

**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>1602109</u>
	REFERENCE NO: <u>GC6-3-72</u>
SAMPLE DESCRIPTION: 24 hour sample Canister: 54058	DATE SAMPLED: <u>01/19/16</u>
	DATE RECEIVED: <u>01/21/16</u>
	DATE ANALYZED: <u>01/23/16</u>
SAMPLE LOCATION: Porter Ranch Community Elementary School	ANALYZED BY: <u>Yang Song</u>
	REQUESTED BY: <u>Sumner Wilson</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: 1/27/16

Approved By: 

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

LAB NO: 1602109

Location: Porter Ranch Community Elementary School (PRCES)

ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS

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

Sample Date	01/19/16	
Canister	54058	
Sampling Location	PRCES	Ambient Air
Total NMOC, ppbC	405	100-700 ppbC

<u>Compound</u>	<u>Conc. (ppbv)</u>	<u>Conc. (ppbv)</u>
ethylene	1.3	0.7-4.1
acetylene	1.1	
propane	12	0.4-5.0
propylene	0.3	0.2-0.7
isobutane	1.9	0.2-0.9
n-butane	2.7	0.3-1.7
1-butene	<0.1	0.1-0.3
trans-2-butene	<0.1	
cis-2-butene	<0.1	
isopentane	2.6	
1-pentene	<0.1	
n-pentane	0.6	0.1-0.6
isoprene	<0.1	
trans-2-pentene	N.D.	
cis-2-pentene	<0.1	
2,2-dimethylbutane	<0.1	
cyclopentane	<0.1	
2,3-dimethylbutane	<0.1	
2-methylpentane	0.3	
3-methylpentane	0.2	
1-hexene	<0.1	<0.1-0.1
n-hexane	0.2	0.1-0.2
methylcyclopentane	0.2	
2,4-dimethylpentane	<0.1	
benzene	0.2	0.1-0.5
cyclohexane	0.2	
2-methylhexane	<0.1	
2,3-dimethylpentane	<0.1	
3-methylhexane	0.1	
2,2,4-trimethylpentane	0.1	
n-heptane	0.1	0.1-0.2
methylcyclohexane	0.2	

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

DISTRICT
 INVOICE
 LAP AUD
 LABORATC

WO #: 1602109



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: 1/21/16
 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: 1/20/16 Time: 12:00

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch Community Elementary School (PRCS)	54058	1/19/16 / 00:00 / 24 hours	<-30"	+11.5

Relinquished by	Received by	Firm/Agency	Date	Time
R Wimmer <i>[Signature]</i>	<i>[Signature]</i>	SCAQMD Lab	1/21/16	7:40

Remarks: 1:3 scheduled samples from trailer at PRCS
 Porter Ranch Community School Elementary -- 5 Sesnon Blvd, Porter Ranch, CA 91326
 GPS (34.293369, -118.580505)