

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072736.D
 Acq On : 09 Jun 2022 17:29
 Operator : JC\MD
 Sample : N3214-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jun 10 04:28:11 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	142221	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	271344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	283826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	110766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	208679	54.669	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.340%			
35) Dibromofluoromethane	8.022	113	140012	52.148	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.300%			
50) Toluene-d8	10.439	98	549935	51.337	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.680%			
62) 4-Bromofluorobenzene	12.727	95	169713	46.169	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	6503	2.819	ug/l	86
3) Chloromethane	2.299	50	8523	3.101	ug/l	96
4) Vinyl Chloride	2.428	62	7969	3.154	ug/l	94
5) Bromomethane	2.834	94	4763	3.842	ug/l	# 78
6) Chloroethane	2.999	64	6907	3.882	ug/l	# 78
7) Trichlorofluoromethane	3.363	101	11173	2.779	ug/l	93
8) Diethyl Ether	3.822	74	5208	3.186	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.193	101	6389m	2.902	ug/l	
10) Methyl Iodide	4.410	142	5162	2.514	ug/l	# 85
11) Tert butyl alcohol	5.369	59	16418	18.031	ug/l	# 91
12) 1,1-Dichloroethene	4.169	96	6087	2.966	ug/l	88
13) Acrolein	4.040	56	5581	14.840	ug/l	98
14) Allyl chloride	4.840	41	14012	2.957	ug/l	# 88
15) Acrylonitrile	5.551	53	27703	14.359	ug/l	96
16) Acetone	4.293	43	27618	15.100	ug/l	91
17) Carbon Disulfide	4.522	76	16095	3.106	ug/l	96
18) Methyl Acetate	4.851	43	15081	3.169	ug/l	# 69
19) Methyl tert-butyl Ether	5.610	73	25623	2.760	ug/l	94
20) Methylene Chloride	5.098	84	8870	3.072	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	6752	2.988	ug/l	94
22) Diisopropyl ether	6.492	45	26684	2.779	ug/l	# 86
23) Vinyl Acetate	6.428	43	120457m	13.701	ug/l	
24) 1,1-Dichloroethane	6.381	63	14032	2.814	ug/l	98
25) 2-Butanone	7.339	43	43672	14.843	ug/l	# 86
26) 2,2-Dichloropropane	7.322	77	11775	2.612	ug/l	# 76
27) cis-1,2-Dichloroethene	7.316	96	7741	2.693	ug/l	74
28) Bromochloromethane	7.651	49	6713	2.850	ug/l	# 75
29) Tetrahydrofuran	7.686	42	25976	14.287	ug/l	89
30) Chloroform	7.816	83	14741	2.836	ug/l	96
31) Cyclohexane	8.081	56	17700	4.102	ug/l	# 87
32) 1,1,1-Trichloroethane	8.016	97	12871	2.802	ug/l	96
36) 1,1-Dichloropropene	8.216	75	10360	2.780	ug/l	92
37) Ethyl Acetate	7.410	43	17318	2.991	ug/l	# 91
38) Carbon Tetrachloride	8.204	117	10988	2.759	ug/l	98
39) Methylcyclohexane	9.457	83	11590	2.680	ug/l	92
40) Benzene	8.463	78	31199	2.759	ug/l	97

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41) Methacrylonitrile	7.634	41	5951m	3.049	ug/l	
42) 1,2-Dichloroethane	8.528	62	13797	2.942	ug/l	94
43) Isopropyl Acetate	8.557	43	24502	2.717	ug/l #	93
44) Trichloroethene	9.216	130	7465	2.835	ug/l	94
45) 1,2-Dichloropropane	9.486	63	8174	2.675	ug/l	96
46) Dibromomethane	9.575	93	5961	2.790	ug/l #	81
47) Bromodichloromethane	9.757	83	11868	2.702	ug/l	87
48) Methyl methacrylate	9.557	41	10535	2.469	ug/l #	80
49) 1,4-Dioxane	9.569	88	4646	59.575	ug/l #	85
51) 4-Methyl-2-Pentanone	10.327	43	80267	13.668	ug/l	89
52) Toluene	10.498	92	19583	2.773	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	12316	2.525	ug/l	96
54) cis-1,3-Dichloropropene	10.186	75	12185	2.417	ug/l #	82
55) 1,1,2-Trichloroethane	10.898	97	8184	2.686	ug/l	93
56) Ethyl methacrylate	10.757	69	14113	2.619	ug/l #	79
57) 1,3-Dichloropropane	11.039	76	14129	2.597	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	26237	12.215	ug/l	90
59) 2-Hexanone	11.080	43	61719	14.293	ug/l	85
60) Dibromochloromethane	11.233	129	8036	2.541	ug/l	95
61) 1,2-Dibromoethane	11.345	107	8932	2.860	ug/l	91
64) Tetrachloroethene	10.975	164	6321	2.645	ug/l	92
65) Chlorobenzene	11.769	112	20233	2.675	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.833	131	7622	2.533	ug/l	98
67) Ethyl Benzene	11.839	91	35946	2.528	ug/l	98
68) m/p-Xylenes	11.951	106	25456	5.037	ug/l	88
69) o-Xylene	12.274	106	14318	2.818	ug/l	98
70) Styrene	12.292	104	19411	2.431	ug/l	92
71) Bromoform	12.463	173	4877	2.305	ug/l #	97
73) Isopropylbenzene	12.574	105	33301	2.803	ug/l	98
74) N-amyl acetate	12.386	43	16793	3.041	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.827	83	12738	3.088	ug/l	97
76) 1,2,3-Trichloropropane	12.880	75	8597m	2.405	ug/l	
77) Bromobenzene	12.857	156	6278	2.680	ug/l	57
78) n-propylbenzene	12.916	91	34645	2.671	ug/l	95
79) 2-Chlorotoluene	13.004	91	24295	2.985	ug/l	87
80) 1,3,5-Trimethylbenzene	13.057	105	26868	2.854	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.621	75	3212	2.350	ug/l #	70
82) 4-Chlorotoluene	13.104	91	20374	2.711	ug/l	94
83) tert-Butylbenzene	13.316	119	22659	2.740	ug/l	84
84) 1,2,4-Trimethylbenzene	13.363	105	25047	2.781	ug/l	92
85) sec-Butylbenzene	13.498	105	29231	2.620	ug/l	99
86) p-Isopropyltoluene	13.610	119	22682	2.584	ug/l	93
87) 1,3-Dichlorobenzene	13.610	146	10409	2.617	ug/l	94
88) 1,4-Dichlorobenzene	13.686	146	10470m	2.686	ug/l	
89) n-Butylbenzene	13.939	91	17210	2.327	ug/l	94
90) Hexachloroethane	14.204	117	4655	2.451	ug/l	81
91) 1,2-Dichlorobenzene	13.986	146	10402	2.668	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.604	75	2458	2.467	ug/l	78
93) 1,2,4-Trichlorobenzene	15.268	180	4113	2.193	ug/l	93
94) Hexachlorobutadiene	15.368	225	2343	2.788	ug/l	98
95) Naphthalene	15.504	128	16583	2.279	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.704	180	4599	2.462	ug/l	91

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

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