

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100521\
 Data File : VL037779.D
 Acq On : 5 Oct 2021 18:37
 Operator : SY/AP
 Sample : M4012-09
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P27

Manual Integrations
 APPROVED

MMDadoda
 10/11/2021 7:36:21 PM

Quant Time: Oct 06 06:07:45 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	1313584	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	3756449	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	3258159	10.00	ppbv	-0.03

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.39	95	2199187	9.65	ppbv	-0.03	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.04	85	41791	0.199	ppbv #	85
3) Chlorodifluoromethane	2.98	51	58557	0.232	ppbv	97
4) Chloromethane	3.13	50	34968m	0.378	ppbv	
9) Propene	3.01	41	39503	0.425	ppbv	92
11) Trichlorofluoromethane	3.93	101	37749m	0.202	ppbv	
13) Ethanol	3.59	45	260121	34.250	ppbv	86
15) Acetone	3.83	43	459695	3.898	ppbv	92
17) tert-Butyl alcohol	4.29	59	12328m	0.102	ppbv	
19) Isopropyl Alcohol	3.96	45	159016	2.168	ppbv #	88
20) Methylene Chloride	4.33	84	646967	10.859	ppbv	91
26) Hexane	5.67	57	261111	1.603	ppbv #	45
29) Chloroform	5.73	83	38230m	0.164	ppbv	
34) 2-Butanone	5.23	43	47872	0.316	ppbv #	85
35) Carbon Tetrachloride	7.00	117	11728m	0.055	ppbv	
36) Benzene	6.86	78	39776m	0.124	ppbv	
50) 4-Methyl-2-Pentanone	8.74	43	40590m	0.206	ppbv	
52) Tetrachloroethene	11.20	164	802720	6.431	ppbv	96
53) Toluene	9.78	91	95582m	0.269	ppbv	
58) Ethyl Benzene	12.69	91	60178	0.138	ppbv	91
59) m/p-Xylene	12.94	91	250787m	0.668	ppbv	
60) o-Xylene	13.66	91	70893m	0.197	ppbv	
74) 1,2,4-Trimethylbenzene	16.74	105	52666m	0.135	ppbv	
75) 1,3-Dichlorobenzene	16.97	146	34612m	0.143	ppbv	
79) Naphthalene	22.17	128	40307m	0.169	ppbv	

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

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