

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030222\
 Data File : VN071142.D
 Acq On : 02 Mar 2022 17:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/03/2022
 Supervised By : Mahesh Dadoda 03/03/2022

Quant Time: Mar 03 03:39:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	597864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	954698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	890104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	376802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	379627	55.586	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.180%			
35) Dibromofluoromethane	8.016	113	298163	52.507	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.020%			
50) Toluene-d8	10.434	98	1166351	51.145	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.300%			
62) 4-Bromofluorobenzene	12.727	95	413249	50.697	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	294493	47.425	ug/l	98
3) Chloromethane	2.299	50	399973	51.245	ug/l	100
4) Vinyl Chloride	2.446	62	382119	48.906	ug/l	100
5) Bromomethane	2.834	94	204307	46.031	ug/l	96
6) Chloroethane	3.005	64	245502	47.894	ug/l	95
7) Trichlorofluoromethane	3.369	101	520806	53.189	ug/l	95
8) Diethyl Ether	3.822	74	232816	54.695	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.216	101	304458	50.679	ug/l	95
10) Methyl Iodide	4.422	142	427278	51.354	ug/l	98
11) Tert butyl alcohol	5.357	59	419827	337.309	ug/l	98
12) 1,1-Dichloroethene	4.181	96	291019	49.720	ug/l	95
13) Acrolein	4.040	56	317827	285.770	ug/l	99
14) Allyl chloride	4.834	41	642548	57.562	ug/l #	85
15) Acrylonitrile	5.546	53	1198359	326.874	ug/l	99
16) Acetone	4.281	43	968582	257.522	ug/l	95
17) Carbon Disulfide	4.534	76	695022	41.408	ug/l	98
18) Methyl Acetate	4.852	43	551831	67.214	ug/l	96
19) Methyl tert-butyl Ether	5.604	73	1199042	58.399	ug/l	98
20) Methylene Chloride	5.099	84	363148	53.126	ug/l	92
21) trans-1,2-Dichloroethene	5.593	96	312685	49.773	ug/l	87
22) Diisopropyl ether	6.487	45	1355870	63.330	ug/l	94
23) Vinyl Acetate	6.428	43	5798067	319.922	ug/l	98
24) 1,1-Dichloroethane	6.381	63	684687	57.049	ug/l	99
25) 2-Butanone	7.328	43	1621958	324.170	ug/l	96
26) 2,2-Dichloropropane	7.322	77	517678	51.899	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	395746	54.809	ug/l	92
28) Bromochloromethane	7.651	49	298807	61.513	ug/l	85
29) Tetrahydrofuran	7.675	42	1102556	340.158	ug/l	92
30) Chloroform	7.816	83	656263	55.596	ug/l	99
31) Cyclohexane	8.092	56	625967	52.997	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	563309	55.260	ug/l	99
36) 1,1-Dichloropropene	8.216	75	485044	52.136	ug/l	97
37) Ethyl Acetate	7.404	43	669918	67.143	ug/l	98
38) Carbon Tetrachloride	8.204	117	481525	52.530	ug/l	99
39) Methylcyclohexane	9.457	83	587037	49.038	ug/l	95
40) Benzene	8.451	78	1485491	53.980	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	331823	63.145	ug/l	88
42) 1,2-Dichloroethane	8.522	62	533348	56.906	ug/l	100
43) Isopropyl Acetate	8.551	43	1045393	66.472	ug/l	96
44) Trichloroethene	9.210	130	354136	48.869	ug/l	97
45) 1,2-Dichloropropane	9.486	63	412555	58.525	ug/l	97
46) Dibromomethane	9.569	93	253502	54.646	ug/l	97
47) Bromodichloromethane	9.757	83	521677	55.642	ug/l	98
48) Methyl methacrylate	9.557	41	492757	66.195	ug/l #	82
49) 1,4-Dioxane	9.563	88	174904	1322.876	ug/l	88
51) 4-Methyl-2-Pentanone	10.322	43	3277226	342.498	ug/l	99
52) Toluene	10.498	92	934497	54.041	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	577214	56.619	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	631339	56.390	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	378983	55.990	ug/l	99
56) Ethyl methacrylate	10.757	69	643699	63.118	ug/l	91
57) 1,3-Dichloropropane	11.039	76	678855	57.982	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.034	63	584752	256.780	ug/l	96
59) 2-Hexanone	11.081	43	2284033	347.074	ug/l	98
60) Dibromochloromethane	11.233	129	398658	55.730	ug/l	100
61) 1,2-Dibromoethane	11.339	107	379535	55.127	ug/l	100
64) Tetrachloroethene	10.975	164	302968	43.705	ug/l	96
65) Chlorobenzene	11.763	112	999485	52.110	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	367588	52.576	ug/l	99
67) Ethyl Benzene	11.839	91	1825004	54.364	ug/l	97
68) m/p-Xylenes	11.951	106	1375463	106.074	ug/l	99
69) o-Xylene	12.275	106	682584	53.887	ug/l	97
70) Styrene	12.286	104	1113661	55.292	ug/l	98
71) Bromoform	12.451	173	301504	54.147	ug/l #	100
73) Isopropylbenzene	12.575	105	1780268	58.698	ug/l	100
74) N-amyl acetate	12.380	43	687639	70.928	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	571800	59.329	ug/l	99
76) 1,2,3-Trichloropropane	12.875	75	433103m	48.818	ug/l	
77) Bromobenzene	12.857	156	407340	54.863	ug/l	83
78) n-propylbenzene	12.916	91	1987650	58.329	ug/l	98
79) 2-Chlorotoluene	13.004	91	1210217	58.481	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	1430764	58.229	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	169503	61.911	ug/l	91
82) 4-Chlorotoluene	13.098	91	1143454	56.922	ug/l	93
83) tert-Butylbenzene	13.322	119	1298540	55.724	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1392237	57.560	ug/l	100
85) sec-Butylbenzene	13.498	105	1757551	57.239	ug/l	100
86) p-Isopropyltoluene	13.610	119	1414730	56.125	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	685348	52.144	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	655954	50.939	ug/l	99
89) n-Butylbenzene	13.939	91	1066530	51.860	ug/l	96
90) Hexachloroethane	14.204	117	265073	58.884	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	656553	53.197	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	96169	61.586	ug/l	90
93) 1,2,4-Trichlorobenzene	15.257	180	301011	43.655	ug/l	98
94) Hexachlorobutadiene	15.368	225	184508	40.996	ug/l	99
95) Naphthalene	15.504	128	742818	44.684	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	282739	44.502	ug/l	99

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

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