

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070919.D
 Acq On : 3 Feb 2022 3:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/04/2022

Quant Time: Feb 03 06:02:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	828425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1362296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1234133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	534271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	566274	50.499	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.000%			
35) Dibromofluoromethane	8.021	113	422461	51.766	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.540%			
50) Toluene-d8	10.440	98	1715277	51.190	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.380%			
62) 4-Bromofluorobenzene	12.731	95	611458	50.644	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	403231	43.868	ug/l	100
3) Chloromethane	2.303	50	546985	47.114	ug/l	99
4) Vinyl Chloride	2.445	62	348732	35.956	ug/l	100
5) Bromomethane	2.842	94	212107	42.758	ug/l	97
6) Chloroethane	3.011	64	214315	48.723	ug/l	98
7) Trichlorofluoromethane	3.373	101	502092	46.357	ug/l	98
8) Diethyl Ether	3.824	74	285902	45.514	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.205	101	364682	44.624	ug/l	95
10) Methyl Iodide	4.419	142	538471	44.654	ug/l	98
11) Tert butyl alcohol	5.385	59	567341	240.777	ug/l	98
12) 1,1-Dichloroethene	4.175	96	377575	45.226	ug/l	94
13) Acrolein	4.039	56	563543	217.236	ug/l	99
14) Allyl chloride	4.838	41	863702	45.413	ug/l #	83
15) Acrylonitrile	5.554	53	1569263	238.484	ug/l	98
16) Acetone	4.288	43	1331117	198.522	ug/l	98
17) Carbon Disulfide	4.524	76	1138088	43.894	ug/l	99
18) Methyl Acetate	4.854	43	726954	47.535	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	1481677	46.484	ug/l	95
20) Methylene Chloride	5.093	84	448394	44.037	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	397076	44.609	ug/l	88
22) Diisopropyl ether	6.498	45	1685664	45.758	ug/l	91
23) Vinyl Acetate	6.434	43	7646645	234.672	ug/l	95
24) 1,1-Dichloroethane	6.385	63	838047	45.181	ug/l	97
25) 2-Butanone	7.337	43	2214013	228.754	ug/l	93
26) 2,2-Dichloropropane	7.324	77	544012	37.345	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	469241	44.635	ug/l	90
28) Bromochloromethane	7.656	49	377058	46.585	ug/l #	78
29) Tetrahydrofuran	7.686	42	1517776	241.426	ug/l	88
30) Chloroform	7.817	83	787342	44.619	ug/l	99
31) Cyclohexane	8.094	56	826742	43.393	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	665285	44.666	ug/l	98
36) 1,1-Dichloropropene	8.220	75	598868	45.171	ug/l	97
37) Ethyl Acetate	7.412	43	871159	47.676	ug/l	98
38) Carbon Tetrachloride	8.206	117	555743	45.900	ug/l	99
39) Methylcyclohexane	9.459	83	736613	45.196	ug/l	90
40) Benzene	8.458	78	1870177	44.900	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	430217	46.860	ug/l #	90
42) 1,2-Dichloroethane	8.531	62	641032	45.208	ug/l	100
43) Isopropyl Acetate	8.560	43	1353719	44.070	ug/l	96
44) Trichloroethene	9.215	130	424863	44.082	ug/l	90
45) 1,2-Dichloropropane	9.491	63	511522	45.861	ug/l	100
46) Dibromomethane	9.577	93	306375	45.853	ug/l	95
47) Bromodichloromethane	9.762	83	618129	45.928	ug/l	99
48) Methyl methacrylate	9.561	41	621731	46.945	ug/l #	83
49) 1,4-Dioxane	9.569	88	214302	965.935	ug/l #	85
51) 4-Methyl-2-Pentanone	10.330	43	4387476	242.665	ug/l	99
52) Toluene	10.505	92	1151185	44.606	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	684268	45.050	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	744917	45.092	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	445405	45.443	ug/l	98
56) Ethyl methacrylate	10.760	69	818520	47.947	ug/l	89
57) 1,3-Dichloropropane	11.044	76	793899	46.269	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1070971	233.122	ug/l	91
59) 2-Hexanone	11.084	43	3233354	244.938	ug/l	97
60) Dibromochloromethane	11.237	129	447007	45.982	ug/l	99
61) 1,2-Dibromoethane	11.344	107	462503	45.882	ug/l	100
64) Tetrachloroethene	10.977	164	367347	45.477	ug/l	96
65) Chlorobenzene	11.771	112	1155898	44.751	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	416010	46.145	ug/l	99
67) Ethyl Benzene	11.843	91	2194651	46.609	ug/l	97
68) m/p-Xylenes	11.953	106	1623423	93.052	ug/l	94
69) o-Xylene	12.280	106	808382	46.297	ug/l	94
70) Styrene	12.294	104	1340309	48.704	ug/l	96
71) Bromoform	12.457	173	350536	47.092	ug/l #	100
73) Isopropylbenzene	12.578	105	2090922	44.855	ug/l	98
74) N-amyl acetate	12.387	43	1035043	49.579	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	736868	45.637	ug/l	97
76) 1,2,3-Trichloropropane	12.878	75	680575m	52.923	ug/l	
77) Bromobenzene	12.860	156	484222	43.331	ug/l	75
78) n-propylbenzene	12.919	91	2408039	45.298	ug/l	96
79) 2-Chlorotoluene	13.007	91	1468287	44.418	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	1739631	46.037	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	218001	45.951	ug/l	92
82) 4-Chlorotoluene	13.104	91	1427793	44.816	ug/l	93
83) tert-Butylbenzene	13.323	119	1496413	45.407	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	1711486	46.316	ug/l	97
85) sec-Butylbenzene	13.501	105	2121454	46.011	ug/l	97
86) p-Isopropyltoluene	13.613	119	1701795	46.805	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	848661	45.655	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	820955	44.151	ug/l	97
89) n-Butylbenzene	13.940	91	1475520	46.049	ug/l	97
90) Hexachloroethane	14.209	117	293201	45.502	ug/l	93
91) 1,2-Dichlorobenzene	13.989	146	804760	45.128	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	144274	49.310	ug/l	82
93) 1,2,4-Trichlorobenzene	15.263	180	433537	43.932	ug/l	98
94) Hexachlorobutadiene	15.370	225	260080	43.668	ug/l	98
95) Naphthalene	15.504	128	1233516	44.452	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	413971	44.190	ug/l	98

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

