

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111820\
 Data File : VL035987.D
 Acq On : 19 Nov 2020 00:04
 Operator : SY/AP
 Sample : L4781-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA3

Manual Integrations
 APPROVED

MMDadoda
 11/20/2020 12:28:13 PM

Quant Time: Nov 19 21:34:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.62	49	1054085	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.13	114	3831194	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.04	117	3535783	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	2670635	10.63	ppbv	-0.06
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	41669	0.210	ppbv	99
3) Chlorodifluoromethane	2.95	51	70944	0.562	ppbv #	84
4) Chloromethane	3.11	50	31717	0.517	ppbv	95
9) Propene	2.99	41	44743	0.968	ppbv	85
11) Trichlorofluoromethane	3.91	101	74069	0.297	ppbv	98
13) Ethanol	3.57	45	1053126	105.069	ppbv	95
15) Acetone	3.82	43	537249	4.767	ppbv	90
19) Isopropyl Alcohol	3.94	45	246513m	3.560	ppbv	
20) Methylene Chloride	4.30	84	87319	1.101	ppbv	98
26) Hexane	5.64	57	251691	2.056	ppbv #	50
29) Chloroform	5.71	83	31198m	0.130	ppbv	
30) Cyclohexane	7.12	84	18520m	0.139	ppbv	
34) 2-Butanone	5.21	43	24268	0.195	ppbv	90
35) Carbon Tetrachloride	6.97	117	14276	0.070	ppbv	91
36) Benzene	6.84	78	84722	0.297	ppbv	98
44) 2,2,4-Trimethylpentane	7.83	57	44126	0.117	ppbv #	50
52) Tetrachloroethene	11.18	164	23486m	0.174	ppbv	
53) Toluene	9.76	91	2203749	6.412	ppbv	99
59) m/p-Xylene	12.92	91	53929m	0.148	ppbv	

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

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