Table 1 Result summary from the analysis of canister and Tedlar bag samples collected by SCAQMD staff for this study. Volatile Organic Compounds (VOCs) for which OEHHA has established Acute Reference Exposure Levels (RELs) have been highlighted in orange.

	Canister	Canister	Canister	Bag	Bag	Canister	Canister	Canister	Canister	Canister	
Sample Date	06/08/16	06/08/16	06/08/16	06/08/16	06/08/16	06/08/16	06/08/16	06/08/16	07/15/16	07/15/16	
Lab Number	1616015	1616015	1616018	1616017	1616017	1616019	1616019	1616019	1616019	1616019	
Sample ID	E3374	53465	54549	10146 (bag 1)	10146 (bag 2)	54553	54612	54603	54534	53392	
Location	Firmin St, Los Angeles, Street Sample	Firmin St, Los Angeles, Street Sample	Firmin St, Los Angeles, Street Sample	323 Firmin St, Los Angeles, Inside Rogalske 10 Well	323 Firmin St, Los Angeles, Inside Rogalske 10 Well	323 Firmin St, Los Angeles, Inside Rogalske 10 Well	323 Firmin St, Los Angeles, Inside Rogalske 10 Well	323 Firmin St, Los Angeles, @ Surface of Rogalske 10 Well	323 Firmin St, Los Angeles, Near Bore Hole	323 Firmin St, Los Angeles, Near Extracted Soil	
	Total Carbon Analysis (TCA)										
carbon monoxide (ppm)	<3	<3	<3			<3	<3	<3			
methane (ppm)	2	2	2			>>>	>>>	676			
carbon dioxide (ppm)	463	448	465			12700	10800	588			
ethane (ppmvC)	1	1	1			396	338	5			
NM/NEOC (ppmvC)	1	1	1			353	326	2			
methane (%)						5.9	5.1	<0.2			
	Sulfur Analysis										*Acute REL (ppbv)*
hydrogen sulfide (ppm)				36	22						30
methyl mercaptan (ppm)				0.5	0.2						NA
Unknown sulfur (ppm)				2.1	1.4						NA
Total Reduced Sulfur (ppm)				39	24						NA
	VOC Speciation Data (ppbv)										*Acute REL (ppbv)*
1,2-dibromoethane						ND	ND	ND	0.4	1.1	NA
1,2-dichlorobenzene						ND	ND	ND	0.2	2.0	NA
1,2-dichloroethane						ND	ND	ND	0.4	0.8	NA
1,2-dichloropropane						ND	ND	ND	0.4	0.7	NA
1,3-butadiene						ND	ND	ND	0.4	0.6	297
1,4-dichlorobenzene						ND	ND	ND	0.3	1.8	NA
1-butene						2.5	2.2	0.2	0.2	<0.1	NA
2,2-dimethylbutane						3970*	3500*	50	ND	ND	NA
2,3,4-trimethylpentane						395	354	4.7	ND	ND	NA
2,3-dimethylbutane						9380*	8290*	118	ND	ND	NA
2,4-dimethylpentane						1420*	1260*	18	ND	ND	NA
2-butanone (MEK)						ND	ND	0.6	1.1	3.5	4422
2-methylheptane						375	356	5.4	ND	ND	NA
2-methylpentane						65	58	1.5	ND	ND	NA
2-propenal (Acrolein)[#]						ND#	ND#	0.6#	1.1#	2.9#	1.1
3-methylhexane						30	29	0.7	ND	ND	NA
3-methylpentane						648	573	8.5	ND	ND	NA
acetone						ND	ND	ND	5.9	10	NA
acetylene+ethylene						306000*	238000*	ND	6.7	4.8	NA
benzene						0.3	0.4	0.3	0.8	0.9	8
carbon disulfide						26	27	1.4	ND	ND	1994
carbon tetrachloride						<0.1	0.1	<0.1	0.4	0.7	302
chloroform						ND	ND	<0.1	0.3	0.6	31
chloromethane						1.5	1.1	ND			NA
cyclohexane						100	89	1.4	ND	ND	NA
cyclopentane						20	18	ND	ND	ND	NA
ethane						ND	ND	ND	7.2	3.7	NA
ethanol						ND	ND	ND	14	7.5	NA
ethylbenzene						ND	ND	ND	0.5	1.4	NA
Freon-11						0.2	0.2	<0.1	ND	ND	NA
Freon-12						0.46	0.5	0.5	ND	ND	NA
isobutane						3360*	2950*	27	0.9	0.4	NA
isopentane						1060	925	9.9	ND	ND	NA
isoprene						0.5	0.5	0.3	<0.1	0.4	NA
m+p-xylenes						ND	ND	0.4	1.5	3.0	5069
methyl tert butyl ether						ND	ND	ND	0.2	0.6	NA
methylcyclopentane						8.0	8.6	0.4	ND	ND	NA
methylene chloride						0.2	0.3	0.5	0.6	1.0	4035
n-butane						379	333	6.9	1.2	0.6	NA
n-heptane						2.7	2.7	0.5	0.3	0.7	NA
n-hexane						4.4	3.9	0.4	0.6	0.8	NA
n-octane						ND	ND	0.2	<0.1	ND	NA
n-pentane						19	17	1.1	0.6	0.3	NA
n-undecane						ND	ND	ND	<0.1	ND	NA
o-xylene						ND	ND	0.2	0.4	1.4	5069
propane						11100*	9770*	141	3.4	1.3	NA
propylene						10	9.5	0.8	1.0	1.0	NA
styrene						ND	ND	ND	0.5	1.7	5000
tetrachloroethylene						ND	ND	ND	5.8	2.6	2950
toluene						ND	ND	1.1	1.2	1.7	9867
trichloroethylene						ND	ND	ND	0.3	0.6	NA
vinyl chloride						ND	ND	ND	0.3	0.5	70313
NMOC, ppbc						750000*	628000*	10300	366	1111	

Not analyzed

NM/NEOC = Non-Methane Non-Ethane Organic Carbon
NA = not available
ND = non detected
**Estimated values (exceeded stantard calibration)*

[#] Acrolein is well known to be difficult to measure with current techniques, and monitoring data for acrolein are not accurate enough to be compared to health benchmarks
†Acute REL's for benzene, acrolein, and 1,3 butadiene are from the OEHHA July 2014 Updated Appendix D. All other Acute REL's are derived from the OEHHA 1999 Appendix D2 for Acute REL's, using the conversion factors published in that document.