

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101421\
 Data File : VN068916.D
 Acq On : 14 Oct 2021 10:47
 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
 10/18/2021 5:53:14 PM

Quant Time: Oct 14 22:41:35 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	8.086	168	359854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	599879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	575725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	265129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	232128	48.925	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.860%		
35) Dibromofluoromethane	8.024	113	182468	52.281	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.560%		
50) Toluene-d8	10.443	98	726078	51.994	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.980%		
62) 4-Bromofluorobenzene	12.731	95	284271	53.955	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.900%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	192250	43.079	ug/l	99
3) Chloromethane	2.303	50	201487	45.809	ug/l	99
4) Vinyl Chloride	2.446	62	217767	48.745	ug/l	98
5) Bromomethane	2.845	94	137388	55.909	ug/l	99
6) Chloroethane	3.014	64	133248	50.610	ug/l	100
7) Trichlorofluoromethane	3.376	101	299791	47.923	ug/l	99
8) Diethyl Ether	3.827	74	111056	47.593	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.216	101	165941	49.332	ug/l	97
10) Methyl Iodide	4.427	142	224884	46.063	ug/l	100
11) Tert butyl alcohol	5.363	59	179996	207.619	ug/l	99
12) 1,1-Dichloroethene	4.186	96	157504	45.297	ug/l	96
13) Acrolein	4.044	56	66995	174.686	ug/l	97
14) Allyl chloride	4.846	41	285441	45.793	ug/l	98
15) Acrylonitrile	5.551	53	447053	230.131	ug/l	99
16) Acetone	4.283	43	466960	263.734	ug/l	98
17) Carbon Disulfide	4.535	76	427226	45.273	ug/l	100
18) Methyl Acetate	4.854	43	304800	45.385	ug/l	98
19) Methyl tert-butyl Ether	5.613	73	633360	48.919	ug/l	99
20) Methylene Chloride	5.101	84	189186	46.423	ug/l	98
21) trans-1,2-Dichloroethene	5.599	96	175476	46.712	ug/l	97
22) Diisopropyl ether	6.495	45	634467	48.946	ug/l	99
23) Vinyl Acetate	6.434	43	2379755	242.845	ug/l	99
24) 1,1-Dichloroethane	6.388	63	331528	47.073	ug/l	100
25) 2-Butanone	7.332	43	666146	248.803	ug/l	98
26) 2,2-Dichloropropane	7.327	77	323596	48.213	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	215446	47.445	ug/l	98
28) Bromochloromethane	7.659	49	146032	45.780	ug/l	96
29) Tetrahydrofuran	7.683	42	405740	233.629	ug/l	97
30) Chloroform	7.820	83	366506	49.379	ug/l	98
31) Cyclohexane	8.096	56	315346	42.747	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	331763	47.948	ug/l	99
36) 1,1-Dichloropropene	8.222	75	264039	51.531	ug/l	99
37) Ethyl Acetate	7.410	43	256607	48.490	ug/l	99
38) Carbon Tetrachloride	8.209	117	288444	51.257	ug/l	100
39) Methylcyclohexane	9.462	83	323692	49.082	ug/l	98
40) Benzene	8.461	78	798353	51.168	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	127502	47.797	ug/l	94
42) 1,2-Dichloroethane	8.531	62	288668	52.247	ug/l	99
43) Isopropyl Acetate	8.560	43	464868	49.787	ug/l	99
44) Trichloroethene	9.217	130	204451	52.357	ug/l	99
45) 1,2-Dichloropropane	9.491	63	205222	50.689	ug/l	96
46) Dibromomethane	9.577	93	146765	53.106	ug/l	98
47) Bromodichloromethane	9.762	83	298320	52.090	ug/l	98
48) Methyl methacrylate	9.558	41	199372	45.444	ug/l	93
49) 1,4-Dioxane	9.569	88	74918	880.576	ug/l	98
51) 4-Methyl-2-Pentanone	10.330	43	1353168	249.937	ug/l	100
52) Toluene	10.508	92	529969	52.795	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	342930	52.862	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	349995	51.854	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	209085	52.829	ug/l	99
56) Ethyl methacrylate	10.762	69	346377	52.126	ug/l	98
57) 1,3-Dichloropropane	11.044	76	346837	53.146	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	413984	214.652	ug/l	99
59) 2-Hexanone	11.084	43	1011704	260.575	ug/l	99
60) Dibromochloromethane	11.240	129	242879	54.368	ug/l	98
61) 1,2-Dibromoethane	11.347	107	218856	53.912	ug/l	99
64) Tetrachloroethene	10.980	164	190608	51.394	ug/l	99
65) Chlorobenzene	11.771	112	564581	51.823	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	219466	51.469	ug/l	99
67) Ethyl Benzene	11.846	91	1053101	52.039	ug/l	99
68) m/p-Xylenes	11.953	106	810861	105.698	ug/l	99
69) o-Xylene	12.283	106	402262	52.386	ug/l	98
70) Styrene	12.296	104	671932	53.756	ug/l	100
71) Bromoform	12.460	173	182428	53.407	ug/l #	100
73) Isopropylbenzene	12.581	105	1047494	47.467	ug/l	100
74) N-amyl acetate	12.388	43	398113	47.617	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.827	83	305731	47.939	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	270366m	47.927	ug/l	
77) Bromobenzene	12.862	156	245741	50.359	ug/l	95
78) n-propylbenzene	12.921	91	1194461	48.164	ug/l	100
79) 2-Chlorotoluene	13.010	91	732056	47.891	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	877531	47.741	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	107207	45.467	ug/l	99
82) 4-Chlorotoluene	13.106	91	731658	49.533	ug/l	99
83) tert-Butylbenzene	13.326	119	748386	46.771	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	864675	48.823	ug/l	99
85) sec-Butylbenzene	13.503	105	1041699	47.008	ug/l	100
86) p-Isopropyltoluene	13.616	119	856876	48.208	ug/l	99
87) 1,3-Dichlorobenzene	13.616	146	442214	52.390	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	434307	51.842	ug/l	99
89) n-Butylbenzene	13.943	91	717440	48.485	ug/l	100
90) Hexachloroethane	14.211	117	170404	45.638	ug/l	97
91) 1,2-Dichlorobenzene	13.989	146	427950	52.193	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	57261	46.569	ug/l	96
93) 1,2,4-Trichlorobenzene	15.265	180	200863	45.363	ug/l	99
94) Hexachlorobutadiene	15.373	225	103104	44.161	ug/l	99
95) Naphthalene	15.507	128	538088	44.210	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	190639	45.246	ug/l	99

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

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