

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021419\
 Data File : VL033213.D
 Acq On : 15 Feb 2019 00:53
 Operator : SY/AP
 Sample : K1483-06
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ZONE-G

Manual Integrations
 APPROVED

MMDadoda
 2/21/2019 1:02:20 PM

Quant Time: Feb 21 01:21:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL020519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 21 2019
 QLast Update : Wed Feb 20 06:00:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	964436	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2103016	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2074358	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1677308	10.38	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	87176	0.473	ppbv	96
3) Chlorodifluoromethane	3.02	51	33894m	0.292	ppbv	
4) Chloromethane	3.17	50	11235	0.183	ppbv	90
7) Chloroethane	3.60	64	118657	5.669	ppbv	96
10) Heptane	8.25	43	24017	0.142	ppbv	100
11) Trichlorofluoromethane	4.01	101	99976	0.670	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.55	101	273729	2.646	ppbv	99
13) Ethanol	3.66	45	143437	7.524	ppbv	98
15) Acetone	3.91	43	531134	4.888	ppbv	91
17) tert-Butyl alcohol	4.38	59	41319m	1.980	ppbv	
18) 1,1-Dichloroethene	4.35	96	169578	3.662	ppbv	99
19) Isopropyl Alcohol	4.04	45	212708m	2.886	ppbv	
20) Methylene Chloride	4.41	84	130279	3.014	ppbv	94
24) 1,1-Dichloroethane	5.09	63	7486220	56.203	ppbv	98
26) Hexane	5.78	57	219242	1.912	ppbv #	43
31) cis-1,2-Dichloroethene	5.64	61	30793m	0.268	ppbv	
32) 1,1,1-Trichloroethane	6.63	97	19618276	101.373	ppbv	88
34) 2-Butanone	5.34	43	72316	0.542	ppbv	97
36) Benzene	7.01	78	43080	0.202	ppbv #	90
38) Trichloroethene	7.97	130	77019	0.846	ppbv	94
40) 1,4-Dioxane	7.98	88	50223m	1.680	ppbv	
41) Tetrahydrofuran	6.16	42	12311	0.149	ppbv	95
44) 2,2,4-Trimethylpentane	8.00	57	74354m	0.206	ppbv	
47) 1,1,2-Trichloroethane	9.62	97	23793m	0.273	ppbv	
52) Tetrachloroethene	11.37	164	115414	1.409	ppbv	89
53) Toluene	9.95	91	141466	0.561	ppbv	99
58) Ethyl Benzene	12.87	91	138981	0.408	ppbv	91
59) m/p-Xylene	13.12	91	642593	2.269	ppbv	98
60) o-Xylene	13.85	91	167549	0.607	ppbv	98
74) 1,2,4-Trimethylbenzene	16.92	105	102948	0.326	ppbv #	80

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

