

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
 Data File : VL037812.D
 Acq On : 8 Oct 2021 1:39
 Operator : SY/AP
 Sample : M4079-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P46

Manual Integrations
 APPROVED

apatel
 10/14/2021 1:19:22 PM

Quant Time: Oct 08 11:18:30 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 0
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1326690	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	3716956	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3171065	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2281222	10.29	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.04	85	44785m	0.211	ppbv	
3) Chlorodifluoromethane	2.97	51	360026m	1.412	ppbv	
4) Chloromethane	3.13	50	41252m	0.442	ppbv	
9) Propene	3.02	41	49656m	0.529	ppbv	
11) Trichlorofluoromethane	3.94	101	819345	4.334	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.48	101	9474m	0.066	ppbv	
13) Ethanol	3.60	45	13774958	1795.812	ppbv	83
15) Acetone	3.83	43	2282962	19.169	ppbv	100
17) tert-Butyl alcohol	4.30	59	25541	0.208	ppbv	98
19) Isopropyl Alcohol	3.97	45	1360459	18.361	ppbv #	97
20) Methylene Chloride	4.34	84	283959	4.719	ppbv	99
26) Hexane	5.67	57	196652	1.195	ppbv #	61
29) Chloroform	5.74	83	63013	0.268	ppbv	93
34) 2-Butanone	5.24	43	96221	0.641	ppbv #	90
35) Carbon Tetrachloride	7.01	117	13363m	0.063	ppbv	
52) Tetrachloroethene	11.21	164	15940m	0.129	ppbv	
53) Toluene	9.80	91	136554	0.388	ppbv	98
59) m/p-Xylene	12.95	91	49414m	0.135	ppbv	

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

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