

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100121\
 Data File : VN068798.D
 Acq On : 1 Oct 2021 21:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda

10/4/2021 5:51:25 PM

Quant Time: Oct 02 04:05:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	419388	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	721914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	653164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	294388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	304075	52.037	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.080%			
35) Dibromofluoromethane	8.024	113	245583	54.751	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.500%			
50) Toluene-d8	10.443	98	862401	52.616	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.240%			
62) 4-Bromofluorobenzene	12.731	95	293523	51.537	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.080%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	219123	47.706	ug/l	98
3) Chloromethane	2.303	50	204938	49.590	ug/l	97
4) Vinyl Chloride	2.445	62	410897	43.666	ug/l	96
5) Bromomethane	2.845	94	338366	50.380	ug/l	95
6) Chloroethane	3.014	64	343032	51.790	ug/l	96
7) Trichlorofluoromethane	3.373	101	381681	54.495	ug/l	100
8) Diethyl Ether	3.827	74	130830	51.139	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.215	101	218864	47.588	ug/l	94
10) Methyl Iodide	4.425	142	226249	53.696	ug/l	# 90
11) Tert butyl alcohol	5.366	59	200295	255.639	ug/l	# 83
12) 1,1-Dichloroethene	4.186	96	186211	47.254	ug/l	85
13) Acrolein	4.044	56	34126	288.041	ug/l	100
14) Allyl chloride	4.846	41	307328	50.019	ug/l	# 88
15) Acrylonitrile	5.548	53	565425	256.555	ug/l	98
16) Acetone	4.283	43	464337	237.065	ug/l	95
17) Carbon Disulfide	4.535	76	366890	48.044	ug/l	100
18) Methyl Acetate	4.854	43	356353	50.579	ug/l	92
19) Methyl tert-butyl Ether	5.615	73	824680	52.720	ug/l	100
20) Methylene Chloride	5.101	84	239075	47.123	ug/l	88
21) trans-1,2-Dichloroethene	5.602	96	212383	47.958	ug/l	86
22) Diisopropyl ether	6.495	45	790346	54.389	ug/l	# 94
23) Vinyl Acetate	6.436	43	3109884	270.808	ug/l	# 95
24) 1,1-Dichloroethane	6.388	63	444642	50.543	ug/l	98
25) 2-Butanone	7.332	43	804692	245.332	ug/l	92
26) 2,2-Dichloropropane	7.329	77	389841	46.882	ug/l	93
27) cis-1,2-Dichloroethene	7.327	96	283932	49.843	ug/l	85
28) Bromochloromethane	7.659	49	195211	48.868	ug/l	# 74
29) Tetrahydrofuran	7.683	42	527722	260.520	ug/l	89
30) Chloroform	7.820	83	536075	51.774	ug/l	98
31) Cyclohexane	8.096	56	338881	50.315	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	484190	52.497	ug/l	98
36) 1,1-Dichloropropene	8.225	75	341929	50.360	ug/l	95
37) Ethyl Acetate	7.412	43	339374	52.677	ug/l	100
38) Carbon Tetrachloride	8.209	117	420144	52.092	ug/l	97
39) Methylcyclohexane	9.461	83	374523	47.592	ug/l	91
40) Benzene	8.461	78	1049095	50.752	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	173562	56.659	ug/l	90
42) 1,2-Dichloroethane	8.531	62	420866	51.859	ug/l	96
43) Isopropyl Acetate	8.560	43	615030	51.892	ug/l	96
44) Trichloroethene	9.217	130	272950	49.462	ug/l	88
45) 1,2-Dichloropropane	9.491	63	274539	51.472	ug/l	96
46) Dibromomethane	9.579	93	208338	50.916	ug/l	94
47) Bromodichloromethane	9.762	83	437500	53.171	ug/l	98
48) Methyl methacrylate	9.561	41	280952	56.470	ug/l	91
49) 1,4-Dioxane	9.569	88	87736	1091.624	ug/l	85
51) 4-Methyl-2-Pentanone	10.330	43	1882945	262.756	ug/l	97
52) Toluene	10.507	92	685033	49.739	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	434151	52.122	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	447572	51.066	ug/l	93
55) 1,1,2-Trichloroethane	10.902	97	296491	50.632	ug/l	96
56) Ethyl methacrylate	10.762	69	425283	46.934	ug/l	94
57) 1,3-Dichloropropane	11.046	76	471225	51.389	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	420319	231.703	ug/l	90
59) 2-Hexanone	11.087	43	1268594	256.935	ug/l	95
60) Dibromochloromethane	11.240	129	336990	54.558	ug/l	100
61) 1,2-Dibromoethane	11.347	107	293545	51.109	ug/l	99
64) Tetrachloroethene	10.979	164	236266	48.459	ug/l	95
65) Chlorobenzene	11.771	112	733360	49.251	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	311205	54.082	ug/l	99
67) Ethyl Benzene	11.846	91	1346042	51.362	ug/l	97
68) m/p-Xylenes	11.956	106	995727	102.521	ug/l	88
69) o-Xylene	12.283	106	496980	51.792	ug/l	87
70) Styrene	12.296	104	829339	54.353	ug/l	93
71) Bromoform	12.460	173	220716	54.334	ug/l #	100
73) Isopropylbenzene	12.581	105	1338220	50.796	ug/l	98
74) N-amyl acetate	12.387	43	469895	55.480	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	400450	50.032	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	340546m	52.017	ug/l	
77) Bromobenzene	12.862	156	296934	49.823	ug/l	75
78) n-propylbenzene	12.921	91	1504058	50.509	ug/l	96
79) 2-Chlorotoluene	13.007	91	892308	51.877	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	1096515	52.415	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.626	75	116292	51.637	ug/l	95
82) 4-Chlorotoluene	13.106	91	866891	50.148	ug/l	91
83) tert-Butylbenzene	13.323	119	981696	53.170	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	1092219	53.201	ug/l	95
85) sec-Butylbenzene	13.503	105	1364599	51.187	ug/l	96
86) p-Isopropyltoluene	13.616	119	1116657	52.733	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	550594	49.540	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	539505	48.772	ug/l	95
89) n-Butylbenzene	13.943	91	930686	49.720	ug/l	97
90) Hexachloroethane	14.211	117	218536	50.734	ug/l	99
91) 1,2-Dichlorobenzene	13.989	146	546165	51.037	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	72190	52.161	ug/l	70
93) 1,2,4-Trichlorobenzene	15.265	180	248352	51.149	ug/l	99
94) Hexachlorobutadiene	15.370	225	126751	46.314	ug/l	99
95) Naphthalene	15.507	128	695442	50.110	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	242713	52.125	ug/l	99

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

