

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072715.D
 Acq On : 08 Jun 2022 23:09
 Operator : JC\MD
 Sample : N3214-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Jun 09 06:19:13 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	151833	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	287357	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	270041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	106564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	225945	55.445	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.900%			
35) Dibromofluoromethane	8.022	113	149367	52.532	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.060%			
50) Toluene-d8	10.439	98	579623	51.093	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.180%			
62) 4-Bromofluorobenzene	12.727	95	165181	42.432	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 84.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	2893	1.175	ug/l	81
3) Chloromethane	2.299	50	3952	1.347	ug/l	97
4) Vinyl Chloride	2.434	62	3568	1.323	ug/l	# 89
5) Bromomethane	2.857	94	2773	2.095	ug/l	# 50
6) Chloroethane	3.016	64	2764m	1.455	ug/l	
7) Trichlorofluoromethane	3.363	101	4874	1.135	ug/l	# 74
8) Diethyl Ether	3.822	74	1934	1.108	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.210	101	2635	1.121	ug/l	# 78
10) Methyl Iodide	4.422	142	1719	0.784	ug/l	# 87
11) Tert butyl alcohol	5.363	59	9687m	9.965	ug/l	
12) 1,1-Dichloroethene	4.175	96	2486	1.135	ug/l	# 77
13) Acrolein	4.046	56	2515	6.264	ug/l	94
14) Allyl chloride	4.840	41	5859	1.158	ug/l	# 79
15) Acrylonitrile	5.557	53	11525	5.596	ug/l	92
16) Acetone	4.293	43	12200	6.248	ug/l	95
17) Carbon Disulfide	4.522	76	7406	1.339	ug/l	# 88
18) Methyl Acetate	4.863	43	6453	1.270	ug/l	# 63
19) Methyl tert-butyl Ether	5.610	73	10919	1.102	ug/l	93
20) Methylene Chloride	5.093	84	4043	1.312	ug/l	# 88
21) trans-1,2-Dichloroethene	5.598	96	2790m	1.157	ug/l	
22) Diisopropyl ether	6.498	45	10923	1.065	ug/l	# 87
23) Vinyl Acetate	6.440	43	45864	4.887	ug/l	98
24) 1,1-Dichloroethane	6.381	63	6470	1.215	ug/l	# 82
25) 2-Butanone	7.340	43	18447	5.873	ug/l	# 86
26) 2,2-Dichloropropane	7.316	77	5865	1.218	ug/l	83
27) cis-1,2-Dichloroethene	7.328	96	3786	1.234	ug/l	75
28) Bromochloromethane	7.651	49	2628	1.045	ug/l	# 75
29) Tetrahydrofuran	7.692	42	11005	5.670	ug/l	87
30) Chloroform	7.816	83	5730	1.033	ug/l	87
31) Cyclohexane	8.087	56	10033	2.178	ug/l	# 76
32) 1,1,1-Trichloroethane	8.016	97	5365	1.094	ug/l	# 49
36) 1,1-Dichloropropene	8.216	75	4060	1.029	ug/l	# 67
37) Ethyl Acetate	7.410	43	7382m	1.204	ug/l	
38) Carbon Tetrachloride	8.210	117	4925	1.168	ug/l	# 68
39) Methylcyclohexane	9.457	83	4645	1.014	ug/l	# 84
40) Benzene	8.457	78	11915	0.995	ug/l	94

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41) Methacrylonitrile	7.634	41	2234m	1.081	ug/l	
42) 1,2-Dichloroethane	8.534	62	5444	1.096	ug/l	84
43) Isopropyl Acetate	8.563	43	10044	1.052	ug/l	93
44) Trichloroethene	9.210	130	3178	1.140	ug/l	76
45) 1,2-Dichloropropane	9.486	63	3357	1.037	ug/l #	88
46) Dibromomethane	9.575	93	2249	0.994	ug/l #	77
47) Bromodichloromethane	9.763	83	4391	0.944	ug/l #	97
48) Methyl methacrylate	9.557	41	4693	1.039	ug/l #	79
49) 1,4-Dioxane	9.569	88	1591	19.264	ug/l #	85
51) 4-Methyl-2-Pentanone	10.328	43	30641	4.927	ug/l #	85
52) Toluene	10.504	92	8566	1.146	ug/l	87
53) t-1,3-Dichloropropene	10.716	75	4689	0.908	ug/l	92
54) cis-1,3-Dichloropropene	10.192	75	4784	0.896	ug/l #	68
55) 1,1,2-Trichloroethane	10.892	97	3005	0.931	ug/l	95
56) Ethyl methacrylate	10.757	69	4783	0.838	ug/l #	73
57) 1,3-Dichloropropane	11.045	76	6094	1.058	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.039	63	8618	3.789	ug/l	95
59) 2-Hexanone	11.086	43	20271	4.433	ug/l	86
60) Dibromochloromethane	11.239	129	3049	0.910	ug/l	90
61) 1,2-Dibromoethane	11.339	107	3413	1.032	ug/l	86
64) Tetrachloroethene	10.975	164	2501	1.100	ug/l #	83
65) Chlorobenzene	11.775	112	7402	1.029	ug/l #	83
66) 1,1,1,2-Tetrachloroethane	11.839	131	2789	0.974	ug/l #	64
67) Ethyl Benzene	11.845	91	13465	0.995	ug/l	98
68) m/p-Xylenes	11.951	106	9813	2.041	ug/l	100
69) o-Xylene	12.280	106	5084	1.052	ug/l	99
70) Styrene	12.292	104	7108	0.936	ug/l	94
71) Bromoform	12.457	173	1650	0.820	ug/l #	97
73) Isopropylbenzene	12.574	105	11418	0.999	ug/l	100
74) N-amyl acetate	12.392	43	5402	1.017	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.827	83	4497	1.133	ug/l	97
76) 1,2,3-Trichloropropane	12.880	75	3014m	0.876	ug/l	
77) Bromobenzene	12.857	156	2749	1.220	ug/l	65
78) n-propylbenzene	12.916	91	12400	0.994	ug/l	97
79) 2-Chlorotoluene	13.004	91	8688	1.110	ug/l	88
80) 1,3,5-Trimethylbenzene	13.057	105	9338	1.031	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.622	75	1219m	0.927	ug/l	
82) 4-Chlorotoluene	13.104	91	7328	1.013	ug/l	95
83) tert-Butylbenzene	13.321	119	7967	1.002	ug/l	82
84) 1,2,4-Trimethylbenzene	13.369	105	8287	0.956	ug/l	98
85) sec-Butylbenzene	13.498	105	10310	0.961	ug/l	99
86) p-Isopropyltoluene	13.616	119	7744	0.917	ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	4195	1.096	ug/l	91
88) 1,4-Dichlorobenzene	13.698	146	4258m	1.136	ug/l	
89) n-Butylbenzene	13.939	91	6913	0.972	ug/l	89
90) Hexachloroethane	14.204	117	1835	1.004	ug/l	55
91) 1,2-Dichlorobenzene	13.980	146	3943	1.051	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.604	75	694	0.724	ug/l	86
93) 1,2,4-Trichlorobenzene	15.263	180	1715	0.950	ug/l	98
94) Hexachlorobutadiene	15.368	225	730	0.903	ug/l	82
95) Naphthalene	15.510	128	7026	1.003	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.704	180	1672	0.930	ug/l	76

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

