</u>
	DATE RECEIVED: <u>11/17/15</u>
	DATE ANALYZED: <u>11/18/15</u>
SAMPLE LOCATION: So Cal Gas Company 12801 Tampa Ave Northridge, CA 91326	ANALYZED BY: <u>Yang Song</u>
	REQUESTED BY: <u>Joseph Liaw</u>

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

Canister	NMOC (ppbC)
E5726	6160

Note: See attached for speciated results.

Date Approved: 11/25/15 Approved By: 
Rudy Eden, Sr. Manager
Laboratory Services Branch
(909) 396-2391

LAB NO: 1532112

Location: So Cal Gas Company

ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS

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

Sample Date	11/13/15	
Canister	E5726	Ambient Air
Sampling Location	So Cal Gas Company	
Identified NMOC, ppbC	985	
Total NMOC, ppbC	6160	100-700 ppbC

<u>Compound</u>	<u>Conc. (ppbv)</u>	<u>Conc. (ppbv)</u>
ethylene	0.1	0.7-4.1
acetylene	0.3	
propane	165	0.4-5.0
propylene	<0.1	0.2-0.7
isobutane	16	0.2-0.9
n-butane	18	0.3-1.7
1-butene	0.2	0.1-0.3
trans-2-butene	<0.1	
cis-2-butene	<0.1	
isopentane	6.0	
1-pentene	N.D.	
n-pentane	4.0	0.1-0.6
isoprene	<0.1	
trans-2-pentene	N.D.	
cis-2-pentene	<0.1	
2,2-dimethylbutane	0.2	
cyclopentane	0.4	
2,3-dimethylbutane	0.3	
2-methylpentane	1.1	
3-methylpentane	0.7	
1-hexene	<0.1	<0.1-0.1
n-hexane	1.3	0.1-0.2
methylcyclopentane	1.1	
2,4-dimethylpentane	<0.1	
benzene	0.7	0.1-0.5
cyclohexane	1.2	
2-methylhexane	0.3	
2,3-dimethylpentane	0.1	
3-methylhexane	0.3	
2,2,4-trimethylpentane	0.3	
n-heptane	0.6	0.1-0.2
methylcyclohexane	1.5	

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Canister	E5726	Ambient Air
Sampling Location	So Cal Gas Company	
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<u>Compound</u>	<u>Conc. (ppbv)</u>	<u>Conc. (ppbv)</u>
2,3,4-trimethylpentane	<0.1	
toluene	0.9	0.1-0.6
2-methylheptane	0.2	
3-methylheptane	0.1	
n-octane	0.3	<0.1-0.3
ethylbenzene	<0.1	0.1-0.2
m+p-xylenes	0.6	0.1-0.2
styrene	<0.1	<0.1-0.2
o-xylene	0.1	0.1-0.2
n-nonane	0.2	<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

1532112



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

DISTRICT
 INVOICE
LABORATORY

TO: SCAQMD LAB: X OTHER:

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

Source Address: 12801 Tampa Avenue City: Northridge

Mailing Address: Same City: Same Zip: 91326

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

Analysis Requested by: Joseph Liaw Date: November 17, 2015

Approved by: [Signature] 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: Joseph Liaw Date: Nov. 13, 2015 Time: 1643 hours

Specify the description and location where the sample was collected:

Suma Canister #E5726 – collected at 1643 hours, on residential street near entrance of address [REDACTED]

Analysis Requested: GCMS/Odors

Relinquished by	Received by	Firm/Agency	Date	Time
<u>[Signature]</u>	<u>[Signature]</u>	<u>SCAQMD Lab</u>	<u>11/17/15</u>	<u>1148 hrs</u>

Remarks: Please expedite and send laboratory results to Edwin Pupka, Sr. Enforcement Manager, Engineering & Compliance