

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
 Data File : VL037816.D
 Acq On : 8 Oct 2021 4:17
 Operator : SY/AP
 Sample : M4079-11
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P10

Manual Integrations
 APPROVED

apatel
 10/14/2021 1:19:50 PM

Quant Time: Oct 08 11:26:06 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	1245784	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	3518759	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	3125798	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2221975	10.17	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.04	85	23741m	0.119	ppbv	
4) Chloromethane	3.13	50	17620m	0.201	ppbv	
9) Propene	3.01	41	105863	1.202	ppbv	98
10) Heptane	8.10	43	40267m	0.201	ppbv	
11) Trichlorofluoromethane	3.94	101	34269	0.193	ppbv	87
13) Ethanol	3.59	45	559565	77.687	ppbv	82
15) Acetone	3.84	43	9419142	84.224	ppbv	94
17) tert-Butyl alcohol	4.29	59	236292	2.052	ppbv	99
19) Isopropyl Alcohol	3.96	45	165031	2.372	ppbv #	96
20) Methylene Chloride	4.34	84	57937	1.025	ppbv	92
26) Hexane	5.68	57	88426	0.572	ppbv #	49
27) Carbon Disulfide	4.55	76	69229m	0.506	ppbv	
29) Chloroform	5.74	83	258049m	1.168	ppbv	
34) 2-Butanone	5.23	43	2347349	16.524	ppbv	98
36) Benzene	6.88	78	52893m	0.176	ppbv	
51) 2-Hexanone	10.13	43	271822	3.293	ppbv #	97
52) Tetrachloroethene	11.21	164	519217	4.440	ppbv	98
53) Toluene	9.79	91	84721m	0.254	ppbv	
58) Ethyl Benzene	12.69	91	110192	0.263	ppbv	92
59) m/p-Xylene	12.95	91	461325m	1.280	ppbv	
60) o-Xylene	13.68	91	153009	0.443	ppbv	99
75) 1,3-Dichlorobenzene	16.98	146	36164m	0.156	ppbv	
79) Naphthalene	22.18	128	49080m	0.214	ppbv	

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

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