

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090921\
 Data File : VN068437.D
 Acq On : 9 Sep 2021 12:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 12:46:54 PM

Quant Time: Sep 10 04:06:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 10 04:04:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	627629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	862722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	813033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	433434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	291888	50.699	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.400%			
35) Dibromofluoromethane	8.024	113	285453	54.860	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.720%			
50) Toluene-d8	10.443	98	1059837	56.073	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 112.140%			
62) 4-Bromofluorobenzene	12.733	95	354933	58.686	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 117.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	258478	50.440	ug/l	98
3) Chloromethane	2.303	50	236838	46.086	ug/l	97
4) Vinyl Chloride	2.445	62	356953	45.932	ug/l	100
5) Bromomethane	2.845	94	342996	45.394	ug/l	100
6) Chloroethane	3.014	64	255888	44.724	ug/l	97
7) Trichlorofluoromethane	3.371	101	453249	46.503	ug/l	99
8) Diethyl Ether	3.827	74	151316	51.473	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.218	101	262150	48.671	ug/l	98
10) Methyl Iodide	4.427	142	414261	53.926	ug/l	99
11) Tert butyl alcohol	5.371	59	215342	271.175	ug/l	98
12) 1,1-Dichloroethene	4.183	96	239397	48.549	ug/l	97
13) Acrolein	4.044	56	110162	257.681	ug/l	99
14) Allyl chloride	4.846	41	310400	49.557	ug/l	99
15) Acrylonitrile	5.557	53	546245	248.823	ug/l	98
16) Acetone	4.288	43	504913	265.023	ug/l	98
17) Carbon Disulfide	4.535	76	621541	46.942	ug/l	99
18) Methyl Acetate	4.857	43	249751	49.873	ug/l	99
19) Methyl tert-butyl Ether	5.618	73	846313	51.222	ug/l	99
20) Methylene Chloride	5.098	84	281823	52.536	ug/l	99
21) trans-1,2-Dichloroethene	5.602	96	265982	47.248	ug/l	100
22) Diisopropyl ether	6.498	45	702771	51.819	ug/l	98
23) Vinyl Acetate	6.434	43	2721344	268.483	ug/l	99
24) 1,1-Dichloroethane	6.391	63	441814	48.078	ug/l	99
25) 2-Butanone	7.335	43	721566	257.918	ug/l	99
26) 2,2-Dichloropropane	7.329	77	427496	50.387	ug/l	99
27) cis-1,2-Dichloroethene	7.329	96	329904	49.895	ug/l	100
28) Bromochloromethane	7.662	49	187019	52.298	ug/l	99
29) Tetrahydrofuran	7.683	42	460993	252.409	ug/l	99
30) Chloroform	7.820	83	533315	49.056	ug/l	100
31) Cyclohexane	8.096	56	402017	46.079	ug/l	100
32) 1,1,1-Trichloroethane	8.019	97	504489	50.019	ug/l	99
36) 1,1-Dichloropropene	8.222	75	375360	52.187	ug/l	99
37) Ethyl Acetate	7.412	43	295998	54.101	ug/l	99
38) Carbon Tetrachloride	8.209	117	467913	54.303	ug/l	98
39) Methylcyclohexane	9.461	83	506479	55.658	ug/l	99
40) Benzene	8.461	78	1146144	53.834	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	140308	52.112	ug/l	97
42) 1,2-Dichloroethane	8.531	62	385458	52.254	ug/l	100
43) Isopropyl Acetate	8.560	43	516324	53.489	ug/l	99
44) Trichloroethene	9.217	130	364380	54.055	ug/l	99
45) 1,2-Dichloropropane	9.491	63	271858	53.486	ug/l	99
46) Dibromomethane	9.577	93	224722	54.924	ug/l	96
47) Bromodichloromethane	9.765	83	427927	55.120	ug/l	99
48) Methyl methacrylate	9.561	41	214656	53.252	ug/l	90
49) 1,4-Dioxane	9.571	88	103958	1124.259	ug/l	98
51) 4-Methyl-2-Pentanone	10.333	43	1527958	277.290	ug/l	100
52) Toluene	10.507	92	796591	56.391	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	444494	59.761	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	479067	58.778	ug/l	98
55) 1,1,2-Trichloroethane	10.902	97	319002	56.905	ug/l	98
56) Ethyl methacrylate	10.762	69	419070	60.189	ug/l	99
57) 1,3-Dichloropropane	11.047	76	482895	55.895	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	290117	372.544	ug/l	100
59) 2-Hexanone	11.087	43	1060151	287.280	ug/l	100
60) Dibromochloromethane	11.240	129	404835	61.360	ug/l	100
61) 1,2-Dibromoethane	11.347	107	345036	58.052	ug/l	99
64) Tetrachloroethene	10.979	164	392711	54.498	ug/l	100
65) Chlorobenzene	11.773	112	914747	54.762	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	374444	57.021	ug/l	99
67) Ethyl Benzene	11.848	91	1530538	55.989	ug/l	100
68) m/p-Xylenes	11.956	106	1275590	115.885	ug/l	100
69) o-Xylene	12.283	106	625833	58.352	ug/l	100
70) Styrene	12.296	104	997201	61.345	ug/l	100
71) Bromoform	12.460	173	327198	64.992	ug/l #	99
73) Isopropylbenzene	12.583	105	1585293	51.417	ug/l	99
74) N-amyl acetate	12.390	43	367226	53.401	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.830	83	423432	48.989	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	352960m	51.588	ug/l	
77) Bromobenzene	12.862	156	461338	54.095	ug/l	98
78) n-propylbenzene	12.924	91	1697558	52.143	ug/l	99
79) 2-Chlorotoluene	13.010	91	1012720	50.458	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	1324868	52.895	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	117159	59.905	ug/l	98
82) 4-Chlorotoluene	13.109	91	989894	51.144	ug/l	100
83) tert-Butylbenzene	13.326	119	1228106	53.702	ug/l	100
84) 1,2,4-Trimethylbenzene	13.372	105	1293316	53.839	ug/l	99
85) sec-Butylbenzene	13.506	105	1605080	53.230	ug/l	100
86) p-Isopropyltoluene	13.619	119	1408472	55.338	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	808680	54.652	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	784988	53.825	ug/l	99
89) n-Butylbenzene	13.946	91	986980	53.234	ug/l	100
90) Hexachloroethane	14.214	117	248203	55.556	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	771199	54.031	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.605	75	69800	50.876	ug/l	97
93) 1,2,4-Trichlorobenzene	15.268	180	384056	58.919	ug/l	100
94) Hexachlorobutadiene	15.373	225	242794	57.637	ug/l	100
95) Naphthalene	15.509	128	781692	45.868	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	351689	56.512	ug/l	99

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

