

LAB NO: 1618731**Location: Porter Ranch Community School****ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS**Quantitation of Organic Compounds by Gas Chromatography(GC) and
Flame Ionization Detection (FID)

Sample Date	07/05/16	
Canister	22488	
Sampling Location	Porter Ranch Community School	Ambient Air
Total NMOC, ppbC	590	100-700 ppbC
<u>Compound</u>	<u>Conc. (ppbv)</u>	<u>Conc. (ppbv)</u>
ethylene	0.6	0.7-4.1
acetylene	0.5	
propane	23	0.4-5.0
propylene	0.1	0.2-0.7
isobutane	3.4	0.2-0.9
n-butane	6.0	0.3-1.7
1-butene	<0.1	0.1-0.3
trans-2-butene	<0.1	
cis-2-butene	<0.1	
isopentane	3.7	
1-pentene	<0.1	
n-pentane	2.0	0.1-0.6
isoprene	<0.1	
trans-2-pentene	<0.1	
cis-2-pentene	<0.1	
2,2-dimethylbutane	<0.1	
cyclopentane	0.3	
2,3-dimethylbutane	0.1	
2-methylpentane	0.6	
3-methylpentane	0.4	
1-hexene	<0.1	<0.1-0.1
n-hexane	0.6	0.1-0.2
methylcyclopentane	0.9	
2,4-dimethylpentane	<0.1	
benzene	0.6	0.1-0.5
cyclohexane	0.8	
2-methylhexane	0.2	
2,3-dimethylpentane	<0.1	
3-methylhexane	0.2	
2,2,4-trimethylpentane	0.3	
n-heptane	0.3	0.1-0.2
methylcyclohexane	1.0	

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<u>Compound</u>	<u>Conc. (ppbv)</u>	<u>Conc. (ppbv)</u>
2,3,4-trimethylpentane	<0.1	
toluene	0.7	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	0.3	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

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

DISTRICT INFORMATION
 INVOI
 LAP A
 LABOR/

WO #: 1618731



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: 7/6/16
 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: 7/6/16 Time: 10:20am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch Community Elementary School (PRCS)	22488	7/5/16 / 00:00 / 24 hours	<-30"	+9

Relinquished by	Received by	Firm/Agency	Date	Time
<i>zhongjian</i>	<i>[Signature]</i>	SCAQMD Lab	7/6/16	12:34PM

Remarks: 1:3 scheduled samples from trailer at PRCS
 Porter Ranch Community School Elementary – 12450 Mason Ave, Porter Ranch, CA 91326
 GPS (34.293369, -118.580505)
 Left sampler, sn 4083