

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052819\
 Data File : VL033820.D
 Acq On : 29 May 2019 2:32
 Operator : SY/AP
 Sample : K2960-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3011-25

Manual Integrations
 APPROVED

apatel
 5/29/2019 12:41:09 PM

Quant Time: May 29 06:49:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 1
 QLast Update : Fri May 17 08:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	868706	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2404899	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2218279	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1896105	10.54	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	37889	0.207	ppbv	98
3) Chlorodifluoromethane	3.01	51	23893m	0.240	ppbv	
4) Chloromethane	3.17	50	21475	0.377	ppbv	95
9) Propene	3.03	41	2124931	50.206	ppbv	92
10) Heptane	8.24	43	252272	2.105	ppbv	99
11) Trichlorofluoromethane	4.00	101	43520	0.249	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.55	101	23019m	0.189	ppbv	
13) Ethanol	3.65	45	239739	17.525	ppbv	98
15) Acetone	3.89	43	14198071	117.799	ppbv #	79
17) tert-Butyl alcohol	4.36	59	254952	2.616	ppbv	97
20) Methylene Chloride	4.41	84	67599	1.457	ppbv	95
26) Hexane	5.78	57	278197	3.056	ppbv #	37
27) Carbon Disulfide	4.62	76	292925	2.346	ppbv	97
29) Chloroform	5.85	83	69178	0.413	ppbv	97
30) Cyclohexane	7.25	84	30839m	0.403	ppbv	
32) 1,1,1-Trichloroethane	6.62	97	5488m	0.033	ppbv	
34) 2-Butanone	5.32	43	1904895	12.779	ppbv	98
35) Carbon Tetrachloride	7.14	117	11494m	0.060	ppbv	
36) Benzene	7.00	78	285237	1.304	ppbv	97
38) Trichloroethene	7.96	130	8165m	0.101	ppbv	
41) Tetrahydrofuran	6.15	42	21682m	0.260	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	110530m	0.299	ppbv	
50) 4-Methyl-2-Pentanone	8.87	43	107684	0.470	ppbv	97
51) 2-Hexanone	10.26	43	249454	1.394	ppbv #	98
52) Tetrachloroethene	11.37	164	13659m	0.178	ppbv	
53) Toluene	9.94	91	2630047	11.146	ppbv	100
58) Ethyl Benzene	12.86	91	582627	1.983	ppbv	97
59) m/p-Xylene	13.11	91	1904006	7.415	ppbv	97
60) o-Xylene	13.84	91	691382	2.671	ppbv	99
61) Styrene	13.69	104	30892m	0.177	ppbv	
62) Isopropylbenzene	14.82	105	52241	0.150	ppbv	100
64) n-propylbenzene	15.71	120	55825	0.619	ppbv	98
70) n-Butylbenzene	18.74	91	211408m	0.535	ppbv	
72) 4-Ethyltoluene	16.00	105	296326	1.001	ppbv	98
73) 1,3,5-Trimethylbenzene	16.15	105	219480	0.760	ppbv	97
74) 1,2,4-Trimethylbenzene	16.92	105	838143	2.667	ppbv #	74
75) 1,3-Dichlorobenzene	17.17	146	53250m	0.277	ppbv	
79) Naphthalene	22.42	128	97166m	0.333	ppbv	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

