

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111221\
 Data File : VN069481.D
 Acq On : 12 Nov 2021 20:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 15 03:33:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	999581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1701192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1618578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	713778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	722135	49.825	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.660%		
35) Dibromofluoromethane	8.024	113	518150	50.784	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.560%		
50) Toluene-d8	10.443	98	2016830	50.260	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.520%		
62) 4-Bromofluorobenzene	12.731	95	751994	51.012	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	556239	52.087	ug/l	99
3) Chloromethane	2.301	50	618619	49.950	ug/l	99
4) Vinyl Chloride	2.443	62	617701	49.812	ug/l	99
5) Bromomethane	2.832	94	369563	45.888	ug/l	97
6) Chloroethane	3.003	64	400847	47.890	ug/l	94
7) Trichlorofluoromethane	3.365	101	919183	47.960	ug/l	99
8) Diethyl Ether	3.821	74	351535	56.692	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.197	101	447344	49.551	ug/l	95
10) Methyl Iodide	4.411	142	595522	53.781	ug/l	97
11) Tert butyl alcohol	5.393	59	719382	275.451	ug/l #	87
12) 1,1-Dichloroethene	4.170	96	411645	50.810	ug/l	91
13) Acrolein	4.038	56	95564	258.627	ug/l	99
14) Allyl chloride	4.830	41	930040	51.923	ug/l	94
15) Acrylonitrile	5.556	53	1938528	289.852	ug/l	99
16) Acetone	4.288	43	1806444	231.009	ug/l	96
17) Carbon Disulfide	4.521	76	864519	45.143	ug/l	98
18) Methyl Acetate	4.856	43	1383347	54.420	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	1865432	54.407	ug/l	96
20) Methylene Chloride	5.092	84	547412	49.367	ug/l	87
21) trans-1,2-Dichloroethene	5.594	96	466963	51.604	ug/l	91
22) Diisopropyl ether	6.498	45	2103568	54.519	ug/l	96
23) Vinyl Acetate	6.436	43	8352668	279.893	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1030341	52.428	ug/l	99
25) 2-Butanone	7.340	43	2912632	275.071	ug/l	93
26) 2,2-Dichloropropane	7.327	77	720937	46.886	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	596094	53.140	ug/l	89
28) Bromochloromethane	7.659	49	573828	57.017	ug/l #	81
29) Tetrahydrofuran	7.689	42	1931357	297.223	ug/l	90
30) Chloroform	7.817	83	1083502	53.778	ug/l	100
31) Cyclohexane	8.094	56	937878	47.366	ug/l	92
32) 1,1,1-Trichloroethane	8.013	97	904558	53.788	ug/l	96
36) 1,1-Dichloropropene	8.222	75	740620	51.739	ug/l	97
37) Ethyl Acetate	7.415	43	1143921	59.117	ug/l	95
38) Carbon Tetrachloride	8.206	117	729757	52.805	ug/l	97
39) Methylcyclohexane	9.461	83	888393	49.890	ug/l	90
40) Benzene	8.461	78	2326246	52.649	ug/l	98

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41) Methacrylonitrile	7.640	41	559364	55.945	ug/l	91
42) 1,2-Dichloroethane	8.531	62	916519	52.976	ug/l	97
43) Isopropyl Acetate	8.563	43	1770244	56.957	ug/l	94
44) Trichloroethene	9.217	130	558204	52.788	ug/l	96
45) 1,2-Dichloropropane	9.491	63	636353	53.907	ug/l	100
46) Dibromomethane	9.579	93	426768	53.974	ug/l	93
47) Bromodichloromethane	9.764	83	811996	55.033	ug/l	100
48) Methyl methacrylate	9.561	41	822573	56.253	ug/l	90
49) 1,4-Dioxane	9.571	88	331652	1138.824	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	6023413	300.247	ug/l	96
52) Toluene	10.505	92	1483398	53.891	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	860266	47.557	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	934032	48.899	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	620829	55.952	ug/l	97
56) Ethyl methacrylate	10.762	69	1065255	50.905	ug/l	87
57) 1,3-Dichloropropane	11.046	76	1069960	54.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	1239305	232.273	ug/l	93
59) 2-Hexanone	11.087	43	4488994	264.536	ug/l	94
60) Dibromochloromethane	11.240	129	597961	49.143	ug/l	99
61) 1,2-Dibromoethane	11.347	107	636263	51.345	ug/l	100
64) Tetrachloroethene	10.979	164	495888	50.740	ug/l	93
65) Chlorobenzene	11.771	112	1594097	52.912	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	589134	56.378	ug/l	99
67) Ethyl Benzene	11.846	91	2970912	53.468	ug/l	96
68) m/p-Xylenes	11.956	106	2182545	106.800	ug/l	94
69) o-Xylene	12.283	106	1107307	54.351	ug/l	94
70) Styrene	12.296	104	1827073	49.950	ug/l	97
71) Bromoform	12.460	173	438960	48.489	ug/l #	99
73) Isopropylbenzene	12.581	105	2925104	51.470	ug/l	99
74) N-amyl acetate	12.387	43	1408664	58.488	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1029877	53.730	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	858805m	52.136	ug/l	
77) Bromobenzene	12.862	156	683634	52.597	ug/l	80
78) n-propylbenzene	12.921	91	3316187	51.857	ug/l	97
79) 2-Chlorotoluene	13.010	91	2035984	51.421	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	2391632	52.056	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	261514	47.575	ug/l	93
82) 4-Chlorotoluene	13.106	91	1961759	51.974	ug/l	93
83) tert-Butylbenzene	13.326	119	2114577	52.521	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	2331692	52.570	ug/l	98
85) sec-Butylbenzene	13.503	105	2990774	53.177	ug/l	98
86) p-Isopropyltoluene	13.618	119	2363361	52.934	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1186956	52.673	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	1140552	51.593	ug/l	97
89) n-Butylbenzene	13.943	91	1934914	51.969	ug/l	98
90) Hexachloroethane	14.214	117	399124	48.694	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1177540	54.916	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	189905	53.171	ug/l	83
93) 1,2,4-Trichlorobenzene	15.265	180	550455	49.056	ug/l	99
94) Hexachlorobutadiene	15.372	225	289605	51.980	ug/l	99
95) Naphthalene	15.507	128	1772487	55.410	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	562152	52.177	ug/l	99

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

