

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL020419\
 Data File : VL033163.D
 Acq On : 4 Feb 2019 20:34
 Operator : SY/AP
 Sample : K1267-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSA1

Manual Integrations
 APPROVED

MMDadoda
 2/5/2019 10:28:15 AM

Quant Time: Feb 05 09:33:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL020419AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Feb 05 2019
 QLast Update : Mon Feb 04 14:41:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1081867	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.30	114	2850597	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2882573	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2295256	10.68	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	98509	0.618	ppbv	96
3) Chlorodifluoromethane	3.02	51	30339m	0.252	ppbv	
4) Chloromethane	3.17	50	15940	0.235	ppbv	93
9) Propene	3.04	41	70347m	1.162	ppbv	
10) Heptane	8.25	43	112376	0.596	ppbv	97
11) Trichlorofluoromethane	4.01	101	36537	0.237	ppbv	91
13) Ethanol	3.66	45	1862056	78.017	ppbv	99
15) Acetone	3.90	43	12476996	96.866	ppbv #	89
17) tert-Butyl alcohol	4.38	59	265652	9.338	ppbv	96
19) Isopropyl Alcohol	4.04	45	1891408m	20.673	ppbv	
20) Methylene Chloride	4.42	84	124844	2.813	ppbv	97
26) Hexane	5.78	57	217960	1.750	ppbv #	57
34) 2-Butanone	5.33	43	2198000	12.260	ppbv	100
35) Carbon Tetrachloride	7.14	117	11003m	0.060	ppbv	
36) Benzene	7.01	78	245467	0.852	ppbv	99
37) 1,2-Dichloroethane	6.42	62	28426	0.193	ppbv	99
44) 2,2,4-Trimethylpentane	8.00	57	114526m	0.237	ppbv	
50) 4-Methyl-2-Pentanone	8.87	43	766544	2.362	ppbv	98
51) 2-Hexanone	10.27	43	529020	1.944	ppbv #	99
52) Tetrachloroethene	11.38	164	57016	0.569	ppbv #	82
53) Toluene	9.95	91	2443491	7.139	ppbv	98
58) Ethyl Benzene	12.87	91	364050	0.803	ppbv	97
59) m/p-Xylene	13.12	91	1019797	2.746	ppbv	98
60) o-Xylene	13.85	91	340596	0.994	ppbv	97
61) Styrene	13.69	104	105321	0.384	ppbv	96
62) Isopropylbenzene	14.83	105	2784992	5.693	ppbv	98
72) 4-Ethyltoluene	16.00	105	106608m	0.260	ppbv	
73) 1,3,5-Trimethylbenzene	16.15	105	81379m	0.206	ppbv	
74) 1,2,4-Trimethylbenzene	16.92	105	267663	0.664	ppbv #	72

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

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