

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062121\
 Data File : VN067406.D
 Acq On : 21 Jun 2021 10:25
 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
 6/22/2021 6:24:44 PM

Quant Time: Jun 22 03:08:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	307211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	627773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	563372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	226668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	310708	51.268	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.540%			
35) Dibromofluoromethane	8.024	113	195716	46.876	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 93.760%			
50) Toluene-d8	10.443	98	772656	48.283	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.560%			
62) 4-Bromofluorobenzene	12.734	95	302935	45.870	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	260278	51.759	ug/l	99
3) Chloromethane	2.301	50	257857	55.289	ug/l	99
4) Vinyl Chloride	2.443	62	249096	54.479	ug/l	97
5) Bromomethane	2.834	94	124969	64.422	ug/l	100
6) Chloroethane	3.009	64	151575	53.964	ug/l	98
7) Trichlorofluoromethane	3.365	101	350595	55.242	ug/l	99
8) Diethyl Ether	3.819	74	148219	57.414	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.200	101	218875	57.338	ug/l	97
10) Methyl Iodide	4.414	142	216694	54.592	ug/l	98
11) Tert butyl alcohol	5.390	59	261379	261.989	ug/l	99
12) 1,1-Dichloroethene	4.170	96	203999	55.367	ug/l	99
13) Acrolein	4.036	56	176663	283.683	ug/l	96
14) Allyl chloride	4.832	41	440422	53.874	ug/l	99
15) Acrylonitrile	5.554	53	664518	303.465	ug/l	99
16) Acetone	4.288	43	688048	295.846	ug/l	98
17) Carbon Disulfide	4.521	76	633361	53.222	ug/l	98
18) Methyl Acetate	4.857	43	312676	55.446	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	856261	57.895	ug/l	96
20) Methylene Chloride	5.093	84	252588	52.198	ug/l	97
21) trans-1,2-Dichloroethene	5.589	96	218713	53.565	ug/l	96
22) Diisopropyl ether	6.498	45	888739	58.895	ug/l	97
23) Vinyl Acetate	6.434	43	3924355	283.811	ug/l	100
24) 1,1-Dichloroethane	6.383	63	485044	57.298	ug/l	99
25) 2-Butanone	7.340	43	963826	290.023	ug/l	99
26) 2,2-Dichloropropane	7.327	77	446166	52.000	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	262911	54.722	ug/l	99
28) Bromochloromethane	7.657	49	216786	55.027	ug/l	93
29) Tetrahydrofuran	7.689	42	591349	282.232	ug/l	99
30) Chloroform	7.818	83	478279	53.814	ug/l	99
31) Cyclohexane	8.094	56	433393	52.605	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	417384	51.128	ug/l	97
36) 1,1-Dichloropropene	8.220	75	362914	51.566	ug/l	98
37) Ethyl Acetate	7.415	43	389199	52.197	ug/l	99
38) Carbon Tetrachloride	8.206	117	345343	45.652	ug/l	99
39) Methylcyclohexane	9.462	83	425764	57.160	ug/l	97
40) Benzene	8.461	78	1029367	52.403	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	204941	52.873	ug/l	98
42) 1,2-Dichloroethane	8.531	62	423564	51.030	ug/l	100
43) Isopropyl Acetate	8.563	43	686810	51.319	ug/l	99
44) Trichloroethene	9.218	130	224522	48.877	ug/l	99
45) 1,2-Dichloropropane	9.491	63	285821	54.555	ug/l	98
46) Dibromomethane	9.580	93	183348	51.438	ug/l	97
47) Bromodichloromethane	9.762	83	396060	49.536	ug/l	98
48) Methyl methacrylate	9.561	41	305260	50.023	ug/l	98
49) 1,4-Dioxane	9.569	88	89497	1071.564	ug/l	99
51) 4-Methyl-2-Pentanone	10.333	43	1983434	257.413	ug/l	98
52) Toluene	10.508	92	624705	50.574	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	455323	51.426	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	467557	52.250	ug/l	96
55) 1,1,2-Trichloroethane	10.902	97	242103	50.693	ug/l	98
56) Ethyl methacrylate	10.765	69	444628	51.785	ug/l	98
57) 1,3-Dichloropropane	11.047	76	451779	51.788	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	552878	221.265	ug/l	98
59) 2-Hexanone	11.087	43	1440220	255.128	ug/l	98
60) Dibromochloromethane	11.240	129	252748	48.402	ug/l	98
61) 1,2-Dibromoethane	11.347	107	246638	49.328	ug/l	98
64) Tetrachloroethene	10.980	164	197591	49.396	ug/l	99
65) Chlorobenzene	11.773	112	619525	50.536	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	222437	48.724	ug/l	98
67) Ethyl Benzene	11.849	91	1254008	51.726	ug/l	99
68) m/p-Xylenes	11.956	106	874786	101.508	ug/l	99
69) o-Xylene	12.283	106	432373	51.294	ug/l	100
70) Styrene	12.296	104	724443	51.705	ug/l	100
71) Bromoform	12.460	173	163783	46.952	ug/l #	98
73) Isopropylbenzene	12.581	105	1148122	52.788	ug/l	99
74) N-amyl acetate	12.390	43	578012	54.435	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	359188	55.394	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	303764m	51.606	ug/l	
77) Bromobenzene	12.862	156	221320	49.968	ug/l	91
78) n-propylbenzene	12.924	91	1433290	55.405	ug/l	98
79) 2-Chlorotoluene	13.010	91	851766	52.878	ug/l	99
80) 1,3,5-Trimethylbenzene	13.063	105	969725	52.927	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	127223	53.566	ug/l	98
82) 4-Chlorotoluene	13.106	91	866082	54.001	ug/l	96
83) tert-Butylbenzene	13.326	119	776100	53.198	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	957816	52.914	ug/l	100
85) sec-Butylbenzene	13.503	105	1147034	55.532	ug/l	99
86) p-Isopropyltoluene	13.619	119	904337	54.247	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	411242	51.472	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	420040	52.267	ug/l	99
89) n-Butylbenzene	13.946	91	899919	57.451	ug/l	99
90) Hexachloroethane	14.211	117	176513	54.144	ug/l	93
91) 1,2-Dichlorobenzene	13.991	146	399911	52.753	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	80535	49.682	ug/l	94
93) 1,2,4-Trichlorobenzene	15.265	180	207239	52.360	ug/l	100
94) Hexachlorobutadiene	15.375	225	107246	47.184	ug/l	99
95) Naphthalene	15.509	128	637883	46.523	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	191812	50.480	ug/l	99

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

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