

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082222\
 Data File : VN074056.D
 Acq On : 22 Aug 2022 19:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 23 04:51:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	496531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	784314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	709722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	356239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	282234	58.359	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.720%			
35) Dibromofluoromethane	7.951	113	251653	54.255	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.500%			
50) Toluene-d8	10.380	98	953460	53.076	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.160%			
62) 4-Bromofluorobenzene	12.674	95	337282	56.573	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	247912	62.968	ug/l	96
3) Chloromethane	2.269	50	309695	70.736	ug/l	99
4) Vinyl Chloride	2.404	62	346443	61.639	ug/l	98
5) Bromomethane	2.787	94	212497	60.544	ug/l	99
6) Chloroethane	2.957	64	212662	53.559	ug/l	98
7) Trichlorofluoromethane	3.310	101	435050	60.004	ug/l	97
8) Diethyl Ether	3.763	74	162102	60.229	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.134	101	229979	54.603	ug/l	96
10) Methyl Iodide	4.345	142	278667	55.110	ug/l	99
11) Tert butyl alcohol	5.292	59	357468	330.444	ug/l #	87
12) 1,1-Dichloroethene	4.110	96	230798	58.895	ug/l	95
13) Acrolein	3.981	56	154122	203.542	ug/l	100
14) Allyl chloride	4.757	41	385379	66.401	ug/l	94
15) Acrylonitrile	5.475	53	931398	352.658	ug/l	98
16) Acetone	4.222	43	760698	333.397	ug/l	97
17) Carbon Disulfide	4.457	76	621347	66.683	ug/l	99
18) Methyl Acetate	4.775	43	408494	72.794	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	810044	57.394	ug/l	99
20) Methylene Chloride	5.010	84	277780	57.695	ug/l	98
21) trans-1,2-Dichloroethene	5.516	96	250324	57.981	ug/l	97
22) Diisopropyl ether	6.416	45	802419	65.209	ug/l	98
23) Vinyl Acetate	6.351	43	3509432	332.799	ug/l	100
24) 1,1-Dichloroethane	6.304	63	473046	61.758	ug/l	99
25) 2-Butanone	7.257	43	1251713	345.988	ug/l	99
26) 2,2-Dichloropropane	7.251	77	322487	44.813	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	302234	56.739	ug/l	95
28) Bromochloromethane	7.581	49	175973	62.290	ug/l	99
29) Tetrahydrofuran	7.610	42	827072	356.382	ug/l	99
30) Chloroform	7.745	83	485693	56.707	ug/l	99
31) Cyclohexane	8.022	56	417715	61.959	ug/l	98
32) 1,1,1-Trichloroethane	7.945	97	418249	55.066	ug/l	98
36) 1,1-Dichloropropene	8.151	75	349703	54.280	ug/l	99
37) Ethyl Acetate	7.339	43	472818	60.579	ug/l	98
38) Carbon Tetrachloride	8.133	117	376229	51.091	ug/l	99
39) Methylcyclohexane	9.398	83	448529	55.562	ug/l	98
40) Benzene	8.392	78	1135627	55.850	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	226091	64.099	ug/l	94
42) 1,2-Dichloroethane	8.463	62	371724	53.168	ug/l	99
43) Isopropyl Acetate	8.498	43	662407	59.575	ug/l	99
44) Trichloroethene	9.151	130	291720	49.672	ug/l	96
45) 1,2-Dichloropropane	9.428	63	280951	57.646	ug/l	98
46) Dibromomethane	9.516	93	193973	52.349	ug/l	97
47) Bromodichloromethane	9.698	83	381453	53.861	ug/l	100
48) Methyl methacrylate	9.498	41	291782	61.329	ug/l	92
49) 1,4-Dioxane	9.504	88	175785	1242.454	ug/l	95
51) 4-Methyl-2-Pentanone	10.269	43	2322670	308.968	ug/l	99
52) Toluene	10.445	92	714984	51.279	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	403039	54.232	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	440007	54.113	ug/l	96
55) 1,1,2-Trichloroethane	10.839	97	292515	53.932	ug/l	99
56) Ethyl methacrylate	10.704	69	469438	60.684	ug/l	94
57) 1,3-Dichloropropane	10.986	76	491097	55.689	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	1037029	287.237	ug/l	99
59) 2-Hexanone	11.027	43	1831807	316.618	ug/l	98
60) Dibromochloromethane	11.180	129	319633	53.290	ug/l	100
61) 1,2-Dibromoethane	11.286	107	305676	52.692	ug/l	98
64) Tetrachloroethene	10.916	164	250262	44.676	ug/l	99
65) Chlorobenzene	11.710	112	770968	51.114	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	291234	50.989	ug/l	99
67) Ethyl Benzene	11.786	91	1361241	54.267	ug/l	99
68) m/p-Xylenes	11.892	106	1073220	105.301	ug/l	98
69) o-Xylene	12.221	106	529224	51.780	ug/l	99
70) Styrene	12.233	104	877204	54.822	ug/l	98
71) Bromoform	12.398	173	262425	51.461	ug/l	99
73) Isopropylbenzene	12.521	105	1348567	51.988	ug/l	99
74) N-amyl acetate	12.327	43	534906	54.547	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	472491	54.279	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	350333m	47.314	ug/l	
77) Bromobenzene	12.798	156	345060	49.144	ug/l	98
78) n-propylbenzene	12.863	91	1533477	55.458	ug/l	100
79) 2-Chlorotoluene	12.945	91	923549	53.597	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	1133442	53.719	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	145609	55.932	ug/l	95
82) 4-Chlorotoluene	13.045	91	890041	54.383	ug/l	98
83) tert-Butylbenzene	13.263	119	1004530	51.737	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	1129174	53.591	ug/l	100
85) sec-Butylbenzene	13.439	105	1387998	55.149	ug/l	98
86) p-Isopropyltoluene	13.557	119	1179537	55.013	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	617536	50.715	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	611914	49.587	ug/l	99
89) n-Butylbenzene	13.880	91	922552	54.323	ug/l	99
90) Hexachloroethane	14.151	117	219695	56.056	ug/l	95
91) 1,2-Dichlorobenzene	13.927	146	623289	49.569	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	112779	54.872	ug/l	91
93) 1,2,4-Trichlorobenzene	15.198	180	380951	49.778	ug/l	99
94) Hexachlorobutadiene	15.304	225	186523	46.236	ug/l	99
95) Naphthalene	15.433	128	1316883	52.781	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	394324	49.850	ug/l	99

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

