

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062222\
 Data File : VN073025.D
 Acq On : 22 Jun 2022 15:16
 Operator : JC\MD
 Sample : VN0622WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/23/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 23 07:31:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	231061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	421805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	374951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	165967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	176568	56.522	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.040%			
35) Dibromofluoromethane	7.945	113	135655	52.032	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.060%			
50) Toluene-d8	10.374	98	500312	51.572	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.140%			
62) 4-Bromofluorobenzene	12.668	95	176905	50.712	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	50509	22.959	ug/l	98
3) Chloromethane	2.269	50	48175	20.709	ug/l	94
4) Vinyl Chloride	2.410	62	44352	22.480	ug/l	95
5) Bromomethane	2.804	94	18658	24.023	ug/l	92
6) Chloroethane	2.975	64	29139	23.607	ug/l	100
7) Trichlorofluoromethane	3.322	101	78505	24.434	ug/l	98
8) Diethyl Ether	3.769	74	36973	22.298	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.145	101	46466	20.922	ug/l	96
10) Methyl Iodide	4.351	142	36745	14.435	ug/l	96
11) Tert butyl alcohol	5.287	59	85290	105.696	ug/l #	85
12) 1,1-Dichloroethene	4.116	96	43561	19.691	ug/l	92
13) Acrolein	3.987	56	21033	66.182	ug/l	98
14) Allyl chloride	4.757	41	84437	17.865	ug/l #	93
15) Acrylonitrile	5.469	53	214800	115.473	ug/l	99
16) Acetone	4.222	43	201349	117.256	ug/l	95
17) Carbon Disulfide	4.463	76	97675	17.233	ug/l	99
18) Methyl Acetate	4.775	43	107258	23.456	ug/l	90
19) Methyl tert-butyl Ether	5.528	73	195168	23.491	ug/l	97
20) Methylene Chloride	5.022	84	58810	21.944	ug/l	94
21) trans-1,2-Dichloroethene	5.516	96	48448	20.133	ug/l	96
22) Diisopropyl ether	6.410	45	212138	24.076	ug/l	95
23) Vinyl Acetate	6.351	43	915630	112.573	ug/l	94
24) 1,1-Dichloroethane	6.304	63	104542	22.631	ug/l	100
25) 2-Butanone	7.257	43	307067	112.689	ug/l #	89
26) 2,2-Dichloropropane	7.239	77	20666	4.867	ug/l	91
27) cis-1,2-Dichloroethene	7.251	96	63725	22.165	ug/l	95
28) Bromochloromethane	7.580	49	44429	23.256	ug/l	86
29) Tetrahydrofuran	7.610	42	203165	112.906	ug/l	87
30) Chloroform	7.739	83	105838	22.632	ug/l	97
31) Cyclohexane	8.016	56	87157	20.626	ug/l	89
32) 1,1,1-Trichloroethane	7.939	97	88844	21.649	ug/l	99
36) 1,1-Dichloropropene	8.151	75	68951	19.545	ug/l	99
37) Ethyl Acetate	7.339	43	122785	21.760	ug/l #	96
38) Carbon Tetrachloride	8.133	117	75588	20.370	ug/l	95
39) Methylcyclohexane	9.392	83	78323	18.420	ug/l	97
40) Benzene	8.386	78	230393	20.781	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	62299	23.282	ug/l #	83
42) 1,2-Dichloroethane	8.463	62	87518	22.225	ug/l	98
43) Isopropyl Acetate	8.492	43	178358	22.112	ug/l	95
44) Trichloroethene	9.151	130	55426	19.727	ug/l	99
45) 1,2-Dichloropropane	9.422	63	60848	21.471	ug/l	100
46) Dibromomethane	9.510	93	42835	22.354	ug/l	92
47) Bromodichloromethane	9.692	83	82700	21.716	ug/l	99
48) Methyl methacrylate	9.492	41	78998	21.451	ug/l	90
49) 1,4-Dioxane	9.498	88	31600	381.361	ug/l #	90
51) 4-Methyl-2-Pentanone	10.269	43	587053	111.610	ug/l	91
52) Toluene	10.439	92	142978	21.005	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	68691	16.772	ug/l	95
54) cis-1,3-Dichloropropene	10.122	75	75560	16.890	ug/l #	89
55) 1,1,2-Trichloroethane	10.833	97	62871	21.036	ug/l	95
56) Ethyl methacrylate	10.698	69	103375	21.580	ug/l #	87
57) 1,3-Dichloropropane	10.980	76	107202	21.620	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.974	63	224917	106.347	ug/l	96
59) 2-Hexanone	11.021	43	440974	108.395	ug/l	89
60) Dibromochloromethane	11.174	129	63504	22.483	ug/l	99
61) 1,2-Dibromoethane	11.280	107	63528	21.561	ug/l	99
64) Tetrachloroethene	10.910	164	46795	20.515	ug/l	97
65) Chlorobenzene	11.704	112	152191	20.784	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.774	131	58173	20.873	ug/l	99
67) Ethyl Benzene	11.780	91	269292	20.891	ug/l	99
68) m/p-Xylenes	11.886	106	205350	40.617	ug/l	96
69) o-Xylene	12.216	106	103528	20.493	ug/l	96
70) Styrene	12.227	104	168079	20.717	ug/l	98
71) Bromoform	12.392	173	42863	20.397	ug/l #	100
73) Isopropylbenzene	12.515	105	263667	20.535	ug/l	99
74) N-amyl acetate	12.327	43	135662	20.361	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.763	83	99982	21.622	ug/l	100
76) 1,2,3-Trichloropropane	12.815	75	76017m	18.892	ug/l	
77) Bromobenzene	12.792	156	63799	20.741	ug/l	89
78) n-propylbenzene	12.857	91	291244	20.622	ug/l	98
79) 2-Chlorotoluene	12.945	91	187729	20.527	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	218069	20.677	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.563	75	17609	11.818	ug/l	91
82) 4-Chlorotoluene	13.039	91	178821	20.666	ug/l	100
83) tert-Butylbenzene	13.257	119	191619	19.838	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	217898	20.743	ug/l	98
85) sec-Butylbenzene	13.439	105	257949	20.019	ug/l	100
86) p-Isopropyltoluene	13.551	119	208440	19.981	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	111253	20.259	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	114457	20.593	ug/l	99
89) n-Butylbenzene	13.880	91	157276	18.463	ug/l	98
90) Hexachloroethane	14.145	117	41415	21.058	ug/l	88
91) 1,2-Dichlorobenzene	13.921	146	115804	20.221	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	23629	20.214	ug/l	87
93) 1,2,4-Trichlorobenzene	15.192	180	58658	18.507	ug/l	99
94) Hexachlorobutadiene	15.298	225	23127	16.768	ug/l	99
95) Naphthalene	15.427	128	234770	18.311	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	62484	18.462	ug/l	97

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

