

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: 1602616

REFERENCE NO: GC6-3-72

SAMPLE DESCRIPTION:

Triggered Samples  
Canister: 54037

DATE SAMPLED: 01/22/16

DATE RECEIVED: 01/26/16

DATE ANALYZED: 01/28/16

SAMPLE LOCATION:

Highlands Community  
Pool Parking Lot

ANALYZED BY: Yang Song

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: See attached for speciated results.

Date Approved: 2/2/16

Approved By: 

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

**LAB NO: 1602616**  
**Location: Highlands Community**

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

Sample Date	01/22/16	
Canister	54037	
<b>Sampling Location</b>	<b>Highlands Community</b>	<b>Ambient Air</b>
	<b>Pool Parking Lot</b>	
<b>Total NMOC, ppbC</b>	3790	100-700 ppbC

<u>Compound</u>	<u>Conc. (ppbv)</u>	<u>Conc. (ppbv)</u>
ethylene	0.2	0.7-4.1
acetylene	0.4	
propane	124	0.4-5.0
propylene	<0.1	0.2-0.7
isobutane	15	0.2-0.9
n-butane	17	0.3-1.7
1-butene	<0.1	0.1-0.3
trans-2-butene	<0.1	
cis-2-butene	N.D.	
isopentane	6.1	
1-pentene	N.D.	
n-pentane	6.1	0.1-0.6
isoprene	<0.1	
trans-2-pentene	N.D.	
cis-2-pentene	N.D.	
2,2-dimethylbutane	0.1	
cyclopentane	0.3	
2,3-dimethylbutane	0.2	
2-methylpentane	0.9	
3-methylpentane	0.5	
1-hexene	<0.1	<0.1-0.1
n-hexane	0.9	0.1-0.2
methylcyclopentane	0.9	
2,4-dimethylpentane	<0.1	
benzene	0.5	0.1-0.5
cyclohexane	0.8	
2-methylhexane	0.2	
2,3-dimethylpentane	<0.1	
3-methylhexane	0.2	
2,2,4-trimethylpentane	0.2	
n-heptane	0.3	0.1-0.2
methylcyclohexane	0.9	

**LAB NO: 1602616**  
**Location: Highlands Community**

**ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS**  
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Sample Date	01/22/16	
Canister	54037	
<b>Sampling Location</b>	<b>Highlands Community</b>	<b>Ambient Air</b>
	<b>Pool Parking Lot</b>	
<b>Total NMOC, ppbC</b>	3790	100-700 ppbC

<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	<0.1	
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



WO #: 1602616

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

DIS  
 INV  
 LAF  
LABORATORY NO. \_\_\_\_\_



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: 1/26/16  
 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: Robert Wimmer Date: 1/22/16 Time: 13:30

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End vac
Highlands Community	54037	1-22-16 / 05:42 / 5 min	-30	0

Relinquished by	Received by	Firm/Agency	Date	Time
R. Wimmer	<i>Robert Wimmer</i>	SCAQMD Lab	1/26/16	12:20

Remarks: Samples collected by passive sampling via the XonTech 912 triggered by the Thermo 55i NMHC.  
 Trigger is set to 35ppm  
 Highlands community pool parking lot. Address: 12378 High Glen Way, Northridge CA 91326 (across from 12377)