

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
 Data File : VN069124.D
 Acq On : 22 Oct 2021 7:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/22/2021 7:09:37 PM

Quant Time: Oct 22 07:50:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	419344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	746374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	703262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	301323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	267422	48.368	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.740%		
35) Dibromofluoromethane	8.024	113	210086	48.379	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.760%		
50) Toluene-d8	10.443	98	826317	47.558	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.120%		
62) 4-Bromofluorobenzene	12.733	95	321718	49.077	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	218666	42.077	ug/l	100
3) Chloromethane	2.301	50	230576	44.986	ug/l	100
4) Vinyl Chloride	2.443	62	256906	49.348	ug/l	100
5) Bromomethane	2.829	94	138966	48.529	ug/l	99
6) Chloroethane	3.001	64	158333	51.606	ug/l	99
7) Trichlorofluoromethane	3.368	101	349340	47.921	ug/l	99
8) Diethyl Ether	3.827	74	136521	50.207	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.213	101	185842	47.411	ug/l	98
10) Methyl Iodide	4.425	142	257846	45.322	ug/l	99
11) Tert butyl alcohol	5.369	59	227944	225.625	ug/l	100
12) 1,1-Dichloroethene	4.186	96	187738	46.333	ug/l	98
13) Acrolein	4.044	56	131117	293.380	ug/l	96
14) Allyl chloride	4.843	41	312695	43.049	ug/l	99
15) Acrylonitrile	5.554	53	565691	249.891	ug/l	99
16) Acetone	4.288	43	472615	229.060	ug/l	99
17) Carbon Disulfide	4.532	76	444551	40.426	ug/l	99
18) Methyl Acetate	4.857	43	398893	50.970	ug/l	96
19) Methyl tert-butyl Ether	5.618	73	754547	50.011	ug/l	100
20) Methylene Chloride	5.098	84	229173	48.258	ug/l	96
21) trans-1,2-Dichloroethene	5.602	96	197774	45.179	ug/l	98
22) Diisopropyl ether	6.498	45	712990	47.201	ug/l	96
23) Vinyl Acetate	6.436	43	2652042	232.238	ug/l	98
24) 1,1-Dichloroethane	6.391	63	393173	47.906	ug/l	99
25) 2-Butanone	7.335	43	764667	245.083	ug/l	97
26) 2,2-Dichloropropane	7.327	77	222941	28.504	ug/l	97
27) cis-1,2-Dichloroethene	7.329	96	242815	45.886	ug/l	96
28) Bromochloromethane	7.659	49	182748	49.163	ug/l	96
29) Tetrahydrofuran	7.686	42	488305	241.283	ug/l	96
30) Chloroform	7.820	83	414797	47.957	ug/l	97
31) Cyclohexane	8.099	56	340817	39.646	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	377759	46.851	ug/l	99
36) 1,1-Dichloropropene	8.225	75	290051	45.497	ug/l	99
37) Ethyl Acetate	7.415	43	307609	46.719	ug/l	98
38) Carbon Tetrachloride	8.209	117	314420	44.906	ug/l	100
39) Methylcyclohexane	9.461	83	343677	41.884	ug/l	97
40) Benzene	8.461	78	899507	46.336	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	153490	46.245	ug/l	94
42) 1,2-Dichloroethane	8.531	62	328462	47.781	ug/l	100
43) Isopropyl Acetate	8.563	43	562471	48.417	ug/l	99
44) Trichloroethene	9.217	130	221670	45.625	ug/l	99
45) 1,2-Dichloropropane	9.491	63	233862	46.425	ug/l	99
46) Dibromomethane	9.577	93	160857	46.780	ug/l	99
47) Bromodichloromethane	9.765	83	324208	45.499	ug/l	98
48) Methyl methacrylate	9.561	41	236208	43.273	ug/l	91
49) 1,4-Dioxane	9.569	88	91576	865.733	ug/l	95
51) 4-Methyl-2-Pentanone	10.333	43	1616552	239.980	ug/l	98
52) Toluene	10.507	92	629834	50.428	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	346779	42.963	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	364177	43.365	ug/l	97
55) 1,1,2-Trichloroethane	10.902	97	232181	47.150	ug/l	98
56) Ethyl methacrylate	10.762	69	398039	48.143	ug/l	94
57) 1,3-Dichloropropane	11.047	76	393917	48.513	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	702616	285.974	ug/l	99
59) 2-Hexanone	11.087	43	1201164	248.650	ug/l	98
60) Dibromochloromethane	11.240	129	251040	45.165	ug/l	99
61) 1,2-Dibromoethane	11.347	107	244353	48.378	ug/l	99
64) Tetrachloroethene	10.979	164	186473	41.161	ug/l	98
65) Chlorobenzene	11.773	112	635702	47.769	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	237812	45.657	ug/l	99
67) Ethyl Benzene	11.846	91	1159464	46.904	ug/l	100
68) m/p-Xylenes	11.956	106	874126	93.281	ug/l	100
69) o-Xylene	12.283	106	439097	46.813	ug/l	99
70) Styrene	12.296	104	733140	48.016	ug/l	100
71) Bromoform	12.460	173	187250	44.877	ug/l #	99
73) Isopropylbenzene	12.581	105	1136917	45.330	ug/l	99
74) N-amyl acetate	12.390	43	472782	49.756	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	360673	49.761	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	298304m	46.528	ug/l	
77) Bromobenzene	12.862	156	267903	48.306	ug/l	98
78) n-propylbenzene	12.924	91	1265201	44.888	ug/l	99
79) 2-Chlorotoluene	13.010	91	791351	45.552	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	935822	44.796	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	102740	38.338	ug/l	99
82) 4-Chlorotoluene	13.106	91	771103	45.933	ug/l	99
83) tert-Butylbenzene	13.326	119	832464	45.777	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	963271	47.857	ug/l	99
85) sec-Butylbenzene	13.503	105	1144788	45.454	ug/l	100
86) p-Isopropyltoluene	13.619	119	925750	45.827	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	445179	46.406	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	433716	45.553	ug/l	99
89) n-Butylbenzene	13.943	91	746222	44.372	ug/l	99
90) Hexachloroethane	14.214	117	182107	42.914	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	428793	46.014	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.605	75	67170	48.066	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	223695	44.503	ug/l	99
94) Hexachlorobutadiene	15.373	225	104229	39.280	ug/l	98
95) Naphthalene	15.507	128	845667	59.676	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	222691	46.435	ug/l	99

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

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