

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069902.D
 Acq On : 9 Dec 2021 9:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 09 12:04:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1055181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1784088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1662972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	718127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	810926	49.774	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.540%		
35) Dibromofluoromethane	8.021	113	563935	50.463	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.920%		
50) Toluene-d8	10.441	98	2209324	49.236	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.480%		
62) 4-Bromofluorobenzene	12.728	95	798862	49.142	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	578837	47.033	ug/l	98
3) Chloromethane	2.303	50	698511	45.303	ug/l	99
4) Vinyl Chloride	2.448	62	666991	47.046	ug/l	97
5) Bromomethane	2.845	94	341707	44.364	ug/l	100
6) Chloroethane	3.017	64	404249	46.531	ug/l	98
7) Trichlorofluoromethane	3.379	101	875805	47.068	ug/l	98
8) Diethyl Ether	3.824	74	349380	48.752	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.208	101	508661	48.768	ug/l	96
10) Methyl Iodide	4.422	142	690198	48.438	ug/l	98
11) Tert butyl alcohol	5.372	59	520273	168.943	ug/l	99
12) 1,1-Dichloroethene	4.181	96	484832	48.237	ug/l	89
13) Acrolein	4.039	56	692897	264.208	ug/l	99
14) Allyl chloride	4.841	41	1085599	47.933	ug/l	93
15) Acrylonitrile	5.554	53	1856176	223.680	ug/l	99
16) Acetone	4.285	43	1651452	168.509	ug/l	97
17) Carbon Disulfide	4.529	76	1289708	49.668	ug/l	100
18) Methyl Acetate	4.854	43	1342838	45.394	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	1900771	48.637	ug/l	97
20) Methylene Chloride	5.095	84	601651	46.180	ug/l #	86
21) trans-1,2-Dichloroethene	5.600	96	517607	47.413	ug/l	86
22) Diisopropyl ether	6.495	45	2228143	50.333	ug/l #	95
23) Vinyl Acetate	6.434	43	9107590	252.886	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1141103	49.762	ug/l	98
25) 2-Butanone	7.335	43	2659183	199.700	ug/l	90
26) 2,2-Dichloropropane	7.327	77	729220	40.900	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	630183	47.778	ug/l	87
28) Bromochloromethane	7.657	49	632417	53.035	ug/l #	78
29) Tetrahydrofuran	7.683	42	1754942	217.042	ug/l	87
30) Chloroform	7.818	83	1132515	48.901	ug/l	100
31) Cyclohexane	8.094	56	1043674	46.032	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	984620	49.912	ug/l	95
36) 1,1-Dichloropropene	8.220	75	815498	48.016	ug/l	96
37) Ethyl Acetate	7.413	43	1107562	43.814	ug/l	94
38) Carbon Tetrachloride	8.206	117	847731	50.900	ug/l	100
39) Methylcyclohexane	9.459	83	955978	47.321	ug/l	89
40) Benzene	8.459	78	2473157	47.640	ug/l	99

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41) Methacrylonitrile	7.635	41	574515	48.415	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	996615	47.557	ug/l	96
43) Isopropyl Acetate	8.560	43	1792645	47.921	ug/l #	93
44) Trichloroethene	9.215	130	579821	46.795	ug/l	92
45) 1,2-Dichloropropane	9.488	63	689879	49.487	ug/l	99
46) Dibromomethane	9.574	93	437594	47.863	ug/l	93
47) Bromodichloromethane	9.762	83	905729	52.323	ug/l	99
48) Methyl methacrylate	9.558	41	824436	47.225	ug/l	85
49) 1,4-Dioxane	9.569	88	214523	684.853	ug/l #	81
51) 4-Methyl-2-Pentanone	10.328	43	5622558	231.690	ug/l	94
52) Toluene	10.505	92	1520886	47.987	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	931283	45.018	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	996470	45.773	ug/l	90
55) 1,1,2-Trichloroethane	10.896	97	611954	47.854	ug/l	97
56) Ethyl methacrylate	10.760	69	1049510	43.793	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	1089251	48.375	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1320733	206.174	ug/l	91
59) 2-Hexanone	11.084	43	3940816	214.669	ug/l	92
60) Dibromochloromethane	11.237	129	654279	47.859	ug/l	100
61) 1,2-Dibromoethane	11.344	107	633454	47.825	ug/l	98
64) Tetrachloroethene	10.977	164	500338	44.372	ug/l	95
65) Chlorobenzene	11.768	112	1602271	47.493	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.841	131	610160	51.385	ug/l	99
67) Ethyl Benzene	11.843	91	3020173	49.283	ug/l	96
68) m/p-Xylenes	11.953	106	2190484	98.169	ug/l	91
69) o-Xylene	12.280	106	1099648	48.926	ug/l	92
70) Styrene	12.294	104	1807211	50.708	ug/l	95
71) Bromoform	12.457	173	492038	48.533	ug/l #	100
73) Isopropylbenzene	12.578	105	2888300	45.205	ug/l	98
74) N-amyl acetate	12.385	43	1290795	45.682	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	967327	43.782	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	865971m	42.049	ug/l	
77) Bromobenzene	12.860	156	667242	44.460	ug/l	78
78) n-propylbenzene	12.919	91	3308385	46.532	ug/l	96
79) 2-Chlorotoluene	13.007	91	2046742	45.559	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2389969	46.474	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	260448	42.090	ug/l	95
82) 4-Chlorotoluene	13.104	91	1956647	46.312	ug/l	93
83) tert-Butylbenzene	13.321	119	2081445	45.709	ug/l	93
84) 1,2,4-Trimethylbenzene	13.367	105	2337313	47.723	ug/l	97
85) sec-Butylbenzene	13.501	105	2873817	46.527	ug/l	97
86) p-Isopropyltoluene	13.613	119	2299827	47.635	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1124190	45.597	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1081994	44.657	ug/l	97
89) n-Butylbenzene	13.941	91	1876797	47.921	ug/l	97
90) Hexachloroethane	14.209	117	456463	53.850	ug/l	86
91) 1,2-Dichlorobenzene	13.986	146	1090088	45.377	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	178947	44.821	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	480578	41.319	ug/l	98
94) Hexachlorobutadiene	15.367	225	297644	46.751	ug/l	99
95) Naphthalene	15.504	128	1239622	36.492	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	464669	40.931	ug/l	98

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

