

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021419\
 Data File : VL033211.D
 Acq On : 14 Feb 2019 23:34
 Operator : SY/AP
 Sample : K1483-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ZONE-E

Manual Integrations
 APPROVED

MMDadoda
 2/21/2019 1:02:07 PM

Quant Time: Feb 21 01:13:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL020519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 21 01:13:44 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	948624	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2100110	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2074311	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1704699	10.55	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	25081	0.138	ppbv	96
3) Chlorodifluoromethane	3.01	51	31761	0.278	ppbv	100
4) Chloromethane	3.17	50	7246m	0.120	ppbv	
7) Chloroethane	3.60	64	239374	11.627	ppbv	97
10) Heptane	8.25	43	28461	0.170	ppbv	96
11) Trichlorofluoromethane	4.00	101	171509	1.168	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.55	101	515660	5.067	ppbv	98
13) Ethanol	3.65	45	41167m	2.195	ppbv	
15) Acetone	3.91	43	623527	5.834	ppbv #	87
17) tert-Butyl alcohol	4.36	59	58685	2.859	ppbv	96
18) 1,1-Dichloroethene	4.35	96	316172	6.941	ppbv	98
19) Isopropyl Alcohol	4.03	45	281427m	3.883	ppbv	
20) Methylene Chloride	4.41	84	86442	2.033	ppbv	94
24) 1,1-Dichloroethane	5.09	63	10354517	79.032	ppbv	97
26) Hexane	5.78	57	74617	0.661	ppbv #	41
29) Chloroform	5.85	83	39012	0.226	ppbv	94
31) cis-1,2-Dichloroethene	5.65	61	36288m	0.321	ppbv	
32) 1,1,1-Trichloroethane	6.63	97	24135639	126.794	ppbv #	83
34) 2-Butanone	5.35	43	37623m	0.282	ppbv	
36) Benzene	7.02	78	39001	0.183	ppbv	96
38) Trichloroethene	7.97	130	107899	1.186	ppbv #	86
40) 1,4-Dioxane	7.97	88	83524m	2.799	ppbv	
44) 2,2,4-Trimethylpentane	8.00	57	90037	0.250	ppbv	96
47) 1,1,2-Trichloroethane	9.62	97	37181m	0.427	ppbv	
52) Tetrachloroethene	11.38	164	178458	2.182	ppbv	95
53) Toluene	9.95	91	134629	0.534	ppbv	98
58) Ethyl Benzene	12.87	91	162277m	0.477	ppbv	
59) m/p-Xylene	13.12	91	757562	2.675	ppbv	97
60) o-Xylene	13.85	91	195977	0.710	ppbv	99
74) 1,2,4-Trimethylbenzene	16.92	105	109204m	0.346	ppbv	

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

