

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
 Data File : VL037799.D
 Acq On : 7 Oct 2021 17:07
 Operator : SY/AP
 Sample : M4079-07
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P18

Manual Integrations
 APPROVED

apatel
 10/14/2021 1:19:40 PM

Quant Time: Oct 08 10:39:50 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	1210145	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	3757386	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3043346	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2149182	10.10	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.04	85	27792m	0.144	ppbv	
3) Chlorodifluoromethane	2.98	51	22773	0.098	ppbv	93
9) Propene	3.01	41	38092	0.445	ppbv	97
11) Trichlorofluoromethane	3.94	101	36312m	0.211	ppbv	
13) Ethanol	3.60	45	224021m	32.018	ppbv	
15) Acetone	3.84	43	1282979	11.810	ppbv	92
17) tert-Butyl alcohol	4.30	59	70504m	0.630	ppbv	
19) Isopropyl Alcohol	3.97	45	54702m	0.809	ppbv	
20) Methylene Chloride	4.34	84	153370m	2.794	ppbv	
26) Hexane	5.67	57	222282	1.481	ppbv #	46
27) Carbon Disulfide	4.54	76	28677m	0.216	ppbv	
29) Chloroform	5.74	83	4177294	19.469	ppbv	98
34) 2-Butanone	5.24	43	211540	1.395	ppbv	100
52) Tetrachloroethene	11.21	164	185874	1.489	ppbv	96
53) Toluene	9.79	91	77160	0.217	ppbv	88
58) Ethyl Benzene	12.69	91	102249	0.250	ppbv	97
59) m/p-Xylene	12.95	91	416258m	1.187	ppbv	
60) o-Xylene	13.67	91	134215	0.399	ppbv	94
74) 1,2,4-Trimethylbenzene	16.74	105	58878m	0.162	ppbv	
79) Naphthalene	22.18	128	44800m	0.201	ppbv	

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

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