

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022322\
 Data File : VL038415.D
 Acq On : 23 Feb 2022 19:43
 Operator : SY/AP
 Sample : N1607-06 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MP-10

Manual Integrations
 APPROVED

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

Quant Time: Feb 24 07:31:05 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	5.655	49	932544	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.163	114	2531519	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.069	117	2238203	10.000	ppbv	# 0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.397 95 1772970 9.574 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.700%

Target Compounds

					Qvalue	
9) Propene	3.012	41	16273m	0.299	ppbv	
10) Heptane	8.108	43	841841	6.361	ppbv	100
13) Ethanol	3.610	45	61797m	11.389	ppbv	
15) Acetone	3.848	43	498108	6.281	ppbv	98
17) tert-Butyl alcohol	4.295	59	73537m	0.929	ppbv	
19) Isopropyl Alcohol	3.967	45	117852	2.566	ppbv	# 1
20) Methylene Chloride	4.333	84	12930m	0.329	ppbv	
26) Hexane	5.674	57	286646	2.971	ppbv	# 42
30) Cyclohexane	7.118	84	311336	3.945	ppbv	94
34) 2-Butanone	5.240	43	52413	0.658	ppbv	91
36) Benzene	6.877	78	132941	0.597	ppbv	93
44) 2,2,4-Trimethylpentane	7.854	57	381575	0.996	ppbv	# 40
53) Toluene	9.790	91	4267932	17.638	ppbv	98
57) Chlorobenzene	12.172	112	173017m	1.002	ppbv	
58) Ethyl Benzene	12.693	91	999127	3.264	ppbv	98
59) m/p-Xylene	12.950	91	2053344	7.812	ppbv	91
60) o-Xylene	13.674	91	911760	3.669	ppbv	98
62) Isopropylbenzene	14.645	105	239007	0.717	ppbv	98
64) n-propylbenzene	15.542	120	124682	1.510	ppbv	97
65) tert-Butylbenzene	16.738	119	134665	0.466	ppbv	# 69
67) sec-Butylbenzene	17.275	105	234608	0.573	ppbv	100
69) p-Isopropyltoluene	17.632	119	111746	0.348	ppbv	98
70) n-Butylbenzene	18.529	91	259100	0.779	ppbv	# 57
72) 4-Ethyltoluene	15.818	105	493395	1.802	ppbv	93
73) 1,3,5-Trimethylbenzene	15.976	105	427858	1.721	ppbv	98
74) 1,2,4-Trimethylbenzene	16.744	105	1255898	4.784	ppbv	# 68
79) Naphthalene	22.172	128	61455m	0.432	ppbv	
80) Naphthalene,2-methyl-	24.950	142	10126	0.364	ppbv	# 46

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

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