

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070000.D
 Acq On : 11 Dec 2021 11:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 12 16:16:34 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	951429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1514779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1433112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	638453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	756257	51.481	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.960%			
35) Dibromofluoromethane	8.024	113	521683	54.982	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.960%			
50) Toluene-d8	10.443	98	1999113	52.472	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.940%			
62) 4-Bromofluorobenzene	12.731	95	749772	54.322	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	541394	48.788	ug/l	98
3) Chloromethane	2.303	50	641882	46.170	ug/l	100
4) Vinyl Chloride	2.445	62	599394	46.889	ug/l	99
5) Bromomethane	2.834	94	339281	48.853	ug/l	99
6) Chloroethane	3.009	64	357817	45.678	ug/l	96
7) Trichlorofluoromethane	3.371	101	794247	47.340	ug/l	99
8) Diethyl Ether	3.821	74	319400	49.429	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.205	101	486706	51.751	ug/l	96
10) Methyl Iodide	4.417	142	614441	47.824	ug/l	98
11) Tert butyl alcohol	5.379	59	597151	215.051	ug/l	98
12) 1,1-Dichloroethene	4.175	96	441307	48.695	ug/l	89
13) Acrolein	4.038	56	625526	264.529	ug/l	99
14) Allyl chloride	4.838	41	1067018	52.250	ug/l #	91
15) Acrylonitrile	5.554	53	1807649	241.586	ug/l	99
16) Acetone	4.288	43	2332579	263.964	ug/l	95
17) Carbon Disulfide	4.524	76	1230648	52.561	ug/l	99
18) Methyl Acetate	4.854	43	1262733	47.341	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1744593	49.508	ug/l	95
20) Methylene Chloride	5.093	84	555348	47.274	ug/l #	84
21) trans-1,2-Dichloroethene	5.597	96	477155	48.474	ug/l	85
22) Diisopropyl ether	6.498	45	2088435	52.322	ug/l #	94
23) Vinyl Acetate	6.433	43	8584796	264.363	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1054189	50.985	ug/l	97
25) 2-Butanone	7.337	43	2955590	246.164	ug/l	90
26) 2,2-Dichloropropane	7.327	77	857227	53.322	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	584707	49.165	ug/l	84
28) Bromochloromethane	7.656	49	575475	53.522	ug/l #	77
29) Tetrahydrofuran	7.686	42	1731684	237.520	ug/l	87
30) Chloroform	7.817	83	1054722	50.509	ug/l	99
31) Cyclohexane	8.096	56	974821	47.684	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	909431	51.128	ug/l	95
36) 1,1-Dichloropropene	8.222	75	771487	53.500	ug/l	95
37) Ethyl Acetate	7.415	43	1065036	49.623	ug/l	95
38) Carbon Tetrachloride	8.206	117	785117	55.521	ug/l	100
39) Methylcyclohexane	9.461	83	904624	52.740	ug/l	90
40) Benzene	8.461	78	2278191	51.686	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	519804	51.592	ug/l	90
42) 1,2-Dichloroethane	8.531	62	913878	51.362	ug/l	96
43) Isopropyl Acetate	8.560	43	1668429	52.530	ug/l #	93
44) Trichloroethene	9.217	130	535527	50.904	ug/l	92
45) 1,2-Dichloropropane	9.491	63	629271	53.165	ug/l	100
46) Dibromomethane	9.577	93	410940	52.938	ug/l	93
47) Bromodichloromethane	9.762	83	871559	59.300	ug/l	99
48) Methyl methacrylate	9.561	41	772119	52.092	ug/l	87
49) 1,4-Dioxane	9.571	88	256348	963.874	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	5442471	264.141	ug/l	94
52) Toluene	10.505	92	1409958	52.396	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	914748	51.642	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	970186	52.196	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	565695	52.102	ug/l	97
56) Ethyl methacrylate	10.762	69	968326	47.391	ug/l #	84
57) 1,3-Dichloropropane	11.044	76	1001975	52.410	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	1284920	233.562	ug/l	90
59) 2-Hexanone	11.087	43	4141689	265.721	ug/l	92
60) Dibromochloromethane	11.240	129	626808	53.696	ug/l	99
61) 1,2-Dibromoethane	11.347	107	584298	51.957	ug/l	99
64) Tetrachloroethene	10.979	164	458664	47.200	ug/l	96
65) Chlorobenzene	11.771	112	1494912	51.418	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	572833	55.979	ug/l	100
67) Ethyl Benzene	11.846	91	2829118	53.570	ug/l	96
68) m/p-Xylenes	11.953	106	2080701	108.206	ug/l	93
69) o-Xylene	12.280	106	1021427	52.735	ug/l	90
70) Styrene	12.294	104	1713301	55.784	ug/l	95
71) Bromoform	12.460	173	480033	54.582	ug/l #	99
73) Isopropylbenzene	12.578	105	2719382	47.873	ug/l	98
74) N-amyl acetate	12.387	43	1255558	49.980	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	924637	47.072	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	817974m	44.675	ug/l	
77) Bromobenzene	12.862	156	626141	46.928	ug/l	77
78) n-propylbenzene	12.921	91	3218609	50.919	ug/l	95
79) 2-Chlorotoluene	13.010	91	1939879	48.569	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	2266606	49.575	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	285587	50.965	ug/l	96
82) 4-Chlorotoluene	13.106	91	1895436	50.462	ug/l	92
83) tert-Butylbenzene	13.323	119	1975077	48.786	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	2204481	50.628	ug/l	97
85) sec-Butylbenzene	13.503	105	2797630	50.946	ug/l	97
86) p-Isopropyltoluene	13.616	119	2245863	52.322	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1102242	50.286	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	1069965	49.671	ug/l	97
89) n-Butylbenzene	13.943	91	1901908	54.622	ug/l	98
90) Hexachloroethane	14.211	117	441444	58.577	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1048453	49.091	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	181830	51.227	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	499948	47.859	ug/l	98
94) Hexachlorobutadiene	15.370	225	294992	52.117	ug/l	100
95) Naphthalene	15.507	128	1285855	41.912	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	481363	47.291	ug/l	98

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

