

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
 Data File : VL037801.D
 Acq On : 7 Oct 2021 18:25
 Operator : SY/AP
 Sample : M4079-08
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P20

Manual Integrations
 APPROVED

apatel
 10/14/2021 1:19:37 PM

Quant Time: Oct 08 10:45:08 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	1287379	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3700742	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3027552	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2223404	10.50	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.04	85	28435	0.138	ppbv #	82
3) Chlorodifluoromethane	2.98	51	24963	0.101	ppbv	99
4) Chloromethane	3.13	50	9885m	0.109	ppbv	
9) Propene	3.00	41	66269	0.728	ppbv	97
10) Heptane	8.10	43	24399m	0.118	ppbv	
11) Trichlorofluoromethane	3.94	101	35811	0.195	ppbv #	79
13) Ethanol	3.59	45	175418m	23.567	ppbv	
15) Acetone	3.84	43	2805815	24.278	ppbv	96
17) tert-Butyl alcohol	4.29	59	47977m	0.403	ppbv	
19) Isopropyl Alcohol	3.96	45	44412m	0.618	ppbv	
20) Methylene Chloride	4.33	84	64829	1.110	ppbv	96
26) Hexane	5.68	57	78503	0.492	ppbv #	43
27) Carbon Disulfide	4.54	76	37194	0.263	ppbv #	93
29) Chloroform	5.74	83	188324	0.825	ppbv	92
34) 2-Butanone	5.23	43	551544	3.692	ppbv	96
36) Benzene	6.88	78	31321m	0.099	ppbv	
51) 2-Hexanone	10.13	43	80732m	0.930	ppbv	
52) Tetrachloroethene	11.21	164	188133m	1.530	ppbv	
53) Toluene	9.79	91	60717m	0.173	ppbv	
58) Ethyl Benzene	12.69	91	114679m	0.282	ppbv	
59) m/p-Xylene	12.95	91	363770m	1.042	ppbv	
60) o-Xylene	13.67	91	137220	0.410	ppbv	97
74) 1,2,4-Trimethylbenzene	16.74	105	69125m	0.191	ppbv	
79) Naphthalene	22.18	128	36600m	0.165	ppbv	

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

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