

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072735.D
 Acq On : 09 Jun 2022 17:05
 Operator : JC\MD
 Sample : N3214-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jun 10 04:22:59 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	145085	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	275420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	266891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	102724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	209943	53.915	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.820%			
35) Dibromofluoromethane	8.022	113	136135	49.953	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.900%			
50) Toluene-d8	10.439	98	525579	48.337	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.680%			
62) 4-Bromofluorobenzene	12.733	95	155141	41.581	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 83.160%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.063	85	1963	0.834	ug/l	92
3) Chloromethane	2.293	50	3153	1.125	ug/l	# 81
4) Vinyl Chloride	2.434	62	2279	0.884	ug/l	97
5) Bromomethane	2.834	94	1881	1.487	ug/l	92
6) Chloroethane	3.016	64	1891	1.042	ug/l	# 42
7) Trichlorofluoromethane	3.357	101	3523	0.859	ug/l	96
8) Diethyl Ether	3.822	74	1326	0.795	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.204	101	1886m	0.840	ug/l	
10) Methyl Iodide	4.416	142	1530m	0.731	ug/l	
11) Tert butyl alcohol	5.328	59	8829m	9.505	ug/l	
12) 1,1-Dichloroethene	4.163	96	2052m	0.980	ug/l	
13) Acrolein	4.040	56	1843	4.804	ug/l	# 78
14) Allyl chloride	4.828	41	4567m	0.945	ug/l	
15) Acrylonitrile	5.557	53	8300	4.217	ug/l	95
16) Acetone	4.293	43	11094	5.946	ug/l	91
17) Carbon Disulfide	4.540	76	5127	0.970	ug/l	98
18) Methyl Acetate	4.845	43	5799m	1.194	ug/l	
19) Methyl tert-butyl Ether	5.616	73	7930	0.837	ug/l	# 85
20) Methylene Chloride	5.092	84	3034	1.030	ug/l	# 70
21) trans-1,2-Dichloroethene	5.598	96	2326	1.009	ug/l	# 85
22) Diisopropyl ether	6.492	45	8205	0.838	ug/l	# 89
23) Vinyl Acetate	6.428	43	35365	3.943	ug/l	97
24) 1,1-Dichloroethane	6.386	63	4813	0.946	ug/l	# 82
25) 2-Butanone	7.333	43	14797	4.930	ug/l	# 83
26) 2,2-Dichloropropane	7.322	77	5291	1.150	ug/l	# 74
27) cis-1,2-Dichloroethene	7.328	96	2465m	0.841	ug/l	
28) Bromochloromethane	7.651	49	1625	0.676	ug/l	# 75
29) Tetrahydrofuran	7.686	42	8225	4.435	ug/l	88
30) Chloroform	7.816	83	4411	0.832	ug/l	85
31) Cyclohexane	8.086	56	8328	1.892	ug/l	# 66
32) 1,1,1-Trichloroethane	8.010	97	3898	0.832	ug/l	# 48
36) 1,1-Dichloropropene	8.216	75	3352	0.886	ug/l	# 89
37) Ethyl Acetate	7.422	43	4533	0.771	ug/l	# 86
38) Carbon Tetrachloride	8.204	117	3200	0.792	ug/l	# 89
39) Methylcyclohexane	9.457	83	3476	0.792	ug/l	# 86
40) Benzene	8.451	78	9550	0.832	ug/l	92

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41) Methacrylonitrile	7.645	41	2167	1.094	ug/l #	79
42) 1,2-Dichloroethane	8.522	62	4489	0.943	ug/l	77
43) Isopropyl Acetate	8.557	43	7654	0.836	ug/l #	96
44) Trichloroethene	9.210	130	2201	0.824	ug/l	90
45) 1,2-Dichloropropane	9.486	63	2596	0.837	ug/l #	80
46) Dibromomethane	9.575	93	1707	0.787	ug/l #	78
47) Bromodichloromethane	9.763	83	3004	0.674	ug/l #	96
48) Methyl methacrylate	9.557	41	3682	0.850	ug/l #	78
49) 1,4-Dioxane	9.580	88	1404	17.737	ug/l #	83
51) 4-Methyl-2-Pentanone	10.327	43	23120	3.879	ug/l	95
52) Toluene	10.498	92	5870	0.819	ug/l	96
53) t-1,3-Dichloropropene	10.722	75	3439	0.694	ug/l #	80
54) cis-1,3-Dichloropropene	10.180	75	3641	0.712	ug/l #	86
55) 1,1,2-Trichloroethane	10.904	97	2430	0.786	ug/l #	80
56) Ethyl methacrylate	10.763	69	3710	0.678	ug/l #	68
57) 1,3-Dichloropropane	11.045	76	4311	0.781	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.039	63	6968	3.196	ug/l	96
59) 2-Hexanone	11.080	43	17975	4.101	ug/l	85
60) Dibromochloromethane	11.233	129	2265	0.706	ug/l	95
61) 1,2-Dibromoethane	11.345	107	2530	0.798	ug/l	99
64) Tetrachloroethene	10.980	164	1875	0.834	ug/l #	89
65) Chlorobenzene	11.769	112	5765	0.811	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	11.845	131	2100	0.742	ug/l #	65
67) Ethyl Benzene	11.845	91	10210	0.764	ug/l #	78
68) m/p-Xylenes	11.945	106	7028	1.479	ug/l	93
69) o-Xylene	12.274	106	3826	0.801	ug/l	100
70) Styrene	12.292	104	5056	0.673	ug/l	93
71) Bromoform	12.457	173	1194	0.600	ug/l #	85
73) Isopropylbenzene	12.574	105	8549	0.776	ug/l	98
74) N-amyl acetate	12.392	43	4581	0.895	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.827	83	3188	0.833	ug/l	91
76) 1,2,3-Trichloropropane	12.880	75	3206m	0.967	ug/l	
77) Bromobenzene	12.857	156	2023	0.931	ug/l	75
78) n-propylbenzene	12.915	91	8962	0.745	ug/l	96
79) 2-Chlorotoluene	13.010	91	6797	0.901	ug/l	85
80) 1,3,5-Trimethylbenzene	13.057	105	6851	0.785	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	845m	0.667	ug/l	
82) 4-Chlorotoluene	13.098	91	5394	0.774	ug/l	91
83) tert-Butylbenzene	13.315	119	6304	0.822	ug/l	87
84) 1,2,4-Trimethylbenzene	13.363	105	6713	0.804	ug/l	85
85) sec-Butylbenzene	13.498	105	7717	0.746	ug/l	99
86) p-Isopropyltoluene	13.615	119	5361	0.659	ug/l	88
87) 1,3-Dichlorobenzene	13.615	146	2854	0.774	ug/l	93
88) 1,4-Dichlorobenzene	13.692	146	2707m	0.749	ug/l	
89) n-Butylbenzene	13.939	91	4481	0.653	ug/l	97
90) Hexachloroethane	14.198	117	1436	0.815	ug/l #	47
91) 1,2-Dichlorobenzene	13.980	146	2968	0.821	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.604	75	842	0.911	ug/l #	50
93) 1,2,4-Trichlorobenzene	15.257	180	1252	0.720	ug/l	92
94) Hexachlorobutadiene	15.362	225	472	0.606	ug/l #	58
95) Naphthalene	15.509	128	5223	0.774	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.704	180	1112	0.642	ug/l	81

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

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