

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072733.D
 Acq On : 09 Jun 2022 16:16
 Operator : JC\MD
 Sample : N3214-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Quant Time: Jun 10 04:04:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 10 04:02:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.081	168	142706	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	271923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	263592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	106333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	216540	56.536	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 113.080%			
35) Dibromofluoromethane	8.022	113	143039	53.162	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.320%			
50) Toluene-d8	10.439	98	543582	50.636	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.280%			
62) 4-Bromofluorobenzene	12.727	95	161029	43.714	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 87.420%			
Target Compounds						
						Qvalue
3) Chloromethane	2.293	50	1393	0.505	ug/l	# 70
4) Vinyl Chloride	2.434	62	703	0.277	ug/l	# 51
5) Bromomethane	2.851	94	1238m	0.995	ug/l	
6) Chloroethane	2.999	64	539	0.302	ug/l	# 42
11) Tert butyl alcohol	5.322	59	3600m	3.940	ug/l	
13) Acrolein	4.034	56	1233	3.268	ug/l	90
14) Allyl chloride	4.828	41	1398m	0.294	ug/l	
15) Acrylonitrile	5.551	53	1492m	0.771	ug/l	
16) Acetone	4.298	43	6687	3.644	ug/l	97
17) Carbon Disulfide	4.528	76	1259m	0.242	ug/l	
18) Methyl Acetate	4.851	43	2431	0.509	ug/l	# 56
20) Methylene Chloride	5.093	84	1284m	0.443	ug/l	
22) Diisopropyl ether	6.487	45	2001	0.208	ug/l	# 84
23) Vinyl Acetate	6.428	43	9349m	1.060	ug/l	
24) 1,1-Dichloroethane	6.387	63	1091	0.218	ug/l	# 82
25) 2-Butanone	7.334	43	5365	1.817	ug/l	# 81
26) 2,2-Dichloropropane	7.310	77	2093m	0.463	ug/l	
27) cis-1,2-Dichloroethene	7.339	96	612	0.212	ug/l	# 3
29) Tetrahydrofuran	7.686	42	2542	1.393	ug/l	# 78
31) Cyclohexane	8.081	56	5909	1.365	ug/l	# 36
36) 1,1-Dichloropropene	8.222	75	957	0.256	ug/l	# 46
37) Ethyl Acetate	7.428	43	1865m	0.321	ug/l	
40) Benzene	8.457	78	2320	0.205	ug/l	# 90
41) Methacrylonitrile	7.633	41	399m	0.204	ug/l	
42) 1,2-Dichloroethane	8.533	62	1380	0.294	ug/l	# 74
43) Isopropyl Acetate	8.557	43	2255	0.250	ug/l	# 64
46) Dibromomethane	9.569	93	495	0.231	ug/l	# 47
47) Bromodichloromethane	9.751	83	899	0.204	ug/l	# 82
49) 1,4-Dioxane	9.580	88	347	4.440	ug/l	# 47
51) 4-Methyl-2-Pentanone	10.327	43	6447	1.096	ug/l	89
52) Toluene	10.504	92	1513	0.214	ug/l	83
53) t-1,3-Dichloropropene	10.722	75	1006	0.206	ug/l	99
55) 1,1,2-Trichloroethane	10.904	97	793	0.260	ug/l	# 57
58) 2-Chloroethyl Vinyl ether	10.033	63	1384	0.643	ug/l	92
59) 2-Hexanone	11.098	43	10559	2.440	ug/l	# 59
65) Chlorobenzene	11.769	112	1538	0.219	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

67) Ethyl Benzene	11.845	91	2774	0.210	ug/l #	85
68) m/p-Xylenes	11.957	106	1769	0.377	ug/l	85
70) Styrene	12.298	104	1626	0.219	ug/l	93
74) N-amyl acetate	12.392	43	2086	0.393	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.827	83	970	0.245	ug/l #	56
76) 1,2,3-Trichloropropane	12.863	75	1311m	0.382	ug/l	
79) 2-Chlorotoluene	13.004	91	1914m	0.245	ug/l	
80) 1,3,5-Trimethylbenzene	13.063	105	2046	0.226	ug/l	92
82) 4-Chlorotoluene	13.104	91	1748	0.242	ug/l	91
88) 1,4-Dichlorobenzene	13.680	146	878m	0.235	ug/l	
89) n-Butylbenzene	13.945	91	1480	0.208	ug/l #	83
90) Hexachloroethane	14.210	117	552	0.303	ug/l #	9
91) 1,2-Dichlorobenzene	13.986	146	762	0.204	ug/l	92
95) Naphthalene	15.509	128	2704	0.387	ug/l #	81

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

