

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050622\
 Data File : VN072347.D
 Acq On : 06 May 2022 11:37
 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 05/09/2022
 Supervised By : Mahesh Dadoda 05/09/2022

Quant Time: May 09 03:10:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	193001	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	329064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	311036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	140536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	157981	53.318	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.640%			
35) Dibromofluoromethane	8.016	113	117026	55.563	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.120%			
50) Toluene-d8	10.439	98	430685	52.040	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.080%			
62) 4-Bromofluorobenzene	12.727	95	155820	56.724	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 113.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	102265	47.265	ug/l	96
3) Chloromethane	2.299	50	107319	44.116	ug/l	97
4) Vinyl Chloride	2.446	62	92423	42.539	ug/l	98
5) Bromomethane	2.828	94	53204	51.211	ug/l	94
6) Chloroethane	2.999	64	51171	41.382	ug/l	98
7) Trichlorofluoromethane	3.369	101	183584	48.366	ug/l	99
8) Diethyl Ether	3.828	74	78402	57.042	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.210	101	104172	52.247	ug/l	97
10) Methyl Iodide	4.416	142	134560	55.599	ug/l	# 90
11) Tert butyl alcohol	5.369	59	129996	266.974	ug/l	98
12) 1,1-Dichloroethene	4.187	96	90207	48.937	ug/l	90
13) Acrolein	4.040	56	126414	257.978	ug/l	97
14) Allyl chloride	4.840	41	196309	51.292	ug/l	95
15) Acrylonitrile	5.551	53	406254	276.482	ug/l	99
16) Acetone	4.281	43	344756	269.875	ug/l	96
17) Carbon Disulfide	4.528	76	188268	43.457	ug/l	98
18) Methyl Acetate	4.851	43	202778	56.786	ug/l	91
19) Methyl tert-butyl Ether	5.604	73	428520	59.307	ug/l	99
20) Methylene Chloride	5.098	84	126274	51.568	ug/l	94
21) trans-1,2-Dichloroethene	5.598	96	100242	49.316	ug/l	88
22) Diisopropyl ether	6.492	45	439328	55.728	ug/l	96
23) Vinyl Acetate	6.428	43	1909676	288.433	ug/l	# 93
24) 1,1-Dichloroethane	6.381	63	228693	51.862	ug/l	99
25) 2-Butanone	7.328	43	547328	269.029	ug/l	92
26) 2,2-Dichloropropane	7.316	77	185798	53.940	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	133084	53.707	ug/l	92
28) Bromochloromethane	7.651	49	103719	52.528	ug/l	87
29) Tetrahydrofuran	7.681	42	369270	276.576	ug/l	89
30) Chloroform	7.816	83	243369	54.967	ug/l	98
31) Cyclohexane	8.092	56	170118	42.970	ug/l	87
32) 1,1,1-Trichloroethane	8.010	97	203690	54.061	ug/l	100
36) 1,1-Dichloropropene	8.216	75	154296	50.330	ug/l	96
37) Ethyl Acetate	7.404	43	220284	54.106	ug/l	95
38) Carbon Tetrachloride	8.204	117	173632	52.881	ug/l	99
39) Methylcyclohexane	9.457	83	170690	49.781	ug/l	96
40) Benzene	8.457	78	489237	51.449	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	107756	52.318	ug/l	92
42) 1,2-Dichloroethane	8.528	62	205544	56.460	ug/l	97
43) Isopropyl Acetate	8.557	43	350063	54.686	ug/l	94
44) Trichloroethene	9.210	130	118568	53.601	ug/l	95
45) 1,2-Dichloropropane	9.486	63	139448	54.270	ug/l	98
46) Dibromomethane	9.569	93	92100	57.217	ug/l	95
47) Bromodichloromethane	9.757	83	199104	58.951	ug/l	99
48) Methyl methacrylate	9.557	41	169419	62.997	ug/l	91
49) 1,4-Dioxane	9.569	88	55688	1178.801	ug/l #	89
51) 4-Methyl-2-Pentanone	10.327	43	1140129	296.799	ug/l	93
52) Toluene	10.498	92	315536	55.505	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	208689	61.467	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	222640	60.636	ug/l #	89
55) 1,1,2-Trichloroethane	10.892	97	143722	60.296	ug/l	97
56) Ethyl methacrylate	10.757	69	221723	52.968	ug/l #	86
57) 1,3-Dichloropropane	11.039	76	243140	58.130	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	263465	235.684	ug/l	95
59) 2-Hexanone	11.080	43	802653	296.567	ug/l	92
60) Dibromochloromethane	11.233	129	155247	63.694	ug/l	100
61) 1,2-Dibromoethane	11.339	107	140423	59.903	ug/l	99
64) Tetrachloroethene	10.969	164	101181	54.042	ug/l	96
65) Chlorobenzene	11.763	112	337916	53.769	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	138814	58.619	ug/l	98
67) Ethyl Benzene	11.839	91	614857	56.101	ug/l	99
68) m/p-Xylenes	11.951	106	465998	114.500	ug/l	95
69) o-Xylene	12.274	106	233471	59.174	ug/l	96
70) Styrene	12.292	104	387599	62.368	ug/l	98
71) Bromoform	12.457	173	112930	64.121	ug/l #	97
73) Isopropylbenzene	12.574	105	610743	49.205	ug/l	99
74) N-amyl acetate	12.386	43	235612	50.667	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.821	83	216227	52.298	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	193097m	57.689	ug/l	
77) Bromobenzene	12.857	156	143681	48.950	ug/l	91
78) n-propylbenzene	12.916	91	689316	50.411	ug/l	98
79) 2-Chlorotoluene	13.004	91	430887	47.975	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	514838	49.805	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.621	75	60820	50.040	ug/l	92
82) 4-Chlorotoluene	13.104	91	415359	49.680	ug/l	98
83) tert-Butylbenzene	13.316	119	451746	49.774	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	505031	50.496	ug/l	96
85) sec-Butylbenzene	13.498	105	616192	52.076	ug/l	98
86) p-Isopropyltoluene	13.610	119	504828	54.725	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	257393	54.180	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	253342	54.836	ug/l	97
89) n-Butylbenzene	13.939	91	384008	54.347	ug/l	97
90) Hexachloroethane	14.204	117	92279	46.081	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	260306	55.592	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	43731	50.942	ug/l	83
93) 1,2,4-Trichlorobenzene	15.257	180	114965	52.961	ug/l	98
94) Hexachlorobutadiene	15.362	225	61432	48.961	ug/l	99
95) Naphthalene	15.504	128	350164	48.269	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	117387	54.177	ug/l	97

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

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