

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022322\
 Data File : VL038413.D
 Acq On : 23 Feb 2022 18:22
 Operator : SY/AP
 Sample : N1607-09
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MP-3

Manual Integrations
 APPROVED

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

Quant Time: Feb 24 07:30:00 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	5.658	49	873995	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.166	114	2289430	10.000	ppbv	0.01
55) Chlorobenzene-d5	12.072	117	2009701	10.000	ppbv	# 0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.400	95	1565165	9.413	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.050	85	31715	0.229	ppbv	96
3) Chlorodifluoromethane	2.980	51	45435m	0.294	ppbv	
4) Chloromethane	3.140	50	14991m	0.280	ppbv	
9) Propene	3.015	41	26990m	0.530	ppbv	
10) Heptane	8.111	43	270553	2.181	ppbv	97
11) Trichlorofluoromethane	3.951	101	25036	0.189	ppbv #	79
13) Ethanol	3.607	45	137432	27.025	ppbv	91
15) Acetone	3.848	43	419609	5.646	ppbv	99
17) tert-Butyl alcohol	4.298	59	59557m	0.803	ppbv	
19) Isopropyl Alcohol	3.970	45	148731	3.456	ppbv #	1
20) Methylene Chloride	4.343	84	955306	25.941	ppbv	97
26) Hexane	5.680	57	601590	6.653	ppbv #	43
30) Cyclohexane	7.121	84	57999	0.784	ppbv #	80
34) 2-Butanone	5.246	43	26435m	0.367	ppbv	
35) Carbon Tetrachloride	7.008	117	8847m	0.055	ppbv	
36) Benzene	6.880	78	36557	0.181	ppbv #	87
38) Trichloroethene	7.832	130	2705m	0.037	ppbv	
41) Tetrahydrofuran	6.053	42	27696	0.569	ppbv #	89
44) 2,2,4-Trimethylpentane	7.860	57	298712	0.862	ppbv #	77
51) 2-Hexanone	10.095	43	118956	2.087	ppbv #	34
53) Toluene	9.796	91	1486562	6.793	ppbv	99
57) Chlorobenzene	12.175	112	74893m	0.483	ppbv	
58) Ethyl Benzene	12.696	91	238685	0.869	ppbv	99
59) m/p-Xylene	12.953	91	831083	3.521	ppbv	91
60) o-Xylene	13.677	91	194634	0.872	ppbv	94
62) Isopropylbenzene	14.654	105	101640m	0.339	ppbv	
64) n-propylbenzene	15.548	120	50569	0.682	ppbv	70
65) tert-Butylbenzene	16.744	119	92715	0.357	ppbv #	67
67) sec-Butylbenzene	17.281	105	107705	0.293	ppbv	100
69) p-Isopropyltoluene	17.645	119	66406m	0.230	ppbv	
70) n-Butylbenzene	18.538	91	170964m	0.572	ppbv	
72) 4-Ethyltoluene	15.828	105	251288	1.022	ppbv #	92
73) 1,3,5-Trimethylbenzene	15.982	105	280577	1.257	ppbv	98
74) 1,2,4-Trimethylbenzene	16.748	105	859744	3.648	ppbv #	67
79) Naphthalene	22.178	128	27102m	0.212	ppbv	
80) Naphthalene,2-methyl-	24.959	142	11722m	0.470	ppbv	

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

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