

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081022\
 Data File : VN073793.D
 Acq On : 10 Aug 2022 12:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 10 22:53:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/11/2022
 Supervised By : Mahesh Dadoda 08/11/2022

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	411769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	622666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	585811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	297765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	228575	45.550	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.100%		
35) Dibromofluoromethane	7.951	113	205246	52.493	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.980%		
50) Toluene-d8	10.380	98	769708	50.026	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.060%		
62) 4-Bromofluorobenzene	12.668	95	268932	49.802	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	226957	56.826	ug/l	97
3) Chloromethane	2.263	50	262322	54.894	ug/l	100
4) Vinyl Chloride	2.404	62	322633	46.189	ug/l	100
5) Bromomethane	2.775	94	281682	69.533	ug/l	97
6) Chloroethane	2.940	64	216635	53.315	ug/l	99
7) Trichlorofluoromethane	3.298	101	433291	60.189	ug/l	98
8) Diethyl Ether	3.757	74	137868	51.004	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.128	101	217471	54.602	ug/l	98
10) Methyl Iodide	4.340	142	236957	58.522	ug/l	100
11) Tert butyl alcohol	5.287	59	270990	250.402	ug/l	100
12) 1,1-Dichloroethene	4.104	96	203475	52.083	ug/l	94
13) Acrolein	3.975	56	285092	265.720	ug/l	98
14) Allyl chloride	4.757	41	318359	50.970	ug/l	99
15) Acrylonitrile	5.469	53	762652	254.759	ug/l	100
16) Acetone	4.216	43	788724	292.635	ug/l	100
17) Carbon Disulfide	4.451	76	547272	52.831	ug/l	100
18) Methyl Acetate	4.769	43	332085	49.525	ug/l	99
19) Methyl tert-butyl Ether	5.528	73	711622	53.319	ug/l	100
20) Methylene Chloride	5.004	84	243484	56.112	ug/l	99
21) trans-1,2-Dichloroethene	5.504	96	222857	52.697	ug/l	97
22) Diisopropyl ether	6.410	45	693248	51.445	ug/l	99
23) Vinyl Acetate	6.345	43	3077954	272.435	ug/l	99
24) 1,1-Dichloroethane	6.298	63	411186	49.599	ug/l	99
25) 2-Butanone	7.257	43	1107177	264.517	ug/l	100
26) 2,2-Dichloropropane	7.245	77	338498	53.071	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	270752	51.963	ug/l	95
28) Bromochloromethane	7.580	49	169853	48.796	ug/l	99
29) Tetrahydrofuran	7.604	42	668334	252.547	ug/l	99
30) Chloroform	7.739	83	427995	49.551	ug/l	100
31) Cyclohexane	8.022	56	373815	50.037	ug/l	99
32) 1,1,1-Trichloroethane	7.939	97	371881	51.853	ug/l	98
36) 1,1-Dichloropropene	8.145	75	318219	57.104	ug/l	99
37) Ethyl Acetate	7.333	43	396442	54.019	ug/l	98
38) Carbon Tetrachloride	8.133	117	326601	57.705	ug/l	100
39) Methylcyclohexane	9.392	83	411486	61.792	ug/l	98
40) Benzene	8.386	78	992049	54.822	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	178140	53.642	ug/l	95
42) 1,2-Dichloroethane	8.457	62	329017	53.948	ug/l	99
43) Isopropyl Acetate	8.492	43	568351	57.336	ug/l	99
44) Trichloroethene	9.145	130	258071	56.238	ug/l	99
45) 1,2-Dichloropropane	9.427	63	242913	53.705	ug/l	100
46) Dibromomethane	9.510	93	176141	56.109	ug/l	98
47) Bromodichloromethane	9.698	83	339545	56.355	ug/l	97
48) Methyl methacrylate	9.498	41	251604	57.987	ug/l	92
49) 1,4-Dioxane	9.504	88	140360	1147.562	ug/l	94
51) 4-Methyl-2-Pentanone	10.269	43	2013326	283.180	ug/l	99
52) Toluene	10.445	92	642569	58.134	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	363969	61.148	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	395481	58.961	ug/l	100
55) 1,1,2-Trichloroethane	10.839	97	259500	56.300	ug/l	99
56) Ethyl methacrylate	10.704	69	407279	64.111	ug/l	99
57) 1,3-Dichloropropane	10.986	76	434450	55.555	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	866638	257.486	ug/l	99
59) 2-Hexanone	11.027	43	1614867	299.793	ug/l	99
60) Dibromochloromethane	11.180	129	278369	60.707	ug/l	99
61) 1,2-Dibromoethane	11.286	107	273629	57.641	ug/l	98
64) Tetrachloroethene	10.916	164	253049	54.354	ug/l	99
65) Chlorobenzene	11.710	112	701304	56.361	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	258265	57.867	ug/l	99
67) Ethyl Benzene	11.786	91	1233653	58.767	ug/l	100
68) m/p-Xylenes	11.892	106	976719	121.992	ug/l	99
69) o-Xylene	12.221	106	475044	60.859	ug/l	98
70) Styrene	12.233	104	796258	63.725	ug/l	98
71) Bromoform	12.398	173	227720	61.816	ug/l	100
73) Isopropylbenzene	12.521	105	1242728	57.013	ug/l	100
74) N-amyl acetate	12.327	43	471695	57.275	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	409901	48.733	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	357580m	66.625	ug/l	
77) Bromobenzene	12.798	156	311814	54.932	ug/l	97
78) n-propylbenzene	12.863	91	1434835	58.503	ug/l	100
79) 2-Chlorotoluene	12.945	91	839086	54.816	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	1038016	57.868	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.568	75	133704	58.191	ug/l	98
82) 4-Chlorotoluene	13.045	91	816792	56.300	ug/l	96
83) tert-Butylbenzene	13.262	119	911397	57.363	ug/l	100
84) 1,2,4-Trimethylbenzene	13.310	105	1047438	59.385	ug/l	99
85) sec-Butylbenzene	13.439	105	1309623	59.638	ug/l	99
86) p-Isopropyltoluene	13.557	119	1108139	64.013	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	567911	54.811	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	557467	53.774	ug/l	99
89) n-Butylbenzene	13.880	91	900352	63.921	ug/l	98
90) Hexachloroethane	14.151	117	195070	56.795	ug/l	95
91) 1,2-Dichlorobenzene	13.927	146	572264	54.505	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	89394	52.896	ug/l	88
93) 1,2,4-Trichlorobenzene	15.198	180	335267	64.302	ug/l	99
94) Hexachlorobutadiene	15.298	225	172424	60.830	ug/l	98
95) Naphthalene	15.433	128	1075964	63.593	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	347277	63.285	ug/l	99

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

