

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080522\
 Data File : VN073764.D
 Acq On : 05 Aug 2022 17:09
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/08/2022
 Supervised By : Mahesh Dadoda 08/08/2022

Quant Time: Aug 07 20:51:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	419728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	638416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	608094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	301550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	218080	42.635	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.260%		
35) Dibromofluoromethane	7.951	113	192764	48.085	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.160%		
50) Toluene-d8	10.381	98	749772	47.528	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.060%		
62) 4-Bromofluorobenzene	12.669	95	262625	49.857	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	174222	42.795	ug/l	99
3) Chloromethane	2.263	50	207615	42.032	ug/l	98
4) Vinyl Chloride	2.405	62	269036	37.786	ug/l	99
5) Bromomethane	2.769	94	97332	23.571	ug/l	95
6) Chloroethane	2.934	64	187294	44.883	ug/l	96
7) Trichlorofluoromethane	3.293	101	380698	51.881	ug/l	98
8) Diethyl Ether	3.757	74	127787	46.378	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.128	101	198628	48.925	ug/l	97
10) Methyl Iodide	4.340	142	190798	46.229	ug/l	98
11) Tert butyl alcohol	5.293	59	262585	238.035	ug/l	100
12) 1,1-Dichloroethene	4.104	96	185850	46.670	ug/l	91
13) Acrolein	3.969	56	407102	372.244	ug/l	99
14) Allyl chloride	4.751	41	283468	44.523	ug/l	99
15) Acrylonitrile	5.469	53	702192	230.115	ug/l	99
16) Acetone	4.216	43	570821	207.772	ug/l	98
17) Carbon Disulfide	4.446	76	436703	41.358	ug/l	99
18) Methyl Acetate	4.769	43	326695	47.797	ug/l	98
19) Methyl tert-butyl Ether	5.528	73	678612	49.882	ug/l	96
20) Methylene Chloride	5.004	84	227890	51.334	ug/l	99
21) trans-1,2-Dichloroethene	5.504	96	199772	46.342	ug/l	96
22) Diisopropyl ether	6.404	45	644579	46.927	ug/l	97
23) Vinyl Acetate	6.345	43	2768738	240.419	ug/l	100
24) 1,1-Dichloroethane	6.298	63	377222	44.640	ug/l	98
25) 2-Butanone	7.257	43	958059	224.551	ug/l	99
26) 2,2-Dichloropropane	7.240	77	290955	44.752	ug/l	98
27) cis-1,2-Dichloroethene	7.240	96	250705	47.203	ug/l	94
28) Bromochloromethane	7.581	49	157844	44.486	ug/l	97
29) Tetrahydrofuran	7.604	42	607251	225.114	ug/l	97
30) Chloroform	7.739	83	407169	46.246	ug/l	99
31) Cyclohexane	8.016	56	326772	42.910	ug/l	97
32) 1,1,1-Trichloroethane	7.939	97	348458	47.666	ug/l	98
36) 1,1-Dichloropropene	8.145	75	294615	51.564	ug/l	99
37) Ethyl Acetate	7.334	43	347056	46.123	ug/l	97
38) Carbon Tetrachloride	8.128	117	299560	51.622	ug/l	99
39) Methylcyclohexane	9.392	83	369175	54.071	ug/l	97
40) Benzene	8.387	78	912151	49.163	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	168683	49.541	ug/l	97
42) 1,2-Dichloroethane	8.463	62	306038	48.943	ug/l	98
43) Isopropyl Acetate	8.492	43	525565	51.712	ug/l	99
44) Trichloroethene	9.145	130	240486	51.113	ug/l	100
45) 1,2-Dichloropropane	9.422	63	228942	49.367	ug/l	99
46) Dibromomethane	9.510	93	166831	51.832	ug/l	99
47) Bromodichloromethane	9.698	83	320753	51.922	ug/l	98
48) Methyl methacrylate	9.498	41	233357	52.454	ug/l	92
49) 1,4-Dioxane	9.504	88	134911	1075.800	ug/l	95
51) 4-Methyl-2-Pentanone	10.269	43	1874998	257.217	ug/l	100
52) Toluene	10.445	92	594837	52.488	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	334680	54.840	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	368422	53.572	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	246666	52.195	ug/l	97
56) Ethyl methacrylate	10.704	69	381901	58.633	ug/l	98
57) 1,3-Dichloropropane	10.986	76	412061	51.392	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.981	63	829776	241.110	ug/l	100
59) 2-Hexanone	11.028	43	1433537	259.565	ug/l	100
60) Dibromochloromethane	11.180	129	275519	58.603	ug/l	96
61) 1,2-Dibromoethane	11.286	107	260278	53.476	ug/l	99
64) Tetrachloroethene	10.916	164	233621	48.342	ug/l	96
65) Chlorobenzene	11.710	112	659056	51.025	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	246096	53.120	ug/l	99
67) Ethyl Benzene	11.786	91	1171234	53.749	ug/l	98
68) m/p-Xylenes	11.892	106	911809	109.712	ug/l	99
69) o-Xylene	12.222	106	458447	56.580	ug/l	98
70) Styrene	12.233	104	753831	58.119	ug/l	98
71) Bromoform	12.398	173	217864	56.973	ug/l #	98
73) Isopropylbenzene	12.522	105	1181940	53.544	ug/l	100
74) N-amyl acetate	12.327	43	434353	52.079	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	388651	45.626	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	281788m	51.080	ug/l	
77) Bromobenzene	12.798	156	299549	52.109	ug/l	94
78) n-propylbenzene	12.863	91	1362185	54.843	ug/l	100
79) 2-Chlorotoluene	12.945	91	801527	51.705	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	987673	54.370	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	116568	50.096	ug/l	99
82) 4-Chlorotoluene	13.045	91	769098	52.347	ug/l	96
83) tert-Butylbenzene	13.263	119	882206	54.828	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	979789	54.852	ug/l	100
85) sec-Butylbenzene	13.439	105	1256825	56.515	ug/l	99
86) p-Isopropyltoluene	13.557	119	1062125	60.585	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	536999	51.177	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	531932	50.667	ug/l	98
89) n-Butylbenzene	13.880	91	859143	60.230	ug/l	99
90) Hexachloroethane	14.151	117	181679	52.232	ug/l	97
91) 1,2-Dichlorobenzene	13.927	146	541902	50.965	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	84871	49.590	ug/l	87
93) 1,2,4-Trichlorobenzene	15.198	180	326344	61.805	ug/l	99
94) Hexachlorobutadiene	15.304	225	167004	58.178	ug/l	98
95) Naphthalene	15.433	128	1052653	61.434	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	335353	60.345	ug/l	99

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

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