

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100521\
 Data File : VL037773.D
 Acq On : 5 Oct 2021 14:41
 Operator : SY/AP
 Sample : M4012-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P17

Manual Integrations
 APPROVED

MMDadoda
 10/11/2021 7:37:19 PM

Quant Time: Oct 06 05:50:05 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	1340897	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3804260	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	3357129	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2410518m	10.27	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.04	85	41562m	0.194	ppbv	
3) Chlorodifluoromethane	2.98	51	49222	0.191	ppbv #	90
4) Chloromethane	3.13	50	23837	0.253	ppbv #	85
9) Propene	3.01	41	34089m	0.360	ppbv	
11) Trichlorofluoromethane	3.94	101	40673m	0.213	ppbv	
13) Ethanol	3.60	45	350379	45.194	ppbv	90
15) Acetone	3.84	43	1617910	13.441	ppbv	92
17) tert-Butyl alcohol	4.29	59	18280m	0.147	ppbv	
19) Isopropyl Alcohol	3.96	45	3773458	50.389	ppbv #	99
20) Methylene Chloride	4.33	84	821659	13.510	ppbv	98
26) Hexane	5.67	57	317253	1.907	ppbv #	49
27) Carbon Disulfide	4.54	76	32325m	0.219	ppbv	
29) Chloroform	5.74	83	4513098	18.983	ppbv	99
32) 1,1,1-Trichloroethane	6.50	97	10772m	0.048	ppbv	
34) 2-Butanone	5.23	43	292258	1.903	ppbv	96
36) Benzene	6.88	78	31613m	0.097	ppbv	
38) Trichloroethene	7.82	130	8324m	0.065	ppbv	
42) Bromodichloromethane	7.78	83	32439	0.144	ppbv #	88
50) 4-Methyl-2-Pentanone	8.73	43	35613m	0.178	ppbv	
52) Tetrachloroethene	11.21	164	2697515	21.338	ppbv	96
53) Toluene	9.78	91	119082m	0.331	ppbv	
58) Ethyl Benzene	12.70	91	55616m	0.123	ppbv	
59) m/p-Xylene	12.94	91	99977m	0.258	ppbv	
60) o-Xylene	13.67	91	45868m	0.124	ppbv	
74) 1,2,4-Trimethylbenzene	16.73	105	70358	0.175	ppbv #	74
75) 1,3-Dichlorobenzene	16.97	146	266624m	1.071	ppbv	
79) Naphthalene	22.16	128	37968m	0.154	ppbv	

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

