

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101421\
 Data File : VN068939.D
 Acq On : 14 Oct 2021 21:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/18/2021 5:53:20 PM

Quant Time: Oct 14 22:52:37 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	328489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	579512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	540768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	242155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	223536	51.613	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.220%			
35) Dibromofluoromethane	8.024	113	179827	53.335	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.660%			
50) Toluene-d8	10.443	98	711872	52.768	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.540%			
62) 4-Bromofluorobenzene	12.733	95	270092	53.065	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	175484	43.077	ug/l	99
3) Chloromethane	2.303	50	193509	48.196	ug/l	100
4) Vinyl Chloride	2.445	62	223612	54.832	ug/l	99
5) Bromomethane	2.842	94	129453	57.710	ug/l	99
6) Chloroethane	3.011	64	136128	56.641	ug/l	100
7) Trichlorofluoromethane	3.373	101	283987	49.731	ug/l	100
8) Diethyl Ether	3.827	74	105911	49.722	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.215	101	149073	48.549	ug/l	97
10) Methyl Iodide	4.427	142	213992	48.017	ug/l	99
11) Tert butyl alcohol	5.366	59	162560	205.410	ug/l	100
12) 1,1-Dichloroethene	4.186	96	151581	47.756	ug/l	98
13) Acrolein	4.046	56	57309	163.698	ug/l	98
14) Allyl chloride	4.843	41	268079	47.114	ug/l	99
15) Acrylonitrile	5.554	53	429437	242.170	ug/l	98
16) Acetone	4.285	43	332201	205.538	ug/l	99
17) Carbon Disulfide	4.535	76	407814	47.342	ug/l	99
18) Methyl Acetate	4.854	43	321165	52.388	ug/l	99
19) Methyl tert-butyl Ether	5.621	73	598132	50.609	ug/l	99
20) Methylene Chloride	5.103	84	180711	48.578	ug/l	96
21) trans-1,2-Dichloroethene	5.599	96	167257	48.776	ug/l	95
22) Diisopropyl ether	6.498	45	596611	50.421	ug/l	98
23) Vinyl Acetate	6.436	43	2187689	244.561	ug/l	100
24) 1,1-Dichloroethane	6.391	63	320739	49.889	ug/l	99
25) 2-Butanone	7.335	43	584427	239.123	ug/l	98
26) 2,2-Dichloropropane	7.329	77	252898	41.277	ug/l	99
27) cis-1,2-Dichloroethene	7.329	96	204304	49.287	ug/l	96
28) Bromochloromethane	7.659	49	144700	49.694	ug/l	95
29) Tetrahydrofuran	7.683	42	397007	250.428	ug/l	97
30) Chloroform	7.820	83	348061	51.372	ug/l	97
31) Cyclohexane	8.096	56	288751	42.880	ug/l	96
32) 1,1,1-Trichloroethane	8.018	97	314830	49.846	ug/l	99
36) 1,1-Dichloropropene	8.225	75	246592	49.817	ug/l	99
37) Ethyl Acetate	7.412	43	248584	48.625	ug/l	99
38) Carbon Tetrachloride	8.209	117	269906	49.648	ug/l	100
39) Methylcyclohexane	9.461	83	291403	45.739	ug/l	98
40) Benzene	8.461	78	767823	50.941	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	125216	48.589	ug/l	95
42) 1,2-Dichloroethane	8.533	62	271396	50.847	ug/l	100
43) Isopropyl Acetate	8.560	43	458358	50.815	ug/l	99
44) Trichloroethene	9.217	130	189784	50.309	ug/l	99
45) 1,2-Dichloropropane	9.491	63	194877	49.825	ug/l	99
46) Dibromomethane	9.579	93	137614	51.544	ug/l	98
47) Bromodichloromethane	9.764	83	280181	50.642	ug/l	100
48) Methyl methacrylate	9.561	41	207485	48.956	ug/l	97
49) 1,4-Dioxane	9.569	88	65103	795.686	ug/l	96
51) 4-Methyl-2-Pentanone	10.333	43	1330768	254.438	ug/l	99
52) Toluene	10.507	92	506511	52.231	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	309144	49.329	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	320215	49.109	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	199768	52.249	ug/l	98
56) Ethyl methacrylate	10.762	69	325988	50.781	ug/l	98
57) 1,3-Dichloropropane	11.046	76	328565	52.116	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	457901	243.048	ug/l	98
59) 2-Hexanone	11.087	43	955706	254.803	ug/l	100
60) Dibromochloromethane	11.240	129	225552	52.264	ug/l	98
61) 1,2-Dibromoethane	11.347	107	206835	52.741	ug/l	99
64) Tetrachloroethene	10.979	164	171260	49.162	ug/l	98
65) Chlorobenzene	11.773	112	527084	51.508	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	207102	51.709	ug/l	100
67) Ethyl Benzene	11.846	91	982235	51.675	ug/l	100
68) m/p-Xylenes	11.956	106	744440	103.313	ug/l	99
69) o-Xylene	12.283	106	370129	51.317	ug/l	100
70) Styrene	12.296	104	628436	53.526	ug/l	99
71) Bromoform	12.460	173	169035	52.685	ug/l #	100
73) Isopropylbenzene	12.580	105	966836	47.968	ug/l	100
74) N-amyl acetate	12.390	43	380640	49.846	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	294012	50.476	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	269108m	52.230	ug/l	
77) Bromobenzene	12.862	156	227487	51.041	ug/l	96
78) n-propylbenzene	12.924	91	1092988	48.254	ug/l	100
79) 2-Chlorotoluene	13.010	91	677498	48.527	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	805206	47.962	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	96272	44.703	ug/l	99
82) 4-Chlorotoluene	13.106	91	666740	49.421	ug/l	100
83) tert-Butylbenzene	13.326	119	698482	47.794	ug/l	100
84) 1,2,4-Trimethylbenzene	13.372	105	789535	48.810	ug/l	100
85) sec-Butylbenzene	13.503	105	977282	48.285	ug/l	100
86) p-Isopropyltoluene	13.618	119	789487	48.630	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	392492	50.911	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	388543	50.780	ug/l	99
89) n-Butylbenzene	13.946	91	653740	48.371	ug/l	100
90) Hexachloroethane	14.214	117	157573	46.206	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	384172	51.298	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.605	75	54822	48.815	ug/l	94
93) 1,2,4-Trichlorobenzene	15.265	180	179747	44.498	ug/l	99
94) Hexachlorobutadiene	15.372	225	97464	45.705	ug/l	99
95) Naphthalene	15.507	128	530609	47.428	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	174102	45.242	ug/l	98

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

