

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021319\
 Data File : VL033189.D
 Acq On : 13 Feb 2019 16:30
 Operator : SY/AP
 Sample : K1408-01DUP
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AB-IADUP

Manual Integrations
 APPROVED

MMDadoda
 2/20/2019 12:23:42 PM

Quant Time: Feb 20 07:28:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL020519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 20 07:28:46 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	5.76	49	985967	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2279389	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2233640	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1775798	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.07	85	27069	0.144	ppbv	99
3) Chlorodifluoromethane	3.01	51	37568m	0.316	ppbv	
4) Chloromethane	3.17	50	51112	0.815	ppbv	93
11) Trichlorofluoromethane	4.00	101	374265	2.452	ppbv	99
13) Ethanol	3.65	45	2748687	141.032	ppbv	97
15) Acetone	3.90	43	690043	6.212	ppbv	99
17) tert-Butyl alcohol	4.37	59	31078	1.456	ppbv #	93
19) Isopropyl Alcohol	4.03	45	294932	3.915	ppbv #	97
20) Methylene Chloride	4.41	84	124208	2.811	ppbv	97
26) Hexane	5.78	57	364134	3.106	ppbv #	44
34) 2-Butanone	5.33	43	258152	1.785	ppbv	99
35) Carbon Tetrachloride	7.13	117	12112m	0.070	ppbv	
36) Benzene	7.00	78	61101	0.264	ppbv	96
53) Toluene	9.94	91	508929	1.860	ppbv	97
58) Ethyl Benzene	12.86	91	1089545	2.972	ppbv	100
59) m/p-Xylene	13.12	91	3283201	10.765	ppbv	99
60) o-Xylene	13.85	91	992713	3.338	ppbv	99

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

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