

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030921\
 Data File : VN066150.D
 Acq On : 9 Mar 2021 10:57
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 3/10/2021 1:44:21 PM

Quant Time: Mar 09 11:37:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 09 11:33:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.590	168	169980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.518	114	298356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	277857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	137942	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	161883	59.14	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 118.28%			
35) Dibromofluoromethane	7.509	113	99697	52.10	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.20%			
50) Toluene-d8	10.030	98	385846	51.57	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.14%			
62) 4-Bromofluorobenzene	12.348	95	142785	49.81	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.62%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.821	85	108792	50.16	ug/l	98
3) Chloromethane	2.017	50	183245	68.21	ug/l	98
4) Vinyl Chloride	2.151	62	154704	61.41	ug/l	99
5) Bromomethane	2.524	94	79504	47.73	ug/l	99
6) Chloroethane	2.658	64	86817	64.24	ug/l	100
7) Trichlorofluoromethane	2.969	101	171236	45.96	ug/l	98
8) Diethyl Ether	3.350	74	72086	62.76	ug/l	57
9) 1,1,2-Trichlorotrifluo...	3.688	101	78292	49.47	ug/l	93
10) Methyl Iodide	3.875	142	100822	43.27	ug/l #	88
11) Tert butyl alcohol	4.723	59	138172	349.18	ug/l	99
12) 1,1-Dichloroethene	3.663	96	86336	49.33	ug/l #	66
13) Acrolein	3.537	56	78697	257.33	ug/l	97
14) Allyl chloride	4.235	41	289084	91.16	ug/l #	86
15) Acrylonitrile	4.892	53	413382	451.34	ug/l	99
16) Acetone	3.749	43	380989	420.37	ug/l #	87
17) Carbon Disulfide	3.969	76	274428	52.54	ug/l	97
18) Methyl Acetate	4.243	43	220077	104.87	ug/l #	84
19) Methyl tert-butyl Ether	4.951	73	410513	60.45	ug/l #	90
20) Methylene Chloride	4.463	84	117582	56.02	ug/l #	74
21) trans-1,2-Dichloroethene	4.940	96	107918	57.71	ug/l #	72
22) Diisopropyl ether	5.863	45	564481	88.88	ug/l #	93
23) Vinyl Acetate	5.804	43	2503105	458.25	ug/l #	90
24) 1,1-Dichloroethane	5.753	63	258878	70.87	ug/l	95
25) 2-Butanone	6.750	43	642502	502.40	ug/l #	82
26) 2,2-Dichloropropane	6.732	77	203478	57.11	ug/l	93
27) cis-1,2-Dichloroethene	6.740	96	128547	57.63	ug/l	71
28) Bromochloromethane	7.110	49	141545	87.96	ug/l #	61
29) Tetrahydrofuran	7.131	42	452418	531.81	ug/l #	77
30) Chloroform	7.292	83	231641	59.88	ug/l	98
31) Cyclohexane	7.576	56	222091	65.46	ug/l	85
32) 1,1,1-Trichloroethane	7.491	97	188988	53.46	ug/l	95
36) 1,1-Dichloropropene	7.716	75	170794	59.09	ug/l	94
37) Ethyl Acetate	6.844	43	262892	98.44	ug/l #	84
38) Carbon Tetrachloride	7.697	117	151632	47.64	ug/l	98
39) Methylcyclohexane	9.014	83	179904	57.83	ug/l #	82
40) Benzene	7.965	78	513866	59.81	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.086	41	126760	94.10	ug/l #	100
42) 1,2-Dichloroethane	8.051	62	210278	61.49	ug/l	94
43) Isopropyl Acetate	8.097	43	436727	89.95	ug/l #	82
44) Trichloroethene	8.767	130	118523	51.02	ug/l	88
45) 1,2-Dichloropropane	9.051	63	159918	71.05	ug/l	97
46) Dibromomethane	9.145	93	84261	60.73	ug/l	92
47) Bromodichloromethane	9.341	83	185499	57.85	ug/l	99
48) Methyl methacrylate	9.137	41	210641	89.76	ug/l #	77
49) 1,4-Dioxane	9.143	88	37894	1080.34	ug/l #	70
51) 4-Methyl-2-Pentanone	9.923	43	1326890	483.39	ug/l	88
52) Toluene	10.095	92	297718	54.89	ug/l	97
53) t-1,3-Dichloropropene	10.323	75	222575	59.70	ug/l	97
54) cis-1,3-Dichloropropene	9.778	75	235453	60.60	ug/l #	85
55) 1,1,2-Trichloroethane	10.502	97	116772	56.63	ug/l	91
56) Ethyl methacrylate	10.371	69	209285	68.70	ug/l #	73
57) 1,3-Dichloropropane	10.647	76	229414	64.07	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.633	63	378923	325.13	ug/l #	86
59) 2-Hexanone	10.693	43	959769	509.21	ug/l	86
60) Dibromochloromethane	10.843	129	126834	54.28	ug/l	100
61) 1,2-Dibromoethane	10.948	107	119562	57.42	ug/l	98
64) Tetrachloroethene	10.572	164	116857	50.84	ug/l	98
65) Chlorobenzene	11.377	112	299494	51.46	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.452	131	114598	52.07	ug/l	98
67) Ethyl Benzene	11.455	91	568399	53.68	ug/l	98
68) m/p-Xylenes	11.564	106	408954	101.22	ug/l	92
69) o-Xylene	11.892	106	199446	50.45	ug/l	93
70) Styrene	11.908	104	337149	54.04	ug/l	95
71) Bromoform	12.071	173	87347	56.13	ug/l #	99
73) Isopropylbenzene	12.195	105	525052	46.92	ug/l	98
74) N-amyl acetate	12.015	43	310938	99.76	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.450	83	183115	58.84	ug/l	99
76) 1,2,3-Trichloropropane	12.498	75	196092m	62.19	ug/l	
77) Bromobenzene	12.468	156	124826	48.37	ug/l	74
78) n-propylbenzene	12.535	91	628647	50.98	ug/l	97
79) 2-Chlorotoluene	12.618	91	376470	47.80	ug/l	94
80) 1,3,5-Trimethylbenzene	12.678	105	449982	45.52	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.246	75	68407	62.39	ug/l	95
82) 4-Chlorotoluene	12.718	91	395919	48.66	ug/l	93
83) tert-Butylbenzene	12.938	119	369580	45.62	ug/l	96
84) 1,2,4-Trimethylbenzene	12.983	105	447222	46.26	ug/l	99
85) sec-Butylbenzene	13.115	105	499387	49.48	ug/l	98
86) p-Isopropyltoluene	13.233	119	449710	48.20	ug/l	97
87) 1,3-Dichlorobenzene	13.227	146	223457	49.51	ug/l	97
88) 1,4-Dichlorobenzene	13.308	146	221216	46.75	ug/l	96
89) n-Butylbenzene	13.560	91	426738	56.49	ug/l	98
90) Hexachloroethane	13.817	117	68631	48.34	ug/l	99
91) 1,2-Dichlorobenzene	13.595	146	225685	50.54	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.214	75	44980	47.18	ug/l	80
93) 1,2,4-Trichlorobenzene	14.850	180	143607	59.48	ug/l	100
94) Hexachlorobutadiene	14.949	225	62709	54.08	ug/l	99
95) Naphthalene	15.070	128	464106	58.97	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	147079	56.12	ug/l	100

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

