

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100521\
 Data File : VL037781.D
 Acq On : 5 Oct 2021 19:59
 Operator : SY/AP
 Sample : M4012-10
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P01

Manual Integrations
 APPROVED

MMDadoda
 10/11/2021 7:36:26 PM

Quant Time: Oct 06 06:12:29 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	1236678	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	3546370	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	3127970	10.00	ppbv	-0.03

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.39	95	2200485	10.06	ppbv	-0.03	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.04	85	25621	0.130	ppbv	98
4) Chloromethane	3.13	50	59787	0.687	ppbv	97
9) Propene	3.00	41	28467	0.326	ppbv	91
10) Heptane	8.10	43	83812m	0.422	ppbv	
11) Trichlorofluoromethane	3.93	101	36324m	0.206	ppbv	
13) Ethanol	3.59	45	290382	40.612	ppbv	85
15) Acetone	3.83	43	1327752	11.960	ppbv #	79
19) Isopropyl Alcohol	3.95	45	551858	7.990	ppbv #	1
20) Methylene Chloride	4.33	84	1934699	34.491	ppbv	97
26) Hexane	5.67	57	695468	4.534	ppbv #	45
27) Carbon Disulfide	4.54	76	327176	2.407	ppbv	99
29) Chloroform	5.73	83	145804	0.665	ppbv	96
30) Cyclohexane	7.11	84	40242m	0.309	ppbv	
32) 1,1,1-Trichloroethane	6.48	97	75410	0.363	ppbv	91
34) 2-Butanone	5.23	43	228819	1.598	ppbv #	83
36) Benzene	6.87	78	126466	0.418	ppbv	95
50) 4-Methyl-2-Pentanone	8.73	43	52183m	0.280	ppbv	
52) Tetrachloroethene	11.20	164	5011386	42.524	ppbv	96
53) Toluene	9.78	91	228305	0.680	ppbv	98
58) Ethyl Benzene	12.69	91	135470	0.323	ppbv	92
59) m/p-Xylene	12.95	91	309329m	0.858	ppbv	
60) o-Xylene	13.66	91	126757m	0.367	ppbv	
73) 1,3,5-Trimethylbenzene	15.97	105	37726	0.106	ppbv #	74
74) 1,2,4-Trimethylbenzene	16.74	105	161391m	0.431	ppbv	
75) 1,3-Dichlorobenzene	16.98	146	69468m	0.300	ppbv	
79) Naphthalene	22.16	128	50196m	0.219	ppbv	

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

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