

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041123\
 Data File : VN077304.D
 Acq On : 11 Apr 2023 17:40
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/12/2023
 Supervised By : Mahesh Dadoda 04/12/2023

Quant Time: Apr 12 04:42:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	451371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	873336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	800665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	360064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	297960	48.299	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.600%		
35) Dibromofluoromethane	8.172	113	270120	48.315	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.620%		
50) Toluene-d8	10.572	98	1098831	48.822	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.640%		
62) 4-Bromofluorobenzene	12.854	95	376736	50.329	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	271262	47.085	ug/l	100
3) Chloromethane	2.372	50	315596	44.205	ug/l	96
4) Vinyl Chloride	2.525	62	464560	47.993	ug/l	99
5) Bromomethane	2.955	94	319176	45.483	ug/l	98
6) Chloroethane	3.131	64	302218	43.749	ug/l	96
7) Trichlorofluoromethane	3.507	101	475341	56.634	ug/l	93
8) Diethyl Ether	3.966	74	182885	51.998	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.378	101	272608	53.072	ug/l	98
10) Methyl Iodide	4.601	142	333937	53.456	ug/l	96
11) Tert butyl alcohol	5.525	59	261369	207.634	ug/l	100
12) 1,1-Dichloroethene	4.349	96	262996	49.739	ug/l	95
13) Acrolein	4.190	56	246780	206.994	ug/l	94
14) Allyl chloride	5.031	41	321632	40.275	ug/l #	85
15) Acrylonitrile	5.725	53	659519	236.990	ug/l	99
16) Acetone	4.431	43	494272	217.305	ug/l	95
17) Carbon Disulfide	4.725	76	716663	50.263	ug/l	100
18) Methyl Acetate	5.025	43	397454	45.881	ug/l	97
19) Methyl tert-butyl Ether	5.801	73	986843	52.599	ug/l	99
20) Methylene Chloride	5.290	84	317243	49.386	ug/l	93
21) trans-1,2-Dichloroethene	5.796	96	303526	52.429	ug/l	95
22) Diisopropyl ether	6.678	45	837652	52.319	ug/l	98
23) Vinyl Acetate	6.607	43	2788151	257.557	ug/l	99
24) 1,1-Dichloroethane	6.572	63	544150	52.633	ug/l	100
25) 2-Butanone	7.490	43	844914	228.879	ug/l	98
26) 2,2-Dichloropropane	7.495	77	525084	55.387	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	378252	53.503	ug/l	99
28) Bromochloromethane	7.819	49	215153	51.735	ug/l	98
29) Tetrahydrofuran	7.842	42	547811	230.851	ug/l	98
30) Chloroform	7.972	83	590865	53.593	ug/l	99
31) Cyclohexane	8.260	56	482765	50.362	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	543577	54.212	ug/l	97
36) 1,1-Dichloropropene	8.378	75	451030	54.545	ug/l	99
37) Ethyl Acetate	7.566	43	355652	48.072	ug/l	99
38) Carbon Tetrachloride	8.366	117	469297	55.396	ug/l	96
39) Methylcyclohexane	9.601	83	614447	55.108	ug/l	98
40) Benzene	8.613	78	1380055	53.508	ug/l	97

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41) Methacrylonitrile	7.778	41	179002	45.013	ug/l	95
42) 1,2-Dichloroethane	8.672	62	432382	54.470	ug/l	99
43) Isopropyl Acetate	8.689	43	660598	48.390	ug/l	100
44) Trichloroethene	9.354	130	337981	54.767	ug/l	96
45) 1,2-Dichloropropane	9.619	63	343228	56.033	ug/l	92
46) Dibromomethane	9.713	93	249188	53.994	ug/l	99
47) Bromodichloromethane	9.889	83	502871	54.515	ug/l	100
48) Methyl methacrylate	9.684	41	286172	49.140	ug/l	98
49) 1,4-Dioxane	9.701	88	132398	937.728	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	1904219	241.319	ug/l	98
52) Toluene	10.631	92	937434	55.529	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	557837	55.690	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	601346	56.361	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	352377	53.174	ug/l	98
56) Ethyl methacrylate	10.878	69	551593	53.440	ug/l	97
57) 1,3-Dichloropropane	11.166	76	594767	54.325	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	783165	254.887	ug/l	100
59) 2-Hexanone	11.195	43	1373603	233.658	ug/l	99
60) Dibromochloromethane	11.360	129	384539	56.342	ug/l	96
61) 1,2-Dibromoethane	11.472	107	363964	55.026	ug/l	100
64) Tetrachloroethene	11.107	164	268459	54.276	ug/l	97
65) Chlorobenzene	11.895	112	979335	55.557	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	349997	52.475	ug/l	99
67) Ethyl Benzene	11.966	91	1806794	55.545	ug/l	99
68) m/p-Xylenes	12.072	106	1427545	111.692	ug/l	99
69) o-Xylene	12.401	106	700185	55.531	ug/l	99
70) Styrene	12.413	104	1136972	56.034	ug/l	98
71) Bromoform	12.577	173	257463	54.837	ug/l #	98
73) Isopropylbenzene	12.701	105	1839100	52.587	ug/l	100
74) N-amyl acetate	12.495	43	612411	46.207	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.942	83	526090	47.934	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	378106m	44.099	ug/l	
77) Bromobenzene	12.983	156	368700	51.849	ug/l	95
78) n-propylbenzene	13.036	91	2094949	54.214	ug/l	100
79) 2-Chlorotoluene	13.130	91	1218332	52.361	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1524895	54.591	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	179358	47.074	ug/l	95
82) 4-Chlorotoluene	13.224	91	1186370	54.079	ug/l	99
83) tert-Butylbenzene	13.442	119	1288341	51.817	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1517102	54.975	ug/l	100
85) sec-Butylbenzene	13.619	105	1938325	55.939	ug/l	99
86) p-Isopropyltoluene	13.730	119	1557442	57.191	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	707392	53.770	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	705875	54.408	ug/l	99
89) n-Butylbenzene	14.060	91	1356078	59.984	ug/l	99
90) Hexachloroethane	14.336	117	313187	52.599	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	705476	53.603	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	95957	46.133	ug/l	96
93) 1,2,4-Trichlorobenzene	15.371	180	295051	62.103	ug/l	97
94) Hexachlorobutadiene	15.465	225	144088	52.393	ug/l	99
95) Naphthalene	15.589	128	1081742	60.611	ug/l	99
96) 1,2,3-Trichlorobenzene	15.760	180	277472	61.059	ug/l	99

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

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