

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100521\
 Data File : VL037777.D
 Acq On : 5 Oct 2021 17:16
 Operator : SY/AP
 Sample : M4012-06
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P28

Manual Integrations
 APPROVED

MMDadoda
 10/11/2021 7:36:16 PM

Quant Time: Oct 06 06:01:13 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	1348113	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	3747701	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	3145853	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2318871	10.54	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.04	85	50108	0.233	ppbv	98
3) Chlorodifluoromethane	2.98	51	54676	0.211	ppbv	93
4) Chloromethane	3.13	50	30750	0.324	ppbv #	66
9) Propene	3.01	41	56604m	0.594	ppbv	
10) Heptane	8.10	43	29365m	0.136	ppbv	
11) Trichlorofluoromethane	3.93	101	38775m	0.202	ppbv	
13) Ethanol	3.59	45	308524m	39.582	ppbv	
15) Acetone	3.84	43	1625171	13.429	ppbv	97
17) tert-Butyl alcohol	4.29	59	64408m	0.517	ppbv	
19) Isopropyl Alcohol	3.96	45	174942m	2.324	ppbv	
20) Methylene Chloride	4.33	84	521786	8.533	ppbv	96
26) Hexane	5.67	57	217156	1.299	ppbv #	44
34) 2-Butanone	5.23	43	229749	1.519	ppbv	97
35) Carbon Tetrachloride	7.00	117	11828m	0.056	ppbv	
36) Benzene	6.87	78	55570	0.174	ppbv #	95
44) 2,2,4-Trimethylpentane	7.85	57	118269	0.220	ppbv #	83
50) 4-Methyl-2-Pentanone	8.74	43	28836m	0.146	ppbv	
52) Tetrachloroethene	11.20	164	42940m	0.345	ppbv	
53) Toluene	9.78	91	194502	0.548	ppbv	98
58) Ethyl Benzene	12.69	91	132756	0.314	ppbv	89
59) m/p-Xylene	12.94	91	594540m	1.640	ppbv	
60) o-Xylene	13.67	91	153810m	0.443	ppbv	
74) 1,2,4-Trimethylbenzene	16.73	105	51997m	0.138	ppbv	

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

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