

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022322\
 Data File : VL038412.D
 Acq On : 23 Feb 2022 17:40
 Operator : SY/AP
 Sample : N1607-08
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MP-1

Manual Integrations
 APPROVED

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

Quant Time: Feb 24 07:29:26 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	5.664	49	915621	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.172	114	2361271	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.079	117	2072292	10.000	ppbv	# 0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	1673106	9.758	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.054	85	29012	0.200	ppbv #	85
4) Chloromethane	3.140	50	25171	0.448	ppbv	92
9) Propene	3.025	41	22846m	0.428	ppbv	
10) Heptane	8.118	43	29753	0.229	ppbv	96
11) Trichlorofluoromethane	3.954	101	24618	0.177	ppbv	89
13) Ethanol	3.613	45	1659563	311.504	ppbv	87
15) Acetone	3.845	43	5998236	77.034	ppbv	97
17) tert-Butyl alcohol	4.301	59	558580	7.190	ppbv	97
19) Isopropyl Alcohol	3.980	45	18201295	403.672	ppbv #	95
20) Methylene Chloride	4.346	84	252441	6.543	ppbv	98
26) Hexane	5.681	57	221560	2.339	ppbv #	47
29) Chloroform	5.754	83	15677m	0.101	ppbv	
30) Cyclohexane	7.131	84	31095m	0.401	ppbv	
31) cis-1,2-Dichloroethene	5.545	61	10452m	0.114	ppbv	
34) 2-Butanone	5.243	43	243813	3.283	ppbv	97
35) Carbon Tetrachloride	7.012	117	7914m	0.048	ppbv	
36) Benzene	6.883	78	32828	0.158	ppbv #	92
38) Trichloroethene	7.825	130	35973m	0.475	ppbv	
44) 2,2,4-Trimethylpentane	7.867	57	186695	0.523	ppbv #	86
50) 4-Methyl-2-Pentanone	8.741	43	42664	0.325	ppbv	88
51) 2-Hexanone	10.130	43	75726	1.288	ppbv #	99
52) Tetrachloroethene	11.224	164	7056m	0.102	ppbv	
53) Toluene	9.799	91	2623890	11.626	ppbv	99
58) Ethyl Benzene	12.700	91	244868	0.864	ppbv	98
59) m/p-Xylene	12.960	91	790246	3.247	ppbv	93
60) o-Xylene	13.683	91	408864	1.777	ppbv	92
61) Styrene	13.516	104	45926	0.433	ppbv	95
62) Isopropylbenzene	14.661	105	116953	0.379	ppbv	98
65) tert-Butylbenzene	16.748	119	138569m	0.518	ppbv	
67) sec-Butylbenzene	17.285	105	165236	0.436	ppbv	99
69) p-Isopropyltoluene	17.648	119	129100	0.434	ppbv	94
70) n-Butylbenzene	18.545	91	227527	0.739	ppbv #	61
72) 4-Ethyltoluene	15.828	105	362203	1.429	ppbv #	92
73) 1,3,5-Trimethylbenzene	15.986	105	381222	1.656	ppbv	99
74) 1,2,4-Trimethylbenzene	16.754	105	1217444	5.009	ppbv #	69
79) Naphthalene	22.185	128	61935m	0.470	ppbv	
80) Naphthalene,2-methyl-	24.966	142	10875m	0.423	ppbv	

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

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