

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
 Data File : VL037810.D
 Acq On : 8 Oct 2021 00:21
 Operator : SY/AP
 Sample : M4079-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P45

Manual Integrations
 APPROVED

apatel
 10/14/2021 1:19:25 PM

Quant Time: Oct 08 11:12:14 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	1293704	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	3672860	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3128542	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2242620	10.25	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.04	85	36148	0.175	ppbv	89
3) Chlorodifluoromethane	2.97	51	239704m	0.964	ppbv	
4) Chloromethane	3.14	50	38898	0.427	ppbv	90
9) Propene	3.02	41	56357m	0.616	ppbv	
11) Trichlorofluoromethane	3.94	101	1192676	6.469	ppbv	100
13) Ethanol	3.60	45	14774351	1975.211	ppbv	83
15) Acetone	3.84	43	2379155	20.486	ppbv	98
17) tert-Butyl alcohol	4.30	59	27460m	0.230	ppbv	
19) Isopropyl Alcohol	3.97	45	1256755	17.394	ppbv #	97
20) Methylene Chloride	4.33	84	957206	16.312	ppbv	92
26) Hexane	5.67	57	544823	3.395	ppbv #	50
29) Chloroform	5.74	83	66866	0.292	ppbv #	83
34) 2-Butanone	5.23	43	114155	0.770	ppbv	98
35) Carbon Tetrachloride	7.01	117	13199m	0.063	ppbv	
36) Benzene	6.88	78	43521m	0.139	ppbv	
50) 4-Methyl-2-Pentanone	8.74	43	37695m	0.195	ppbv	
52) Tetrachloroethene	11.20	164	41994m	0.344	ppbv	
53) Toluene	9.79	91	199934	0.575	ppbv	99
59) m/p-Xylene	12.94	91	91294m	0.253	ppbv	
60) o-Xylene	13.68	91	39873m	0.115	ppbv	
61) Styrene	13.51	104	23723m	0.142	ppbv	
74) 1,2,4-Trimethylbenzene	16.74	105	46645m	0.125	ppbv	

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

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