

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022322\
 Data File : VL038414.D
 Acq On : 23 Feb 2022 19:04
 Operator : SY/AP
 Sample : N1607-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MP-6

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/24/2022
 Supervised By : Mahesh Dadoda 02/25/2022

Quant Time: Feb 24 07:30:31 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.655	49	615168	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.163	114	2291889	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.070	117	1989375	10.000	ppbv	# 0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.397	95	1577330	9.583	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.800%
Target Compounds						Qvalue
4) Chloromethane	3.128	50	23196m	0.615	ppbv	
9) Propene	2.999	41	10843m	0.302	ppbv	
10) Heptane	8.108	43	420510	4.816	ppbv	99
11) Trichlorofluoromethane	4.002	101	43280m	0.464	ppbv	
12) 1,1,2-Trichlorotrifluo...	4.478	101	7123m	0.104	ppbv	
13) Ethanol	3.597	45	146821	41.018	ppbv	91
15) Acetone	3.842	43	408129	7.802	ppbv	94
17) tert-Butyl alcohol	4.282	59	334299	6.405	ppbv	97
19) Isopropyl Alcohol	3.996	45	149366m	4.931	ppbv	
20) Methylene Chloride	4.337	84	536126	20.684	ppbv	97
26) Hexane	5.674	57	457876	7.194	ppbv	# 43
29) Chloroform	5.739	83	31300	0.301	ppbv	88
30) Cyclohexane	7.121	84	175675	3.375	ppbv	91
34) 2-Butanone	5.234	43	32951	0.457	ppbv	# 86
35) Carbon Tetrachloride	7.005	117	6760m	0.042	ppbv	
36) Benzene	6.877	78	36587	0.181	ppbv	91
38) Trichloroethene	7.825	130	12167m	0.166	ppbv	
44) 2,2,4-Trimethylpentane	7.857	57	874952	2.523	ppbv	# 78
52) Tetrachloroethene	11.214	164	15849m	0.237	ppbv	
53) Toluene	9.790	91	415508	1.897	ppbv	99
57) Chlorobenzene	12.176	112	313864m	2.045	ppbv	
58) Ethyl Benzene	12.697	91	79545	0.292	ppbv	97
59) m/p-Xylene	12.954	91	145378	0.622	ppbv	88
60) o-Xylene	13.677	91	81088m	0.367	ppbv	
62) Isopropylbenzene	14.651	105	313730	1.058	ppbv	96
64) n-propylbenzene	15.548	120	49389	0.673	ppbv	71
65) tert-Butylbenzene	16.738	119	26277m	0.102	ppbv	
67) sec-Butylbenzene	17.275	105	208654	0.574	ppbv	98
69) p-Isopropyltoluene	17.635	119	61221m	0.214	ppbv	
70) n-Butylbenzene	18.545	91	104663m	0.354	ppbv	
71) 2-Chlorotoluene	15.542	91	268003m	1.176	ppbv	
72) 4-Ethyltoluene	15.825	105	292417m	1.202	ppbv	
73) 1,3,5-Trimethylbenzene	15.979	105	773133	3.499	ppbv	97
74) 1,2,4-Trimethylbenzene	16.748	105	142040m	0.609	ppbv	
79) Naphthalene	22.172	128	37702m	0.298	ppbv	

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

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