

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022322\
 Data File : VL038410.D
 Acq On : 23 Feb 2022 16:14
 Operator : SY/AP
 Sample : N1607-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MP-12

Manual Integrations
 APPROVED

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

Quant Time: Feb 24 07:28:13 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	5.671	49	919169	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.179	114	2371839	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.085	117	2091844	10.000	ppbv	# 0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.413	95	1669775	9.647	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.060	85	28780	0.198	ppbv	92
4) Chloromethane	3.150	50	14553	0.258	ppbv #	85
9) Propene	3.031	41	111269m	2.076	ppbv	
10) Heptane	8.124	43	352600	2.703	ppbv	99
11) Trichlorofluoromethane	3.960	101	64111	0.460	ppbv	91
13) Ethanol	3.620	45	312277m	58.389	ppbv	
15) Acetone	3.858	43	606269	7.756	ppbv	94
17) tert-Butyl alcohol	4.308	59	180987	2.321	ppbv	95
19) Isopropyl Alcohol	4.012	45	443243m	9.792	ppbv	
20) Methylene Chloride	4.353	84	681847	17.605	ppbv	97
26) Hexane	5.693	57	1166597	12.267	ppbv #	41
29) Chloroform	5.755	83	26085m	0.168	ppbv	
30) Cyclohexane	7.134	84	239362	3.077	ppbv	94
34) 2-Butanone	5.250	43	60022m	0.805	ppbv	
35) Carbon Tetrachloride	7.015	117	8427m	0.051	ppbv	
36) Benzene	6.893	78	122826	0.588	ppbv #	88
38) Trichloroethene	7.838	130	13279	0.175	ppbv #	80
44) 2,2,4-Trimethylpentane	7.870	57	751956	2.095	ppbv #	72
52) Tetrachloroethene	11.224	164	30417	0.439	ppbv	94
53) Toluene	9.812	91	10509885	46.359	ppbv	92
58) Ethyl Benzene	12.712	91	460238	1.609	ppbv	96
59) m/p-Xylene	12.966	91	1181154	4.808	ppbv	95
60) o-Xylene	13.687	91	499129	2.149	ppbv	98
62) Isopropylbenzene	14.664	105	113783	0.365	ppbv	100
65) tert-Butylbenzene	16.754	119	86085m	0.319	ppbv	
67) sec-Butylbenzene	17.291	105	103290	0.270	ppbv	100
69) p-Isopropyltoluene	17.648	119	66858	0.223	ppbv	98
70) n-Butylbenzene	18.551	91	65255	0.210	ppbv #	34
72) 4-Ethyltoluene	15.835	105	265633	1.038	ppbv	99
73) 1,3,5-Trimethylbenzene	15.995	105	292585	1.259	ppbv	99
74) 1,2,4-Trimethylbenzene	16.757	105	760434	3.100	ppbv #	71
79) Naphthalene	22.188	128	48024m	0.361	ppbv	
80) Naphthalene,2-methyl-	24.966	142	7743m	0.298	ppbv	

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

Manual Integrations

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