

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090821\
 Data File : VL037578.D
 Acq On : 8 Sep 2021 19:08
 Operator : SY/AP
 Sample : M3663-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampled :
 IA-1

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:52:42 AM

Quant Time: Sep 09 09:13:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.681	49	1532187	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.189	114	4581780	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.098	117	3907499	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.429	95	2875103	10.357	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.050	85	32571	0.132	ppbv	96
4) Chloromethane	3.147	50	53250m	0.508	ppbv	
9) Propene	3.025	41	343136m	3.269	ppbv	
10) Heptane	8.143	43	43300m	0.179	ppbv	
11) Trichlorofluoromethane	3.960	101	100598	0.436	ppbv	96
13) Ethanol	3.613	45	7216795	706.485	ppbv	92
15) Acetone	3.857	43	2038462	13.073	ppbv	94
17) tert-Butyl alcohol	4.308	59	88906m	0.624	ppbv	
19) Isopropyl Alcohol	3.976	45	15612796	174.768	ppbv #	99
20) Methylene Chloride	4.353	84	124474	1.594	ppbv	90
26) Hexane	5.700	57	464010	2.397	ppbv #	62
27) Carbon Disulfide	4.562	76	49036	0.284	ppbv #	82
29) Chloroform	5.764	83	178175	0.650	ppbv	98
30) Cyclohexane	7.144	84	42656m	0.265	ppbv	
34) 2-Butanone	5.259	43	96605	0.516	ppbv #	87
35) Carbon Tetrachloride	7.031	117	17975m	0.066	ppbv	
36) Benzene	6.906	78	130356m	0.338	ppbv	
38) Trichloroethene	7.848	130	11990m	0.076	ppbv	
44) 2,2,4-Trimethylpentane	7.880	57	199363	0.308	ppbv #	86
50) 4-Methyl-2-Pentanone	8.758	43	69635m	0.285	ppbv	
52) Tetrachloroethene	11.237	164	289226	1.832	ppbv	98
53) Toluene	9.819	91	1053744	2.396	ppbv	99
58) Ethyl Benzene	12.722	91	156100	0.288	ppbv	95
59) m/p-Xylene	12.983	91	534532m	1.137	ppbv	
60) o-Xylene	13.709	91	180672m	0.412	ppbv	
69) p-Isopropyltoluene	17.664	119	160192	0.249	ppbv #	84
74) 1,2,4-Trimethylbenzene	16.780	105	143789m	0.279	ppbv	
79) Naphthalene	22.220	128	57373m	0.166	ppbv	

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

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