

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012022\
 Data File : VN070710.D
 Acq On : 20 Jan 2022 10:01
 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

Reviewed By : John Carlone 01/21/2022
 Supervised By : Mahesh Dadoda 01/21/2022

Quant Time: Jan 21 02:09:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	800938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1299354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1220577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	514354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	544442	47.431	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.860%		
35) Dibromofluoromethane	8.021	113	394530	48.950	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.900%		
50) Toluene-d8	10.441	98	1641050	48.331	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.660%		
62) 4-Bromofluorobenzene	12.728	95	607735	50.228	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	440091	47.551	ug/l	100
3) Chloromethane	2.303	50	612972	45.310	ug/l	98
4) Vinyl Chloride	2.448	62	634622	49.321	ug/l	99
5) Bromomethane	2.845	94	340570	50.820	ug/l	99
6) Chloroethane	3.017	64	372708	46.417	ug/l	98
7) Trichlorofluoromethane	3.376	101	754204	51.310	ug/l	98
8) Diethyl Ether	3.824	74	341144	53.130	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.210	101	415390	46.758	ug/l	96
10) Methyl Iodide	4.419	142	561661	49.028	ug/l	100
11) Tert butyl alcohol	5.377	59	501816	242.317	ug/l	97
12) 1,1-Dichloroethene	4.181	96	409013	46.161	ug/l	91
13) Acrolein	4.039	56	1017876	342.711	ug/l	100
14) Allyl chloride	4.841	41	957561	49.599	ug/l #	84
15) Acrylonitrile	5.554	53	1585750	240.703	ug/l	99
16) Acetone	4.285	43	2006075	251.796	ug/l	98
17) Carbon Disulfide	4.529	76	1141892	47.451	ug/l	98
18) Methyl Acetate	4.854	43	719183	45.901	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	1595842	50.416	ug/l	94
20) Methylene Chloride	5.098	84	501466	47.784	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	436836	48.985	ug/l	86
22) Diisopropyl ether	6.495	45	1912547	49.980	ug/l #	91
23) Vinyl Acetate	6.434	43	8234582	253.858	ug/l	94
24) 1,1-Dichloroethane	6.388	63	936223	48.911	ug/l	98
25) 2-Butanone	7.332	43	2530647	252.427	ug/l	91
26) 2,2-Dichloropropane	7.324	77	749875	51.097	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	516829	48.787	ug/l	85
28) Bromochloromethane	7.657	49	420488	48.928	ug/l #	75
29) Tetrahydrofuran	7.683	42	1485026	241.918	ug/l	87
30) Chloroform	7.818	83	894313	47.823	ug/l	99
31) Cyclohexane	8.094	56	941296	46.569	ug/l	85
32) 1,1,1-Trichloroethane	8.013	97	746204	50.225	ug/l	97
36) 1,1-Dichloropropene	8.220	75	684305	50.432	ug/l	96
37) Ethyl Acetate	7.413	43	873042	48.465	ug/l	97
38) Carbon Tetrachloride	8.204	117	618693	51.255	ug/l	100
39) Methylcyclohexane	9.459	83	854185	50.993	ug/l	88
40) Benzene	8.459	78	2076551	49.391	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	456822	49.846	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	727401	49.897	ug/l	99
43) Isopropyl Acetate	8.558	43	1397207	50.780	ug/l #	95
44) Trichloroethene	9.215	130	468779	49.183	ug/l	90
45) 1,2-Dichloropropane	9.488	63	573581	50.142	ug/l	99
46) Dibromomethane	9.577	93	335664	50.466	ug/l	93
47) Bromodichloromethane	9.759	83	696500	51.227	ug/l	100
48) Methyl methacrylate	9.558	41	686388	52.364	ug/l #	77
49) 1,4-Dioxane	9.569	88	207558	1054.159	ug/l #	81
51) 4-Methyl-2-Pentanone	10.328	43	4472892	254.764	ug/l	98
52) Toluene	10.502	92	1287942	51.212	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	794924	48.299	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	859982	52.742	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	492374	49.837	ug/l	98
56) Ethyl methacrylate	10.760	69	872842	46.616	ug/l	89
57) 1,3-Dichloropropane	11.044	76	887598	50.749	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1123406	236.896	ug/l	90
59) 2-Hexanone	11.084	43	3469274	272.007	ug/l	97
60) Dibromochloromethane	11.237	129	494252	53.633	ug/l	100
61) 1,2-Dibromoethane	11.344	107	499502	50.356	ug/l	100
64) Tetrachloroethene	10.977	164	430447	48.098	ug/l	95
65) Chlorobenzene	11.768	112	1319254	49.886	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	465318	51.097	ug/l	99
67) Ethyl Benzene	11.843	91	2520526	51.408	ug/l	95
68) m/p-Xylenes	11.950	106	1841741	103.257	ug/l	90
69) o-Xylene	12.278	106	917218	51.818	ug/l	92
70) Styrene	12.291	104	1511742	53.386	ug/l	95
71) Bromoform	12.457	173	369137	53.663	ug/l #	100
73) Isopropylbenzene	12.575	105	2404679	49.418	ug/l	98
74) N-amyl acetate	12.385	43	1034960	52.020	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	771689	46.958	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	668993m	49.039	ug/l	
77) Bromobenzene	12.860	156	543699	49.835	ug/l	76
78) n-propylbenzene	12.919	91	2805972	51.562	ug/l	95
79) 2-Chlorotoluene	13.004	91	1710327	49.683	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2009121	51.057	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.624	75	240885	52.605	ug/l	92
82) 4-Chlorotoluene	13.104	91	1671797	51.978	ug/l	90
83) tert-Butylbenzene	13.321	119	1705440	49.788	ug/l	93
84) 1,2,4-Trimethylbenzene	13.367	105	1959179	51.796	ug/l	96
85) sec-Butylbenzene	13.498	105	2413930	51.836	ug/l	97
86) p-Isopropyltoluene	13.613	119	1939001	53.004	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	931560	51.329	ug/l	96
88) 1,4-Dichlorobenzene	13.691	146	905376	50.128	ug/l	97
89) n-Butylbenzene	13.940	91	1632987	54.110	ug/l	96
90) Hexachloroethane	14.209	117	327822	51.265	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	887330	49.486	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	135648	48.660	ug/l	80
93) 1,2,4-Trichlorobenzene	15.260	180	437781	46.338	ug/l	98
94) Hexachlorobutadiene	15.367	225	277172	52.192	ug/l	99
95) Naphthalene	15.504	128	1147866	43.726	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	423974	46.888	ug/l	99

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

