

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072713.D
 Acq On : 08 Jun 2022 22:20
 Operator : JC\MD
 Sample : N3214-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Quant Time: Jun 09 06:09:29 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	156662	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.969	114	298126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	283058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	110845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	234629	55.802	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.600%			
35) Dibromofluoromethane	8.022	113	156327	52.994	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.980%			
50) Toluene-d8	10.439	98	593457	50.423	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.840%			
62) 4-Bromofluorobenzene	12.727	95	167922	41.578	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 83.160%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.075	85	2101	0.827	ug/l	96
3) Chloromethane	2.299	50	3124	1.032	ug/l	# 86
4) Vinyl Chloride	2.434	62	2638	0.948	ug/l	# 88
5) Bromomethane	2.846	94	2125	1.556	ug/l	# 50
6) Chloroethane	3.010	64	1727	0.881	ug/l	94
7) Trichlorofluoromethane	3.369	101	3667	0.828	ug/l	# 83
8) Diethyl Ether	3.845	74	1422	0.790	ug/l	# 7
9) 1,1,2-Trichlorotrifluo...	4.210	101	1770m	0.730	ug/l	
10) Methyl Iodide	4.422	142	1097	0.485	ug/l	# 88
11) Tert butyl alcohol	5.310	59	8160m	8.135	ug/l	
12) 1,1-Dichloroethene	4.181	96	1693	0.749	ug/l	# 88
13) Acrolein	4.051	56	1832	4.422	ug/l	# 78
14) Allyl chloride	4.834	41	4424	0.848	ug/l	# 81
15) Acrylonitrile	5.569	53	7981	3.755	ug/l	# 35
16) Acetone	4.298	43	9902m	4.915	ug/l	
17) Carbon Disulfide	4.528	76	5483	0.961	ug/l	98
18) Methyl Acetate	4.869	43	5071m	0.967	ug/l	
19) Methyl tert-butyl Ether	5.610	73	7885	0.771	ug/l	92
20) Methylene Chloride	5.110	84	3472	1.092	ug/l	# 74
21) trans-1,2-Dichloroethene	5.592	96	2188	0.879	ug/l	# 69
22) Diisopropyl ether	6.487	45	8237	0.779	ug/l	# 73
23) Vinyl Acetate	6.434	43	36471	3.766	ug/l	98
24) 1,1-Dichloroethane	6.386	63	4737	0.862	ug/l	# 82
25) 2-Butanone	7.339	43	14788m	4.563	ug/l	
26) 2,2-Dichloropropane	7.310	77	4765	0.959	ug/l	79
27) cis-1,2-Dichloroethene	7.328	96	2755m	0.870	ug/l	
28) Bromochloromethane	7.657	49	2125	0.819	ug/l	# 32
29) Tetrahydrofuran	7.692	42	8637	4.313	ug/l	87
30) Chloroform	7.810	83	4593	0.802	ug/l	91
31) Cyclohexane	8.092	56	8769	1.845	ug/l	# 72
32) 1,1,1-Trichloroethane	8.016	97	3993	0.789	ug/l	# 47
36) 1,1-Dichloropropene	8.222	75	3179	0.776	ug/l	# 86
37) Ethyl Acetate	7.410	43	6454m	1.015	ug/l	
38) Carbon Tetrachloride	8.198	117	3272	0.748	ug/l	# 77
39) Methylcyclohexane	9.463	83	3886	0.818	ug/l	# 83
40) Benzene	8.457	78	9909	0.797	ug/l	97

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41) Methacrylonitrile	7.628	41	1333m	0.622	ug/l	
42) 1,2-Dichloroethane	8.533	62	4528	0.879	ug/l	78
43) Isopropyl Acetate	8.563	43	7579	0.765	ug/l #	86
44) Trichloroethene	9.222	130	2127	0.735	ug/l	72
45) 1,2-Dichloropropane	9.498	63	2304	0.686	ug/l #	89
46) Dibromomethane	9.575	93	1902	0.810	ug/l #	72
47) Bromodichloromethane	9.763	83	3695	0.766	ug/l #	96
48) Methyl methacrylate	9.557	41	3314	0.707	ug/l #	78
49) 1,4-Dioxane	9.575	88	1315	15.347	ug/l	95
51) 4-Methyl-2-Pentanone	10.333	43	21995	3.409	ug/l	91
52) Toluene	10.498	92	5763	0.743	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	3595	0.671	ug/l #	86
54) cis-1,3-Dichloropropene	10.186	75	4259	0.769	ug/l #	83
55) 1,1,2-Trichloroethane	10.898	97	2470	0.738	ug/l #	84
56) Ethyl methacrylate	10.763	69	3941	0.666	ug/l #	74
57) 1,3-Dichloropropane	11.045	76	4445	0.744	ug/l	91
58) 2-Chloroethyl Vinyl ether	10.039	63	6932	2.937	ug/l	92
59) 2-Hexanone	11.086	43	16043	3.381	ug/l	89
60) Dibromochloromethane	11.233	129	2270	0.653	ug/l	99
61) 1,2-Dibromoethane	11.339	107	2158	0.629	ug/l	99
64) Tetrachloroethene	10.980	164	1749	0.734	ug/l	86
65) Chlorobenzene	11.774	112	6395	0.848	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.839	131	2124	0.708	ug/l #	62
67) Ethyl Benzene	11.839	91	10202	0.719	ug/l	96
68) m/p-Xylenes	11.951	106	7105	1.410	ug/l	86
69) o-Xylene	12.286	106	3031	0.598	ug/l	63
70) Styrene	12.286	104	5175	0.650	ug/l	89
71) Bromoform	12.457	173	1147	0.543	ug/l #	83
73) Isopropylbenzene	12.574	105	8770	0.738	ug/l	100
74) N-amyl acetate	12.386	43	4085	0.739	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	3258	0.789	ug/l	95
76) 1,2,3-Trichloropropane	12.880	75	2996m	0.838	ug/l	
77) Bromobenzene	12.857	156	1798	0.767	ug/l	63
78) n-propylbenzene	12.915	91	8919	0.687	ug/l	96
79) 2-Chlorotoluene	13.004	91	6294	0.773	ug/l	89
80) 1,3,5-Trimethylbenzene	13.057	105	7008	0.744	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	830m	0.607	ug/l	
82) 4-Chlorotoluene	13.104	91	6349	0.844	ug/l	85
83) tert-Butylbenzene	13.321	119	6842	0.827	ug/l	93
84) 1,2,4-Trimethylbenzene	13.363	105	6784	0.753	ug/l	94
85) sec-Butylbenzene	13.498	105	7657	0.686	ug/l	100
86) p-Isopropyltoluene	13.615	119	5303	0.604	ug/l	93
87) 1,3-Dichlorobenzene	13.615	146	3412	0.857	ug/l	83
88) 1,4-Dichlorobenzene	13.692	146	3403m	0.873	ug/l	
89) n-Butylbenzene	13.945	91	5125	0.693	ug/l	93
90) Hexachloroethane	14.210	117	1411	0.742	ug/l	77
91) 1,2-Dichlorobenzene	13.980	146	3391	0.869	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.598	75	740	0.742	ug/l	74
93) 1,2,4-Trichlorobenzene	15.257	180	1531	0.816	ug/l	97
94) Hexachlorobutadiene	15.368	225	660	0.785	ug/l #	35
95) Naphthalene	15.504	128	5544	0.761	ug/l	98
96) 1,2,3-Trichlorobenzene	15.704	180	1480	0.792	ug/l	83

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

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