

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022322\
 Data File : VL038411.D
 Acq On : 23 Feb 2022 16:58
 Operator : SY/AP
 Sample : N1607-07
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MP-8

Manual Integrations
 APPROVED

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

Quant Time: Feb 24 07:28:49 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	5.674	49	874397	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.179	114	2347254	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.082	117	2148496	10.000	ppbv	# 0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.410 95 1698813 9.556 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.057	85	17973	0.130	ppbv	97
4) Chloromethane	3.150	50	40721	0.759	ppbv	95
5) Vinyl Chloride	3.263	62	3401m	0.061	ppbv	
6) Bromomethane	3.475	94	4996m	0.169	ppbv	
7) Chloroethane	3.565	64	3630m	0.202	ppbv	
9) Propene	3.021	41	43664m	0.856	ppbv	
10) Heptane	8.127	43	117888m	0.950	ppbv	
11) Trichlorofluoromethane	3.954	101	38750	0.292	ppbv	84
13) Ethanol	3.610	45	1321983	259.838	ppbv	86
15) Acetone	3.848	43	4284767	57.623	ppbv	98
17) tert-Butyl alcohol	4.301	59	233243	3.144	ppbv	97
19) Isopropyl Alcohol	3.973	45	2633213	61.153	ppbv #	1
20) Methylene Chloride	4.353	84	176065	4.779	ppbv	96
26) Hexane	5.697	57	234945	2.597	ppbv #	44
29) Chloroform	5.758	83	31561	0.214	ppbv	97
30) Cyclohexane	7.140	84	73058m	0.987	ppbv	
34) 2-Butanone	5.250	43	252151	3.416	ppbv	93
35) Carbon Tetrachloride	7.018	117	11391m	0.069	ppbv	
36) Benzene	6.893	78	71302	0.345	ppbv	96
38) Trichloroethene	7.835	130	125672	1.670	ppbv	93
41) Tetrahydrofuran	6.053	42	170607	3.420	ppbv	98
44) 2,2,4-Trimethylpentane	7.870	57	968153	2.726	ppbv #	90
50) 4-Methyl-2-Pentanone	8.742	43	44332m	0.340	ppbv	
52) Tetrachloroethene	11.230	164	13927m	0.203	ppbv	
53) Toluene	9.803	91	2209537	9.848	ppbv	99
58) Ethyl Benzene	12.709	91	383822	1.306	ppbv	96
59) m/p-Xylene	12.960	91	523210	2.074	ppbv	93
60) o-Xylene	13.690	91	259546	1.088	ppbv	97
61) Styrene	13.526	104	2470286	22.455	ppbv	98
62) Isopropylbenzene	14.664	105	112745	0.352	ppbv	100
65) tert-Butylbenzene	16.754	119	85406m	0.308	ppbv	
67) sec-Butylbenzene	17.288	105	94326	0.240	ppbv	98
69) p-Isopropyltoluene	17.648	119	98683m	0.320	ppbv	
70) n-Butylbenzene	18.548	91	178658	0.559	ppbv #	60
72) 4-Ethyltoluene	15.834	105	202047	0.769	ppbv	99
73) 1,3,5-Trimethylbenzene	15.992	105	216872	0.909	ppbv	95
74) 1,2,4-Trimethylbenzene	16.754	105	700662	2.781	ppbv #	69
79) Naphthalene	22.194	128	150408m	1.102	ppbv	
80) Naphthalene,2-methyl-	24.963	142	24755m	0.928	ppbv	

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

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