

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021820\
 Data File : VL034635.D
 Acq On : 18 Feb 2020 22:20
 Operator : SY/AP
 Sample : L1532-09
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IR-BRSS

Manual Integrations
 APPROVED

MMDadoda
 2/21/2020 3:26:18 PM

Quant Time: Feb 19 07:20:33 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

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	897533	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1802151	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1794217	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1580380	10.42	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.01	85	47834	0.242	ppbv	97
3) Chlorodifluoromethane	2.95	51	49724m	0.458	ppbv	
4) Chloromethane	3.11	50	14504	0.219	ppbv #	85
9) Propene	2.98	41	48721	1.154	ppbv #	75
11) Trichlorofluoromethane	3.92	101	45964	0.256	ppbv	96
13) Ethanol	3.57	45	270921	23.953	ppbv	99
15) Acetone	3.82	43	1298462	9.844	ppbv	98
19) Isopropyl Alcohol	3.95	45	57621m	0.749	ppbv	
20) Methylene Chloride	4.32	84	75683	1.507	ppbv	92
26) Hexane	5.67	57	61657	0.689	ppbv #	39
29) Chloroform	5.74	83	24189	0.153	ppbv #	74
31) cis-1,2-Dichloroethene	5.54	61	442302	4.759	ppbv	95
34) 2-Butanone	5.23	43	53314	0.407	ppbv	97
35) Carbon Tetrachloride	7.02	117	9738m	0.057	ppbv	
36) Benzene	6.89	78	18270	0.114	ppbv #	73
38) Trichloroethene	7.84	130	80355	1.189	ppbv	91
52) Tetrachloroethene	11.25	164	967785	15.032	ppbv	97
53) Toluene	9.83	91	77466	0.440	ppbv	98
59) m/p-Xylene	13.00	91	26792m	0.126	ppbv	

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

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