

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090821\
 Data File : VL037585.D
 Acq On : 8 Sep 2021 23:57
 Operator : SY/AP
 Sample : M3663-04 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:53:33 AM

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9/10/2021 10:53:33 AM

Quant Time: Sep 09 09:15:18 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	5.674	49	1641185	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.185	114	4785550	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.098	117	4307720	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.430	95	3244001	10.600	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.000%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.967	51	157367	0.501	ppbv	# 65
9) Propene	3.012	41	145323	1.292	ppbv	96
10) Heptane	8.137	43	81273m	0.314	ppbv	
13) Ethanol	3.620	45	87812m	8.025	ppbv	
15) Acetone	3.854	43	5028381	30.105	ppbv	99
17) tert-Butyl alcohol	4.305	59	177816	1.165	ppbv	96
19) Isopropyl Alcohol	3.977	45	170101	1.778	ppbv	# 95
20) Methylene Chloride	4.353	84	478620	5.723	ppbv	93
26) Hexane	5.694	57	588786	2.840	ppbv	# 48
27) Carbon Disulfide	4.562	76	57885	0.313	ppbv	# 96
32) 1,1,1-Trichloroethane	6.517	97	53212m	0.184	ppbv	
34) 2-Butanone	5.256	43	562343	2.878	ppbv	# 88
36) Benzene	6.899	78	166556m	0.414	ppbv	
38) Trichloroethene	7.848	130	123725	0.750	ppbv	93
50) 4-Methyl-2-Pentanone	8.764	43	66803	0.262	ppbv	99
52) Tetrachloroethene	11.233	164	227313	1.379	ppbv	93
53) Toluene	9.819	91	9259479	20.158	ppbv	99
58) Ethyl Benzene	12.729	91	20083796	33.596	ppbv	# 81
59) m/p-Xylene	12.999	91	36439026	70.313	ppbv	# 70
60) o-Xylene	13.709	91	17294530	35.755	ppbv	94
62) Isopropylbenzene	14.684	105	124497m	0.182	ppbv	
64) n-propylbenzene	15.571	120	62829m	0.362	ppbv	
70) n-Butylbenzene	18.568	91	108752m	0.161	ppbv	
72) 4-Ethyltoluene	15.854	105	336261	0.584	ppbv	98
73) 1,3,5-Trimethylbenzene	16.005	105	254195	0.475	ppbv	97
74) 1,2,4-Trimethylbenzene	16.773	105	846271	1.487	ppbv	# 67

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

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