

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100521\
 Data File : VL037788.D
 Acq On : 6 Oct 2021 00:30
 Operator : SY/AP
 Sample : M4012-14
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P25

Manual Integrations
 APPROVED

MMDadoda
 10/11/2021 7:36:40 PM

Quant Time: Oct 06 06:27:52 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 06 06:27:52 2021
 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	1251507	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	3594782	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3257373	10.00	ppbv	-0.03

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.38	95	2247681	9.87	ppbv	-0.04	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.03	85	34072m	0.170	ppbv	
3) Chlorodifluoromethane	2.97	51	65812m	0.274	ppbv	
4) Chloromethane	3.13	50	15609m	0.177	ppbv	
9) Propene	3.00	41	52589	0.594	ppbv	85
10) Heptane	8.10	43	48183m	0.240	ppbv	
11) Trichlorofluoromethane	3.93	101	38444	0.216	ppbv	92
13) Ethanol	3.59	45	2773541	383.302	ppbv	79
15) Acetone	3.83	43	2569677	22.872	ppbv	98
17) tert-Butyl alcohol	4.28	59	81896	0.708	ppbv #	89
19) Isopropyl Alcohol	3.95	45	796927	11.402	ppbv #	90
20) Methylene Chloride	4.33	84	157421	2.773	ppbv	96
26) Hexane	5.66	57	132584	0.854	ppbv #	77
29) Chloroform	5.73	83	68658	0.309	ppbv #	80
34) 2-Butanone	5.22	43	190464	1.312	ppbv	94
35) Carbon Tetrachloride	6.99	117	13556m	0.066	ppbv	
36) Benzene	6.86	78	84783	0.276	ppbv	97
37) 1,2-Dichloroethane	6.29	62	27543m	0.191	ppbv	
41) Tetrahydrofuran	6.03	42	31199m	0.439	ppbv	
44) 2,2,4-Trimethylpentane	7.84	57	56497m	0.110	ppbv	
50) 4-Methyl-2-Pentanone	8.73	43	109692	0.581	ppbv	99
52) Tetrachloroethene	11.20	164	402952	3.373	ppbv	95
53) Toluene	9.78	91	1415683	4.160	ppbv	100
58) Ethyl Benzene	12.68	91	222357	0.508	ppbv	98
59) m/p-Xylene	12.94	91	541974m	1.443	ppbv	
60) o-Xylene	13.66	91	184535	0.513	ppbv	98
61) Styrene	13.50	104	80449m	0.462	ppbv	
69) p-Isopropyltoluene	17.62	119	52361m	0.107	ppbv	
74) 1,2,4-Trimethylbenzene	16.73	105	148105	0.380	ppbv #	75
79) Naphthalene	22.15	128	66766m	0.280	ppbv	
80) Naphthalene,2-methyl-	24.95	142	7384	0.115	ppbv	95

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

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