

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032922\
 Data File : VN071639.D
 Acq On : 29 Mar 2022 18:06
 Operator : JC\MD
 Sample : N1645-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2022

Quant Time: Mar 30 09:23:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 09:02:25 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

03/30/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	616932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1000882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	855564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	283864	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	376953	50.959	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.920%	
35) Dibromofluoromethane	8.022	113	298073	48.491	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.980%	
50) Toluene-d8	10.439	98	1181547	46.600	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 93.200%	
62) 4-Bromofluorobenzene	12.727	95	324598	39.243	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 78.480%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.069	85	5799	0.960	ug/l	95
3) Chloromethane	2.304	50	8234	1.158	ug/l	90
4) Vinyl Chloride	2.440	62	7936	1.004	ug/l #	72
5) Bromomethane	2.857	94	6670	1.437	ug/l	89
6) Chloroethane	3.028	64	7498	1.313	ug/l #	82
7) Trichlorofluoromethane	3.369	101	9756	1.036	ug/l	89
8) Diethyl Ether	3.834	74	4300	1.097	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.204	101	5424	0.948	ug/l	92
10) Methyl Iodide	4.416	142	7534	0.893	ug/l	100
11) Tert butyl alcohol	5.357	59	5557	4.255	ug/l #	81
12) 1,1-Dichloroethene	4.181	96	5388	0.973	ug/l	92
13) Acrolein	4.045	56	5745	5.271	ug/l	95
14) Allyl chloride	4.840	41	8912	1.008	ug/l #	68
15) Acrylonitrile	5.551	53	16872	4.625	ug/l	96
16) Acetone	4.293	43	16100	5.280	ug/l #	87
17) Carbon Disulfide	4.540	76	13376	0.970	ug/l #	89
18) Methyl Acetate	4.863	43	17005	1.805	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	18179	0.899	ug/l	96
20) Methylene Chloride	5.104	84	8099	1.202	ug/l	89
21) trans-1,2-Dichloroethene	5.598	96	5860	0.989	ug/l	89
22) Diisopropyl ether	6.487	45	17265	0.914	ug/l	94
23) Vinyl Acetate	6.439	43	67288	4.221	ug/l	100
24) 1,1-Dichloroethane	6.386	63	10794	0.959	ug/l	96
25) 2-Butanone	7.339	43	22110	4.658	ug/l	97
26) 2,2-Dichloropropane	7.322	77	9347	0.967	ug/l	99
27) cis-1,2-Dichloroethene	7.328	96	6799	0.934	ug/l	99
28) Bromochloromethane	7.657	49	5051	1.111	ug/l #	92
29) Tetrahydrofuran	7.686	42	15201	4.933	ug/l	98
30) Chloroform	7.816	83	10645	0.923	ug/l	92
31) Cyclohexane	8.086	56	19666	1.904	ug/l #	36
32) 1,1,1-Trichloroethane	8.010	97	8990	0.899	ug/l #	50
36) 1,1-Dichloropropene	8.216	75	7808	0.884	ug/l	99
37) Ethyl Acetate	7.410	43	10193	1.055	ug/l	96
38) Carbon Tetrachloride	8.210	117	8208	0.937	ug/l #	81
39) Methylcyclohexane	9.451	83	8855	0.810	ug/l	93
40) Benzene	8.457	78	27032	0.996	ug/l	95

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41) Methacrylonitrile	7.622	41	3737	0.795	ug/l #	91
42) 1,2-Dichloroethane	8.528	62	10102	1.077	ug/l	95
43) Isopropyl Acetate	8.557	43	31268	1.823	ug/l #	78
44) Trichloroethene	9.216	130	6870	0.963	ug/l	80
45) 1,2-Dichloropropane	9.486	63	6281	0.940	ug/l #	88
46) Dibromomethane	9.575	93	4361	0.953	ug/l	94
47) Bromodichloromethane	9.757	83	8396	0.932	ug/l	98
48) Methyl methacrylate	9.557	41	5113	0.735	ug/l #	88
49) 1,4-Dioxane	9.569	88	2570	16.773	ug/l #	89
51) 4-Methyl-2-Pentanone	10.322	43	38598	4.074	ug/l	99
52) Toluene	10.504	92	16155	0.926	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	7653	0.781	ug/l	93
54) cis-1,3-Dichloropropene	10.186	75	9178	0.861	ug/l	91
55) 1,1,2-Trichloroethane	10.892	97	6517	0.928	ug/l	92
56) Ethyl methacrylate	10.757	69	8219	0.783	ug/l	95
57) 1,3-Dichloropropane	11.045	76	10918	0.931	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.033	63	7020	2.602	ug/l	98
59) 2-Hexanone	11.086	43	27007	3.985	ug/l	97
60) Dibromochloromethane	11.233	129	5930	0.842	ug/l	100
61) 1,2-Dibromoethane	11.345	107	6296	0.885	ug/l	97
64) Tetrachloroethene	10.974	164	5800	0.980	ug/l	90
65) Chlorobenzene	11.769	112	17339	0.971	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	11.839	131	6243	0.974	ug/l #	65
67) Ethyl Benzene	11.839	91	26233	0.851	ug/l	98
68) m/p-Xylenes	11.951	106	18778	1.604	ug/l	97
69) o-Xylene	12.274	106	9442	0.803	ug/l	98
70) Styrene	12.292	104	12526	0.697	ug/l	97
71) Bromoform	12.451	173	4295	0.852	ug/l #	92
73) Isopropylbenzene	12.574	105	21726	0.875	ug/l	97
74) N-amyl acetate	12.386	43	6401	0.849	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	9613	1.157	ug/l	97
76) 1,2,3-Trichloropropane	12.874	75	7413m	1.088	ug/l	
77) Bromobenzene	12.857	156	6433	1.030	ug/l	98
78) n-propylbenzene	12.916	91	23720	0.886	ug/l	98
79) 2-Chlorotoluene	12.998	91	16456	0.982	ug/l	97
80) 1,3,5-Trimethylbenzene	13.051	105	17064	0.871	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.621	75	2132m	0.903	ug/l	
82) 4-Chlorotoluene	13.104	91	13625	0.871	ug/l	98
83) tert-Butylbenzene	13.321	119	16090	0.894	ug/l	97
84) 1,2,4-Trimethylbenzene	13.368	105	15295	0.797	ug/l	96
85) sec-Butylbenzene	13.498	105	19106	0.804	ug/l	98
86) p-Isopropyltoluene	13.610	119	13743	0.728	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	9592	0.952	ug/l	94
88) 1,4-Dichlorobenzene	13.686	146	9422m	0.942	ug/l	
89) n-Butylbenzene	13.939	91	10448	0.732	ug/l	98
90) Hexachloroethane	14.210	117	3379	0.953	ug/l	93
91) 1,2-Dichlorobenzene	13.980	146	9770	0.989	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	1404	0.977	ug/l	92
93) 1,2,4-Trichlorobenzene	15.257	180	2571	0.589	ug/l	99
94) Hexachlorobutadiene	15.362	225	2902	1.056	ug/l	96
95) Naphthalene	15.504	128	5317	0.447	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.698	180	2587	0.592	ug/l	98

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

