

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
 Data File : VL037802.D
 Acq On : 7 Oct 2021 19:06
 Operator : SY/AP
 Sample : M4079-08DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P20DUP

Manual Integrations
 APPROVED

MMDadoda
 10/18/2021 5:16:58 PM

Quant Time: Oct 08 10:48:42 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	1394372	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	3920798	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3031417	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2248268	10.61	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.04	85	52460m	0.236	ppbv	
3) Chlorodifluoromethane	2.98	51	26447	0.099	ppbv	98
9) Propene	3.00	41	91995	0.933	ppbv	98
10) Heptane	8.11	43	24192m	0.108	ppbv	
11) Trichlorofluoromethane	3.94	101	36512m	0.184	ppbv	
13) Ethanol	3.60	45	152199m	18.879	ppbv	
15) Acetone	3.84	43	2761666	22.063	ppbv	93
17) tert-Butyl alcohol	4.30	59	46714m	0.362	ppbv	
19) Isopropyl Alcohol	3.97	45	45421m	0.583	ppbv	
20) Methylene Chloride	4.34	84	64816	1.025	ppbv	96
26) Hexane	5.68	57	75280	0.435	ppbv #	52
27) Carbon Disulfide	4.54	76	39572m	0.258	ppbv	
29) Chloroform	5.74	83	191578	0.775	ppbv	99
34) 2-Butanone	5.24	43	566286	3.578	ppbv	98
36) Benzene	6.87	78	30835m	0.092	ppbv	
51) 2-Hexanone	10.13	43	83527m	0.908	ppbv	
52) Tetrachloroethene	11.20	164	182941	1.404	ppbv	95
53) Toluene	9.78	91	62931m	0.170	ppbv	
58) Ethyl Benzene	12.69	91	105937	0.260	ppbv	89
59) m/p-Xylene	12.95	91	390208m	1.117	ppbv	
60) o-Xylene	13.67	91	140066	0.418	ppbv	97
74) 1,2,4-Trimethylbenzene	16.74	105	67851m	0.187	ppbv	
79) Naphthalene	22.18	128	32776m	0.148	ppbv	

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

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