

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070221\
 Data File : VN067607.D
 Acq On : 2 Jul 2021 10:32
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/7/2021 8:51:04 AM

Quant Time: Jul 02 11:36:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 11:33:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	439789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	806248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	795845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	402747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	321220	51.944	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.880%			
35) Dibromofluoromethane	8.024	113	240399	47.871	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.740%			
50) Toluene-d8	10.443	98	1039623	50.367	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.740%			
62) 4-Bromofluorobenzene	12.733	95	382458	52.391	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	237298	51.920	ug/l	97
3) Chloromethane	2.301	50	302224	53.903	ug/l	99
4) Vinyl Chloride	2.440	62	471677	61.076	ug/l	98
5) Bromomethane	2.842	94	355006	61.842	ug/l	100
6) Chloroethane	3.011	64	354434	64.597	ug/l	95
7) Trichlorofluoromethane	3.368	101	885938	63.273	ug/l	100
8) Diethyl Ether	3.816	74	227075	68.323	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.199	101	202412	46.900	ug/l	96
10) Methyl Iodide	4.417	142	269132	47.738	ug/l	91
11) Tert butyl alcohol	5.387	59	217044	242.615	ug/l	100
12) 1,1-Dichloroethene	4.173	96	195651	46.258	ug/l	88
13) Acrolein	4.038	56	179303	276.248	ug/l	100
14) Allyl chloride	4.835	41	356241	50.785	ug/l	94
15) Acrylonitrile	5.559	53	601388	259.287	ug/l	99
16) Acetone	4.291	43	476741	237.974	ug/l	93
17) Carbon Disulfide	4.521	76	565175	47.372	ug/l	98
18) Methyl Acetate	4.856	43	264517	49.558	ug/l	96
19) Methyl tert-butyl Ether	5.621	73	817791	50.012	ug/l	99
20) Methylene Chloride	5.092	84	253180	44.655	ug/l	91
21) trans-1,2-Dichloroethene	5.594	96	237966	49.412	ug/l	92
22) Diisopropyl ether	6.500	45	868725	56.071	ug/l	97
23) Vinyl Acetate	6.436	43	3730235	286.624	ug/l	96
24) 1,1-Dichloroethane	6.385	63	456065	51.270	ug/l	99
25) 2-Butanone	7.340	43	873430	278.884	ug/l	94
26) 2,2-Dichloropropane	7.327	77	415541	50.662	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	297598	50.758	ug/l	88
28) Bromochloromethane	7.659	49	216432	51.327	ug/l #	82
29) Tetrahydrofuran	7.689	42	589749	282.752	ug/l	93
30) Chloroform	7.820	83	523536	53.219	ug/l	99
31) Cyclohexane	8.096	56	442239	49.763	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	479815	53.897	ug/l	98
36) 1,1-Dichloropropene	8.222	75	388992	52.864	ug/l	96
37) Ethyl Acetate	7.415	43	366344	54.016	ug/l	97
38) Carbon Tetrachloride	8.206	117	406176	52.097	ug/l	99
39) Methylcyclohexane	9.461	83	437013	49.884	ug/l	92
40) Benzene	8.464	78	1190809	53.464	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	177423	52.658	ug/l	89
42) 1,2-Dichloroethane	8.531	62	429433	55.167	ug/l	96
43) Isopropyl Acetate	8.566	43	664414	56.855	ug/l	97
44) Trichloroethene	9.217	130	295934	51.583	ug/l	87
45) 1,2-Dichloropropane	9.494	63	288557	51.916	ug/l	98
46) Dibromomethane	9.579	93	215225	54.113	ug/l	95
47) Bromodichloromethane	9.764	83	421312	53.791	ug/l	97
48) Methyl methacrylate	9.563	41	286509	55.833	ug/l	91
49) 1,4-Dioxane	9.571	88	102797	1055.603	ug/l	86
51) 4-Methyl-2-Pentanone	10.336	43	2078426	292.719	ug/l	96
52) Toluene	10.507	92	817320	55.855	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	468955	56.172	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	480044	54.146	ug/l	93
55) 1,1,2-Trichloroethane	10.902	97	303599	53.629	ug/l	97
56) Ethyl methacrylate	10.765	69	483741	56.017	ug/l	92
57) 1,3-Dichloropropane	11.049	76	507422	54.950	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	482283	284.451	ug/l	93
59) 2-Hexanone	11.089	43	1484513	295.508	ug/l	95
60) Dibromochloromethane	11.242	129	332479	55.519	ug/l	99
61) 1,2-Dibromoethane	11.350	107	323550	55.542	ug/l	99
64) Tetrachloroethene	10.979	164	291186	52.353	ug/l	96
65) Chlorobenzene	11.773	112	840583	51.270	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.846	131	317610	54.092	ug/l	99
67) Ethyl Benzene	11.848	91	1606660	53.985	ug/l	97
68) m/p-Xylenes	11.956	106	1275602	110.928	ug/l	87
69) o-Xylene	12.286	106	621501	54.734	ug/l	89
70) Styrene	12.299	104	1061448	57.761	ug/l	93
71) Bromoform	12.463	173	237278	57.526	ug/l #	100
73) Isopropylbenzene	12.583	105	1643839	48.531	ug/l	98
74) N-amyl acetate	12.390	43	577975	51.506	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	450155	46.966	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	381501m	47.798	ug/l	
77) Bromobenzene	12.865	156	361106	48.241	ug/l	76
78) n-propylbenzene	12.924	91	1869343	49.439	ug/l	95
79) 2-Chlorotoluene	13.010	91	1123897	48.564	ug/l	89
80) 1,3,5-Trimethylbenzene	13.063	105	1388342	49.985	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	131205	47.392	ug/l	95
82) 4-Chlorotoluene	13.109	91	1128377	49.834	ug/l	91
83) tert-Butylbenzene	13.326	119	1149556	47.910	ug/l	89
84) 1,2,4-Trimethylbenzene	13.372	105	1368478	50.065	ug/l	94
85) sec-Butylbenzene	13.506	105	1585498	48.144	ug/l	96
86) p-Isopropyltoluene	13.618	119	1300408	49.212	ug/l	94
87) 1,3-Dichlorobenzene	13.618	146	699282	50.249	ug/l	95
88) 1,4-Dichlorobenzene	13.699	146	693918	50.299	ug/l	95
89) n-Butylbenzene	13.946	91	1072581	48.915	ug/l	98
90) Hexachloroethane	14.214	117	222098	48.000	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	683879	51.470	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.608	75	82091	49.040	ug/l	71
93) 1,2,4-Trichlorobenzene	15.265	180	266938	46.787	ug/l	99
94) Hexachlorobutadiene	15.372	225	121980	48.611	ug/l	99
95) Naphthalene	15.509	128	830094	46.188	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	254734	45.690	ug/l	98

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

