

**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: 1608910

REFERENCE NO: GC6-121-84

SAMPLE DESCRIPTION:
24 hour Sample
Canister: 54696

DATE SAMPLED: 03/26/16

DATE RECEIVED: 03/29/16

DATE ANALYZED: 03/29/16

SAMPLE LOCATION:
Highlands Community
Pool Parking Lot

ANALYZED BY: Brian Sinajon

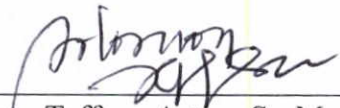
REQUESTED BY: Sumner Wilson

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: 3/31/2016

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

Lab Number: 1608910
Location: Porter Ranch/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	03/26/16	
Canister	54696	
Sampling Location	Highlands Community Pool Parking Lot	Ambient Air
Total NMOC, ppbC	36	100-700
<u>Compound</u>	<u>Conc. (ppbv)</u>	<u>Conc. (ppbv)</u>
ethylene	4.5	0.7-4.1
acetylene	0.8	----
propane	0.7	0.4-5
propylene	2.3	0.2-0.7
isobutane	0.2	0.2-0.9
n-butane	0.5	0.3-1.7
1-butene	1.0	0.1-0.3
trans-2-butene	0.1	----
cis-2-butene	<0.1	----
isopentane	0.1	----
1-pentene	3.3	----
n-pentane	0.1	0.1-0.6
isoprene	0.7	----
trans-2-pentene	0.3	----
cis-2-pentene	<0.1	----
2,2-dimethylbutane	<0.1	----
cyclopentane	0.1	----
2,3-dimethylbutane	0.1	----
2-methylpentane	0.2	----
3-methylpentane	0.3	----
1-hexene	0.2	<0.1-0.1
n-hexane	0.1	0.1-0.2
methylcyclopentane	0.2	----
2,4-dimethylpentane	0.2	----
benzene	0.2	0.1-0.5
cyclohexane	0.4	----
2-methylhexane	0.1	----
2,3-dimethylpentane	0.2	----
3-methylhexane	0.2	----
2,2,4-trimethylpentane	0.3	----
n-heptane	0.5	0.1-0.2

Lab Number: 1608910
Location: Porter Ranch/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	03/26/16	
Canister	54696	
Sampling Location	Highlands Community Pool Parking Lot	Ambient Air
Total NMOC, ppbC	36	100-700
<u>Compound</u>	<u>Conc. (ppbv)</u>	<u>Conc. (ppbv)</u>
methylcyclohexane	0.2	----
2,3,4-trimethylpentane	0.1	----
toluene	0.2	0.1-0.6
2-methylheptane	0.8	----
3-methylheptane	0.2	----
n-octane	0.1	<0.1-0.3
ethylbenzene	0.1	0.1-0.2
m+p-xylenes	0.1	0.1-0.2
Styrene	0.4	<0.1-0.2
o-xylene	0.4	0.1-0.2
n-nonane	0.2	<0.1-0.1
isopropylbenzene	0.1	----
n-propylbenzene	0.2	----
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	0.2	<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

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

DISTRICT
 INV
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 LABOI

WO #: 1608910



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: 3/29/16

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: 3/29/16 Time: 09:00am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End vac
Highlands Community	54696	3-26-16 / 00:00 / 24 hours	-30"	-5

Relinquished by	Received by	Firm/Agency	Date	Time
<i>zhongqian</i>	<i>LN</i>	SCAQMD Lab	3/29/16	12:02

Remarks 1:3 scheduled samples from trailer
Highlands community pool parking lot. Address: 12378 High Glen Way, Northridge CA 91326 (across from 12377)
Makeup run for 3/25/16