

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072716.D
 Acq On : 08 Jun 2022 23:33
 Operator : JC\MD
 Sample : N3214-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2022

Quant Time: Jun 09 06:25:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:53:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	153399	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	297255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	302599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	120093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	223664	54.325	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.660%			
35) Dibromofluoromethane	8.016	113	150323	51.108	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.220%			
50) Toluene-d8	10.439	98	595829	50.773	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.540%			
62) 4-Bromofluorobenzene	12.727	95	187200	46.488	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.980%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.063	85	13619	5.473	ug/l	91
3) Chloromethane	2.293	50	18018	6.079	ug/l	98
4) Vinyl Chloride	2.434	62	15115	5.547	ug/l	93
5) Bromomethane	2.828	94	9427	7.050	ug/l	82
6) Chloroethane	3.004	64	12429	6.476	ug/l	# 88
7) Trichlorofluoromethane	3.357	101	24349	5.614	ug/l	98
8) Diethyl Ether	3.822	74	9595	5.441	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.216	101	12767	5.376	ug/l	89
10) Methyl Iodide	4.416	142	10628	4.799	ug/l	# 89
11) Tert butyl alcohol	5.363	59	29868	30.411	ug/l	# 88
12) 1,1-Dichloroethene	4.175	96	12134	5.482	ug/l	83
13) Acrolein	4.040	56	11335	27.944	ug/l	99
14) Allyl chloride	4.828	41	27858	5.451	ug/l	88
15) Acrylonitrile	5.551	53	57626	27.693	ug/l	97
16) Acetone	4.281	43	56015	28.393	ug/l	89
17) Carbon Disulfide	4.528	76	33735	6.036	ug/l	# 95
18) Methyl Acetate	4.857	43	29052	5.660	ug/l	# 89
19) Methyl tert-butyl Ether	5.616	73	55212	5.515	ug/l	100
20) Methylene Chloride	5.093	84	16664	5.351	ug/l	92
21) trans-1,2-Dichloroethene	5.593	96	14091	5.781	ug/l	91
22) Diisopropyl ether	6.492	45	58278	5.627	ug/l	# 94
23) Vinyl Acetate	6.428	43	253260	26.708	ug/l	96
24) 1,1-Dichloroethane	6.381	63	30582	5.686	ug/l	98
25) 2-Butanone	7.339	43	88182	27.787	ug/l	# 87
26) 2,2-Dichloropropane	7.322	77	21204	4.360	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	16837	5.431	ug/l	84
28) Bromochloromethane	7.651	49	14513	5.713	ug/l	# 70
29) Tetrahydrofuran	7.686	42	55654	28.381	ug/l	88
30) Chloroform	7.816	83	30497	5.440	ug/l	95
31) Cyclohexane	8.098	56	31920	6.859	ug/l	85
32) 1,1,1-Trichloroethane	8.010	97	27125	5.475	ug/l	97
36) 1,1-Dichloropropene	8.222	75	21879	5.359	ug/l	95
37) Ethyl Acetate	7.410	43	31861	5.023	ug/l	97
38) Carbon Tetrachloride	8.198	117	22828	5.232	ug/l	96
39) Methylcyclohexane	9.457	83	25359	5.353	ug/l	98
40) Benzene	8.457	78	66362	5.356	ug/l	98

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41) Methacrylonitrile	7.634	41	11860m	5.547	ug/l	
42) 1,2-Dichloroethane	8.522	62	27914	5.434	ug/l	97
43) Isopropyl Acetate	8.557	43	49749	5.036	ug/l	93
44) Trichloroethene	9.216	130	15006	5.202	ug/l	96
45) 1,2-Dichloropropane	9.480	63	17914	5.351	ug/l	95
46) Dibromomethane	9.575	93	12734	5.441	ug/l #	82
47) Bromodichloromethane	9.763	83	24364	5.064	ug/l	92
48) Methyl methacrylate	9.563	41	21547	4.610	ug/l #	82
49) 1,4-Dioxane	9.563	88	9150	107.103	ug/l #	94
51) 4-Methyl-2-Pentanone	10.328	43	167946	26.106	ug/l	90
52) Toluene	10.504	92	42402	5.482	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	25138	4.704	ug/l	92
54) cis-1,3-Dichloropropene	10.186	75	26584	4.814	ug/l #	73
55) 1,1,2-Trichloroethane	10.898	97	16738	5.014	ug/l	94
56) Ethyl methacrylate	10.757	69	29185	4.943	ug/l #	76
57) 1,3-Dichloropropane	11.039	76	30917	5.187	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	55375	23.534	ug/l	93
59) 2-Hexanone	11.080	43	123073	26.017	ug/l	87
60) Dibromochloromethane	11.233	129	16808	4.851	ug/l	100
61) 1,2-Dibromoethane	11.345	107	17820	5.209	ug/l	96
64) Tetrachloroethene	10.975	164	14261	5.598	ug/l	95
65) Chlorobenzene	11.769	112	41448	5.140	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.845	131	15736	4.906	ug/l	98
67) Ethyl Benzene	11.845	91	78982	5.209	ug/l	98
68) m/p-Xylenes	11.951	106	56447	10.476	ug/l	93
69) o-Xylene	12.280	106	27944	5.159	ug/l	91
70) Styrene	12.292	104	42324	4.972	ug/l	95
71) Bromoform	12.451	173	10112	4.482	ug/l #	100
73) Isopropylbenzene	12.574	105	70788	5.495	ug/l	97
74) N-amyl acetate	12.386	43	31784	5.309	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.821	83	26521	5.931	ug/l	96
76) 1,2,3-Trichloropropane	12.880	75	22910m	5.912	ug/l	
77) Bromobenzene	12.863	156	14105	5.554	ug/l	70
78) n-propylbenzene	12.916	91	77292	5.495	ug/l	94
79) 2-Chlorotoluene	13.004	91	50391	5.711	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	58484	5.730	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.621	75	6642	4.482	ug/l	88
82) 4-Chlorotoluene	13.104	91	44609	5.474	ug/l	92
83) tert-Butylbenzene	13.321	119	51091	5.699	ug/l	89
84) 1,2,4-Trimethylbenzene	13.368	105	54129	5.543	ug/l	95
85) sec-Butylbenzene	13.498	105	65098	5.382	ug/l	94
86) p-Isopropyltoluene	13.616	119	48911	5.140	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	23478	5.443	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	22027	5.213	ug/l	89
89) n-Butylbenzene	13.939	91	37595	4.689	ug/l	97
90) Hexachloroethane	14.210	117	11252	5.463	ug/l	68
91) 1,2-Dichlorobenzene	13.986	146	23259	5.502	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.604	75	5513	5.104	ug/l	70
93) 1,2,4-Trichlorobenzene	15.262	180	9674	4.757	ug/l	94
94) Hexachlorobutadiene	15.368	225	5014	5.504	ug/l	97
95) Naphthalene	15.510	128	35233	4.465	ug/l	99
96) 1,2,3-Trichlorobenzene	15.704	180	9707	4.793	ug/l	96

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

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