

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022322\
 Data File : VL038408.D
 Acq On : 23 Feb 2022 14:53
 Operator : SY/AP
 Sample : N1607-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MP-7

Manual Integrations
 APPROVED

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

Quant Time: Feb 24 07:27:05 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL02222AIR.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	5.671	49	870973	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.179	114	2012306	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.089	117	1926822	10.000	ppbv	# 0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.417	95	1518027	9.522	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.063	85	23868m	0.173	ppbv	
3) Chlorodifluoromethane	2.999	51	34358	0.223	ppbv	98
4) Chloromethane	3.153	50	39002	0.730	ppbv	92
9) Propene	3.031	41	75428	1.485	ppbv #	75
10) Heptane	8.124	43	42109	0.341	ppbv	97
11) Trichlorofluoromethane	3.957	101	29145	0.221	ppbv	99
13) Ethanol	3.616	45	2935679	579.281	ppbv	87
15) Acetone	3.854	43	1121374	15.140	ppbv	96
17) tert-Butyl alcohol	4.311	59	25421m	0.344	ppbv	
19) Isopropyl Alcohol	3.980	45	2878953	67.123	ppbv #	97
20) Methylene Chloride	4.356	84	277586	7.564	ppbv	91
26) Hexane	5.697	57	213956	2.374	ppbv #	55
30) Cyclohexane	7.134	84	14685m	0.199	ppbv	
32) 1,1,1-Trichloroethane	6.510	97	4619m	0.031	ppbv	
34) 2-Butanone	5.253	43	214239	3.385	ppbv	95
35) Carbon Tetrachloride	7.021	117	13183m	0.093	ppbv	
36) Benzene	6.896	78	54322	0.307	ppbv	96
38) Trichloroethene	7.841	130	3552m	0.055	ppbv	
43) Methyl Methacrylate	8.015	69	23184m	0.376	ppbv	
44) 2,2,4-Trimethylpentane	7.873	57	53579	0.176	ppbv #	61
50) 4-Methyl-2-Pentanone	8.754	43	14550	0.130	ppbv #	87
52) Tetrachloroethene	11.224	164	4185m	0.071	ppbv	
53) Toluene	9.806	91	1042888	5.422	ppbv	99
58) Ethyl Benzene	12.716	91	74331m	0.282	ppbv	
59) m/p-Xylene	12.970	91	189567m	0.838	ppbv	
60) o-Xylene	13.693	91	87737	0.410	ppbv	97
61) Styrene	13.529	104	37043	0.375	ppbv #	86
62) Isopropylbenzene	14.667	105	50581m	0.176	ppbv	
67) sec-Butylbenzene	17.288	105	40951m	0.116	ppbv	
69) p-Isopropyltoluene	17.648	119	41266m	0.149	ppbv	
70) n-Butylbenzene	18.548	91	49667m	0.173	ppbv	
72) 4-Ethyltoluene	15.844	105	61270m	0.260	ppbv	
73) 1,3,5-Trimethylbenzene	15.999	105	57169m	0.267	ppbv	
74) 1,2,4-Trimethylbenzene	16.761	105	158282	0.700	ppbv #	66
79) Naphthalene	22.194	128	36623m	0.299	ppbv	
81) 1,2,4-Trichlorobenzene	21.918	180	9740m	0.132	ppbv	

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

Manual Integrations

Quant Time: Feb 24 07:27:05 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

