

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061223\
 Data File : VN078174.D
 Acq On : 12 Jun 2023 18:19
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/13/2023
 Supervised By : Mahesh Dadoda 06/13/2023

Quant Time: Jun 13 01:36:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	414517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	760365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	679277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	278650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	286713	51.877	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.760%			
35) Dibromofluoromethane	8.171	113	242713	50.484	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.960%			
50) Toluene-d8	10.570	98	920491	49.665	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.320%			
62) 4-Bromofluorobenzene	12.853	95	295380	51.265	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	204895	43.728	ug/l	100
3) Chloromethane	2.371	50	227464	51.661	ug/l	98
4) Vinyl Chloride	2.518	62	294772	48.042	ug/l	99
5) Bromomethane	2.947	94	217984	47.010	ug/l	99
6) Chloroethane	3.118	64	221131	52.869	ug/l	97
7) Trichlorofluoromethane	3.494	101	379359	45.594	ug/l	100
8) Diethyl Ether	3.965	74	135016	46.182	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.383	101	210810	48.008	ug/l	97
10) Methyl Iodide	4.594	142	290535	46.786	ug/l	99
11) Tert butyl alcohol	5.541	59	198602	260.245	ug/l	99
12) 1,1-Dichloroethene	4.347	96	198335	43.816	ug/l	90
13) Acrolein	4.189	56	213970	254.401	ug/l	94
14) Allyl chloride	5.036	41	264280	47.829	ug/l	91
15) Acrylonitrile	5.730	53	512754	260.615	ug/l	99
16) Acetone	4.441	43	398985	250.806	ug/l	94
17) Carbon Disulfide	4.718	76	514580	44.166	ug/l	100
18) Methyl Acetate	5.036	43	364160	49.721	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	701781	48.592	ug/l	98
20) Methylene Chloride	5.288	84	243791	46.375	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	227451	46.588	ug/l	88
22) Diisopropyl ether	6.682	45	679123	52.251	ug/l	94
23) Vinyl Acetate	6.618	43	2013970	260.668	ug/l #	89
24) 1,1-Dichloroethane	6.582	63	426377	49.729	ug/l	98
25) 2-Butanone	7.494	43	649563	265.526	ug/l	88
26) 2,2-Dichloropropane	7.500	77	346643	54.755	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	272874	46.857	ug/l	93
28) Bromochloromethane	7.818	49	181649	46.142	ug/l	89
29) Tetrahydrofuran	7.847	42	416771	254.846	ug/l	87
30) Chloroform	7.977	83	467123	50.594	ug/l	92
31) Cyclohexane	8.265	56	342896	48.366	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	411170	50.726	ug/l	95
36) 1,1-Dichloropropene	8.377	75	341963	49.588	ug/l	97
37) Ethyl Acetate	7.571	43	279306	51.846	ug/l	94
38) Carbon Tetrachloride	8.371	117	362404	49.770	ug/l	97
39) Methylcyclohexane	9.606	83	338498	47.365	ug/l	93
40) Benzene	8.612	78	1018913	49.491	ug/l	98

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41) Methacrylonitrile	7.788	41	143565	49.166	ug/l	92
42) 1,2-Dichloroethane	8.676	62	357245	50.609	ug/l	97
43) Isopropyl Acetate	8.700	43	531082	51.547	ug/l #	90
44) Trichloroethene	9.359	130	256409	47.160	ug/l	99
45) 1,2-Dichloropropane	9.629	63	258693	50.504	ug/l	99
46) Dibromomethane	9.718	93	182036	48.249	ug/l	95
47) Bromodichloromethane	9.894	83	369572	52.734	ug/l	95
48) Methyl methacrylate	9.688	41	226402	52.364	ug/l	89
49) 1,4-Dioxane	9.700	88	95031	1045.755	ug/l	94
51) 4-Methyl-2-Pentanone	10.453	43	1443515	266.069	ug/l	93
52) Toluene	10.635	92	650354	50.033	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	386316	52.930	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	413746	51.282	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	256057	52.074	ug/l	94
56) Ethyl methacrylate	10.882	69	376060	52.524	ug/l	92
57) 1,3-Dichloropropane	11.170	76	427677	51.527	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	759100	262.452	ug/l	93
59) 2-Hexanone	11.200	43	1030847	272.883	ug/l	92
60) Dibromochloromethane	11.365	129	277468	51.568	ug/l	99
61) 1,2-Dibromoethane	11.476	107	253242	49.076	ug/l	97
64) Tetrachloroethene	11.112	164	199744	44.077	ug/l	98
65) Chlorobenzene	11.900	112	678892	46.669	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	265637	49.648	ug/l	98
67) Ethyl Benzene	11.970	91	1236309	49.254	ug/l	97
68) m/p-Xylenes	12.076	106	946199	98.913	ug/l	98
69) o-Xylene	12.406	106	467617	49.779	ug/l	98
70) Styrene	12.417	104	743483	50.273	ug/l	98
71) Bromoform	12.582	173	177638	51.447	ug/l #	99
73) Isopropylbenzene	12.700	105	1170129	44.407	ug/l	100
74) N-amyl acetate	12.500	43	395071	45.530	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	360642	49.750	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	290819m	44.148	ug/l	
77) Bromobenzene	12.988	156	258336	42.234	ug/l	98
78) n-propylbenzene	13.041	91	1336118	46.671	ug/l	99
79) 2-Chlorotoluene	13.129	91	819920	44.369	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	959444	44.974	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	108097	50.416	ug/l	95
82) 4-Chlorotoluene	13.229	91	769683	44.627	ug/l	98
83) tert-Butylbenzene	13.447	119	834504	45.000	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	952575	46.056	ug/l	97
85) sec-Butylbenzene	13.623	105	1059376	43.646	ug/l	98
86) p-Isopropyltoluene	13.735	119	887026	45.034	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	454760	43.952	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	440461	44.117	ug/l	99
89) n-Butylbenzene	14.064	91	699351	45.015	ug/l	97
90) Hexachloroethane	14.341	117	162537	46.499	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	448349	44.338	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	61475	47.101	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	167455	46.478	ug/l	96
94) Hexachlorobutadiene	15.505	225	81355	45.844	ug/l	96
95) Naphthalene	15.647	128	511098	42.173	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	173819	43.136	ug/l	98

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

