

**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: 1607809

REFERENCE NO: GC6-121-81

SAMPLE DESCRIPTION:
24 hour Sample
Canister: 54610

DATE SAMPLED: 03/18/16

DATE RECEIVED: 03/19/16

DATE ANALYZED: 03/20/16

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: 3/24/16

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

Lab Number: 1607809
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	03/18/16	
Canister	54610	
Sampling Location	Highlands Community Pool Parking Lot	Ambient Air
Total NMOC, ppbC	79	100-700
<u>Compound</u>	<u>Conc. (ppbv)</u>	<u>Conc. (ppbv)</u>
ethylene	0.8	0.7-4.1
acetylene	0.7	----
propane	1.7	0.4-5
propylene	0.2	0.2-0.7
isobutane	0.4	0.2-0.9
n-butane	0.6	0.3-1.7
1-butene	<0.1	0.1-0.3
trans-2-butene	<0.1	----
cis-2-butene	<0.1	----
isopentane	2.0	----
1-pentene	<0.1	----
n-pentane	0.5	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	<0.1	----
2-methylpentane	0.2	----
3-methylpentane	0.1	----
1-hexene	<0.1	<0.1-0.1
n-hexane	0.1	0.1-0.2
methylcyclopentane	0.1	----
2,4-dimethylpentane	<0.1	----
benzene	0.2	0.1-0.5
cyclohexane	<0.1	----
2-methylhexane	<0.1	----
2,3-dimethylpentane	<0.1	----
3-methylhexane	0.1	----
2,2,4-trimethylpentane	0.2	----
n-heptane	<0.1	0.1-0.2

Lab Number: 1607809
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	03/18/16	
Canister	54610	
Sampling Location	Highlands Community	Ambient Air
	Pool Parking Lot	
Total NMOC, ppbC	79	100-700

<u>Compound</u>	<u>Conc. (ppbv)</u>	<u>Conc. (ppbv)</u>
methylcyclohexane	<0.1	----
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	0.1	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	<0.10
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 #: 1607809

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LABG.....



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: _____ 3/18/16 _____
 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: _____ Eric Trinn _____ Date: _____ 3/19/16 _____ Time: _____ 10:30am _____

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End vac
Highlands Community	54610	3-18-16 / 00:00 / 24 hours	-30"	-8

Relinquished by	Received by	Firm/Agency	Date	Time
<i>[Signature]</i>	<i>[Signature]</i>	SCAQMD Lab	3/19/16	11:31

Remarks Daily scheduled samples from trailer

Highlands community pool parking lot. Address: 12378 High Glen Way, Northridge CA 91326 (across from 12377)