

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021820\
 Data File : VL034625.D
 Acq On : 18 Feb 2020 15:42
 Operator : SY/AP
 Sample : L1532-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IR-BR-IA

Manual Integrations
 APPROVED

MMDadoda
 2/21/2020 3:25:42 PM

Quant Time: Feb 20 16:46:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 2020
 QLast Update : Thu Jan 30 17:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	938769	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1918837	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1899620	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1639709	10.21	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	47319	0.229	ppbv #	86
3) Chlorodifluoromethane	2.95	51	36349m	0.320	ppbv	
4) Chloromethane	3.10	50	31200	0.450	ppbv #	80
9) Propene	2.99	41	67142	1.520	ppbv #	62
11) Trichlorofluoromethane	3.92	101	52884	0.282	ppbv	86
13) Ethanol	3.58	45	3739590	316.104	ppbv	98
15) Acetone	3.82	43	867473	6.287	ppbv	97
19) Isopropyl Alcohol	3.96	45	178996	2.223	ppbv #	91
20) Methylene Chloride	4.32	84	98321	1.872	ppbv	94
26) Hexane	5.67	57	43580	0.466	ppbv #	63
29) Chloroform	5.74	83	65410	0.395	ppbv #	80
31) cis-1,2-Dichloroethene	5.54	61	9645m	0.099	ppbv	
34) 2-Butanone	5.23	43	27366m	0.196	ppbv	
35) Carbon Tetrachloride	7.01	117	12325m	0.067	ppbv	
36) Benzene	6.89	78	19117	0.112	ppbv #	88
52) Tetrachloroethene	11.25	164	32856m	0.479	ppbv	
53) Toluene	9.82	91	51920m	0.277	ppbv	

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

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