

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062222\
 Data File : VN073021.D
 Acq On : 22 Jun 2022 13:05
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 07:30:44 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	8.010	168	268183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	453335	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	408462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	193728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	190890	52.648	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.300%			
35) Dibromofluoromethane	7.945	113	149293	53.280	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.560%			
50) Toluene-d8	10.375	98	562995	53.997	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.000%			
62) 4-Bromofluorobenzene	12.669	95	212264	56.616	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	145720	57.068	ug/l	98
3) Chloromethane	2.269	50	135338	49.315	ug/l	100
4) Vinyl Chloride	2.410	62	124839	54.517	ug/l	100
5) Bromomethane	2.787	94	53574	59.432	ug/l	97
6) Chloroethane	2.957	64	81380	56.805	ug/l	94
7) Trichlorofluoromethane	3.316	101	235007	63.021	ug/l	100
8) Diethyl Ether	3.763	74	101568	52.775	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.140	101	144255	55.963	ug/l	98
10) Methyl Iodide	4.351	142	120602	40.819	ug/l	97
11) Tert butyl alcohol	5.281	59	208415	222.527	ug/l	100
12) 1,1-Dichloroethene	4.116	96	132044	51.426	ug/l	96
13) Acrolein	3.987	56	81464	220.850	ug/l	97
14) Allyl chloride	4.763	41	283817	51.737	ug/l #	94
15) Acrylonitrile	5.469	53	556963	257.970	ug/l	99
16) Acetone	4.216	43	511255	256.518	ug/l	95
17) Carbon Disulfide	4.457	76	287868	43.758	ug/l	100
18) Methyl Acetate	4.775	43	263413	49.631	ug/l	91
19) Methyl tert-butyl Ether	5.528	73	531486	55.116	ug/l	98
20) Methylene Chloride	5.016	84	160777	52.017	ug/l	88
21) trans-1,2-Dichloroethene	5.510	96	138462	49.575	ug/l	97
22) Diisopropyl ether	6.410	45	585765	57.278	ug/l	96
23) Vinyl Acetate	6.345	43	2638454	279.484	ug/l #	94
24) 1,1-Dichloroethane	6.304	63	291074	54.289	ug/l	99
25) 2-Butanone	7.257	43	797918	252.292	ug/l	91
26) 2,2-Dichloropropane	7.245	77	264012	59.429	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	175255	52.521	ug/l	95
28) Bromochloromethane	7.581	49	122240	55.128	ug/l	86
29) Tetrahydrofuran	7.604	42	529757	253.654	ug/l	87
30) Chloroform	7.745	83	299455	55.171	ug/l	98
31) Cyclohexane	8.022	56	244943	49.942	ug/l	93
32) 1,1,1-Trichloroethane	7.939	97	259179	54.414	ug/l	99
36) 1,1-Dichloropropene	8.145	75	207775	54.801	ug/l	98
37) Ethyl Acetate	7.334	43	314801	51.909	ug/l	96
38) Carbon Tetrachloride	8.134	117	215959	54.151	ug/l	98
39) Methylcyclohexane	9.386	83	256804	56.193	ug/l	96
40) Benzene	8.387	78	648290	54.407	ug/l	99

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41) Methacrylonitrile	7.563	41	153115	53.242	ug/l	91
42) 1,2-Dichloroethane	8.457	62	236529	55.888	ug/l	99
43) Isopropyl Acetate	8.492	43	489375	56.452	ug/l	94
44) Trichloroethene	9.145	130	160891	53.282	ug/l	91
45) 1,2-Dichloropropane	9.422	63	173118	56.839	ug/l	99
46) Dibromomethane	9.510	93	114091	55.399	ug/l	95
47) Bromodichloromethane	9.692	83	239238	58.452	ug/l	98
48) Methyl methacrylate	9.492	41	215871	54.541	ug/l	89
49) 1,4-Dioxane	9.498	88	82177	922.767	ug/l #	91
51) 4-Methyl-2-Pentanone	10.263	43	1570458	277.808	ug/l	91
52) Toluene	10.439	92	411926	56.308	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	265660	60.354	ug/l	96
54) cis-1,3-Dichloropropene	10.122	75	281962	58.645	ug/l #	90
55) 1,1,2-Trichloroethane	10.833	97	173846	54.122	ug/l	98
56) Ethyl methacrylate	10.698	69	296175	57.527	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	295656	55.480	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.975	63	581491	255.823	ug/l	95
59) 2-Hexanone	11.022	43	1206506	275.943	ug/l	89
60) Dibromochloromethane	11.175	129	182632	60.161	ug/l	99
61) 1,2-Dibromoethane	11.280	107	178591	56.398	ug/l	100
64) Tetrachloroethene	10.910	164	136516	54.939	ug/l	95
65) Chlorobenzene	11.704	112	441179	55.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.775	131	167874	55.292	ug/l	99
67) Ethyl Benzene	11.780	91	810806	57.739	ug/l	99
68) m/p-Xylenes	11.886	106	612044	111.125	ug/l	95
69) o-Xylene	12.216	106	309856	56.302	ug/l	99
70) Styrene	12.227	104	510173	57.724	ug/l	99
71) Bromoform	12.392	173	132827	58.022	ug/l #	100
73) Isopropylbenzene	12.516	105	817343	54.536	ug/l	99
74) N-amyl acetate	12.322	43	411962	52.969	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	276990	51.318	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	242942m	51.724	ug/l	
77) Bromobenzene	12.792	156	190117	52.951	ug/l	90
78) n-propylbenzene	12.857	91	952796	57.797	ug/l	98
79) 2-Chlorotoluene	12.939	91	577658	54.113	ug/l	97
80) 1,3,5-Trimethylbenzene	12.992	105	681050	55.321	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	95005	54.626	ug/l	95
82) 4-Chlorotoluene	13.039	91	560107	55.456	ug/l	98
83) tert-Butylbenzene	13.257	119	590465	52.370	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	676191	55.146	ug/l	98
85) sec-Butylbenzene	13.433	105	852735	56.696	ug/l	99
86) p-Isopropyltoluene	13.551	119	701136	57.579	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	342575	53.443	ug/l	100
88) 1,4-Dichlorobenzene	13.627	146	350954	54.094	ug/l	100
89) n-Butylbenzene	13.874	91	605371	60.883	ug/l	99
90) Hexachloroethane	14.145	117	129237	56.297	ug/l	87
91) 1,2-Dichlorobenzene	13.921	146	354431	53.019	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.533	75	66466	48.830	ug/l	90
93) 1,2,4-Trichlorobenzene	15.192	180	199797	54.005	ug/l	98
94) Hexachlorobutadiene	15.292	225	86008	53.424	ug/l	97
95) Naphthalene	15.427	128	733693	49.024	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	197730	50.051	ug/l	98

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

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