

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052819\
 Data File : VL033802.D
 Acq On : 28 May 2019 13:05
 Operator : SY/AP
 Sample : K2929-17
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 BPS1-SG-3006-55

Manual Integrations
 APPROVED

apatel
 5/29/2019 12:40:00 PM

Quant Time: May 29 04:57:17 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	5.76	49	882372	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2306948	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2184050	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1765059	9.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	32789	0.176	ppbv	99
3) Chlorodifluoromethane	3.01	51	44509m	0.440	ppbv	
4) Chloromethane	3.17	50	47209	0.817	ppbv	90
9) Propene	3.03	41	3983875	92.670	ppbv	95
10) Heptane	8.24	43	285173	2.343	ppbv	98
11) Trichlorofluoromethane	4.00	101	42727	0.241	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.55	101	28461	0.230	ppbv	92
13) Ethanol	3.66	45	523198	37.654	ppbv	99
15) Acetone	3.89	43	14684732	119.949	ppbv #	74
17) tert-Butyl alcohol	4.36	59	458051	4.627	ppbv	97
19) Isopropyl Alcohol	4.03	45	133970	1.697	ppbv #	94
20) Methylene Chloride	4.41	84	117021	2.483	ppbv #	93
26) Hexane	5.77	57	489434	5.294	ppbv #	36
27) Carbon Disulfide	4.62	76	254853	2.009	ppbv	99
29) Chloroform	5.85	83	70692	0.415	ppbv	99
30) Cyclohexane	7.24	84	32650m	0.420	ppbv	
34) 2-Butanone	5.32	43	2200238	15.387	ppbv	98
35) Carbon Tetrachloride	7.13	117	10025m	0.054	ppbv	
36) Benzene	7.00	78	372867	1.777	ppbv	98
38) Trichloroethene	7.95	130	10530m	0.135	ppbv	
41) Tetrahydrofuran	6.15	42	19785m	0.247	ppbv	
44) 2,2,4-Trimethylpentane	7.98	57	136578m	0.385	ppbv	
50) 4-Methyl-2-Pentanone	8.87	43	125020	0.568	ppbv	97
51) 2-Hexanone	10.26	43	210073	1.224	ppbv #	95
52) Tetrachloroethene	11.37	164	9640m	0.131	ppbv	
53) Toluene	9.94	91	2130736	9.414	ppbv	99
58) Ethyl Benzene	12.86	91	312474	1.080	ppbv	94
59) m/p-Xylene	13.11	91	889077	3.517	ppbv	99
60) o-Xylene	13.84	91	287280	1.127	ppbv	98
64) n-propylbenzene	15.71	120	13642m	0.154	ppbv	
72) 4-Ethyltoluene	15.99	105	62153	0.213	ppbv #	86
73) 1,3,5-Trimethylbenzene	16.15	105	52393	0.184	ppbv	100
74) 1,2,4-Trimethylbenzene	16.92	105	162406	0.525	ppbv #	75
75) 1,3-Dichlorobenzene	17.16	146	26206m	0.138	ppbv	
79) Naphthalene	22.40	128	35646m	0.124	ppbv	

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

