

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078063.D
 Acq On : 06 Jun 2023 11:39
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/07/2023
 Supervised By : Mahesh Dadoda 06/07/2023

Quant Time: Jun 07 01:19:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	369758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	654418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	562851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	246036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	280233	50.652	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.300%			
35) Dibromofluoromethane	8.171	113	251561	58.950	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.900%			
50) Toluene-d8	10.570	98	892517	54.337	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.680%			
62) 4-Bromofluorobenzene	12.853	95	305331	52.633	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	168197	39.970	ug/l	97
3) Chloromethane	2.371	50	190647	42.460	ug/l	95
4) Vinyl Chloride	2.524	62	245866	46.342	ug/l	98
5) Bromomethane	2.953	94	190029	48.429	ug/l	96
6) Chloroethane	3.124	64	188967	49.422	ug/l	99
7) Trichlorofluoromethane	3.506	101	369611	49.989	ug/l	94
8) Diethyl Ether	3.971	74	137914	51.093	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	210628	51.475	ug/l	96
10) Methyl Iodide	4.600	142	288922	59.207	ug/l	97
11) Tert butyl alcohol	5.524	59	179646	235.280	ug/l	99
12) 1,1-Dichloroethene	4.347	96	195117	50.171	ug/l	94
13) Acrolein	4.189	56	114735	240.443	ug/l	98
14) Allyl chloride	5.030	41	275267	48.181	ug/l	95
15) Acrylonitrile	5.730	53	512275	251.128	ug/l	99
16) Acetone	4.436	43	485126	278.711	ug/l	97
17) Carbon Disulfide	4.724	76	420714	40.149	ug/l	100
18) Methyl Acetate	5.030	43	362585	49.655	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	744900	52.917	ug/l	94
20) Methylene Chloride	5.288	84	244725	54.183	ug/l	90
21) trans-1,2-Dichloroethene	5.794	96	223154	51.082	ug/l	88
22) Diisopropyl ether	6.683	45	701258	52.367	ug/l #	93
23) Vinyl Acetate	6.612	43	2071976	249.727	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	441745	53.844	ug/l	96
25) 2-Butanone	7.488	43	685220	251.657	ug/l	89
26) 2,2-Dichloropropane	7.494	77	390621	56.043	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	285526	54.510	ug/l	92
28) Bromochloromethane	7.818	49	169347	47.729	ug/l	91
29) Tetrahydrofuran	7.841	42	415172	232.865	ug/l	86
30) Chloroform	7.971	83	488444	54.122	ug/l	95
31) Cyclohexane	8.259	56	319338	42.468	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	423258	55.163	ug/l	98
36) 1,1-Dichloropropene	8.377	75	346964	55.588	ug/l	97
37) Ethyl Acetate	7.565	43	265669	47.754	ug/l	94
38) Carbon Tetrachloride	8.371	117	373101	59.196	ug/l	99
39) Methylcyclohexane	9.606	83	340621	44.575	ug/l	93
40) Benzene	8.612	78	1023516	55.568	ug/l	100

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41) Methacrylonitrile	7.782	41	145625	49.152	ug/l	93
42) 1,2-Dichloroethane	8.677	62	358352	53.558	ug/l	98
43) Isopropyl Acetate	8.694	43	486729	53.563	ug/l	93
44) Trichloroethene	9.359	130	268605	57.593	ug/l	95
45) 1,2-Dichloropropane	9.629	63	268097	57.064	ug/l	100
46) Dibromomethane	9.712	93	185136	55.069	ug/l	94
47) Bromodichloromethane	9.894	83	383132	59.527	ug/l	95
48) Methyl methacrylate	9.688	41	224548	52.119	ug/l	89
49) 1,4-Dioxane	9.700	88	86891	1067.808	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	1422537	263.361	ug/l	93
52) Toluene	10.635	92	669859	58.417	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	403178	59.153	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	440885	58.698	ug/l	94
55) 1,1,2-Trichloroethane	11.023	97	269204	59.126	ug/l	96
56) Ethyl methacrylate	10.876	69	385922	56.060	ug/l	93
57) 1,3-Dichloropropane	11.170	76	441436	56.556	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	646366	190.853	ug/l	93
59) 2-Hexanone	11.200	43	1026975	257.049	ug/l	93
60) Dibromochloromethane	11.365	129	293035	62.344	ug/l	99
61) 1,2-Dibromoethane	11.476	107	265031	58.349	ug/l	98
64) Tetrachloroethene	11.112	164	209247	53.160	ug/l	99
65) Chlorobenzene	11.894	112	722072	59.177	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	276185	65.415	ug/l	99
67) Ethyl Benzene	11.970	91	1283109	58.679	ug/l	99
68) m/p-Xylenes	12.076	106	988365	119.290	ug/l	100
69) o-Xylene	12.400	106	484655	59.480	ug/l	98
70) Styrene	12.417	104	799156	61.739	ug/l	98
71) Bromoform	12.582	173	181756	64.713	ug/l #	100
73) Isopropylbenzene	12.700	105	1245728	58.738	ug/l	98
74) N-amyl acetate	12.500	43	382977	48.854	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	370055	56.718	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	291572m	47.321	ug/l	
77) Bromobenzene	12.982	156	280718	58.001	ug/l	98
78) n-propylbenzene	13.041	91	1402999	56.113	ug/l	99
79) 2-Chlorotoluene	13.129	91	849039	56.906	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	1026195	57.571	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	106311	55.152	ug/l	94
82) 4-Chlorotoluene	13.229	91	821683	55.352	ug/l	99
83) tert-Butylbenzene	13.441	119	877591	56.397	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	1030138	58.763	ug/l	99
85) sec-Butylbenzene	13.623	105	1159876	52.448	ug/l	100
86) p-Isopropyltoluene	13.735	119	962778	54.608	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	492242	54.995	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	484568	54.557	ug/l	99
89) n-Butylbenzene	14.064	91	780405	48.125	ug/l	98
90) Hexachloroethane	14.341	117	173486	59.899	ug/l	91
91) 1,2-Dichlorobenzene	14.111	146	493096	58.971	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	61409	48.615	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	193152	39.528	ug/l	97
94) Hexachlorobutadiene	15.505	225	93798	46.233	ug/l	98
95) Naphthalene	15.647	128	600762	35.719	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	198691	41.530	ug/l	98

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

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