

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100521\
 Data File : VL037790.D
 Acq On : 6 Oct 2021 1:49
 Operator : SY/AP
 Sample : M4012-15
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P26

Manual Integrations
 APPROVED

MMDadoda
 10/11/2021 7:36:43 PM

Quant Time: Oct 06 06:34:12 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	1237884	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	3594885	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3148061	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	2238960	10.17	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.03	85	36150	0.183	ppbv #	86
3) Chlorodifluoromethane	2.97	51	64363	0.271	ppbv #	84
4) Chloromethane	3.13	50	17494m	0.201	ppbv	
9) Propene	3.01	41	33759	0.386	ppbv	99
11) Trichlorofluoromethane	3.93	101	46179m	0.262	ppbv	
13) Ethanol	3.59	45	1043522	145.801	ppbv	81
15) Acetone	3.83	43	1363245	12.268	ppbv	99
17) tert-Butyl alcohol	4.28	59	45974m	0.402	ppbv	
19) Isopropyl Alcohol	3.95	45	366541	5.302	ppbv #	87
20) Methylene Chloride	4.33	84	462078	8.230	ppbv	90
26) Hexane	5.66	57	296014	1.928	ppbv #	48
29) Chloroform	5.73	83	69221	0.315	ppbv #	78
34) 2-Butanone	5.22	43	86580	0.597	ppbv #	79
35) Carbon Tetrachloride	6.99	117	25427m	0.125	ppbv	
36) Benzene	6.87	78	70963m	0.231	ppbv	
44) 2,2,4-Trimethylpentane	7.84	57	43325	0.084	ppbv #	72
50) 4-Methyl-2-Pentanone	8.72	43	99226m	0.525	ppbv	
52) Tetrachloroethene	11.19	164	255591	2.140	ppbv	92
53) Toluene	9.78	91	535508	1.574	ppbv	98
58) Ethyl Benzene	12.68	91	133790	0.316	ppbv	89
59) m/p-Xylene	12.94	91	331580m	0.914	ppbv	
60) o-Xylene	13.66	91	104813	0.301	ppbv	97
61) Styrene	13.50	104	52616	0.313	ppbv	95
73) 1,3,5-Trimethylbenzene	15.96	105	34654m	0.097	ppbv	
74) 1,2,4-Trimethylbenzene	16.73	105	132927m	0.353	ppbv	
79) Naphthalene	22.17	128	61437m	0.266	ppbv	
80) Naphthalene,2-methyl-	24.94	142	8787	0.142	ppbv #	76

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

