

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070905.D
 Acq On : 2 Feb 2022 21:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 03 05:58:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/04/2022

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	743352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1239585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1146571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	478395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	501457	49.837	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.680%		
35) Dibromofluoromethane	8.021	113	368070	49.566	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.140%		
50) Toluene-d8	10.440	98	1530769	50.206	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.420%		
62) 4-Bromofluorobenzene	12.731	95	559463	50.925	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	437107	52.996	ug/l	99
3) Chloromethane	2.301	50	530828	50.956	ug/l	100
4) Vinyl Chloride	2.445	62	332833	38.244	ug/l	97
5) Bromomethane	2.832	94	225034	50.555	ug/l	100
6) Chloroethane	3.006	64	221489	56.117	ug/l	96
7) Trichlorofluoromethane	3.368	101	520826	53.590	ug/l	98
8) Diethyl Ether	3.821	74	293411	52.055	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.202	101	383651	52.318	ug/l	96
10) Methyl Iodide	4.414	142	555906	51.376	ug/l	97
11) Tert butyl alcohol	5.385	59	586454	277.373	ug/l	98
12) 1,1-Dichloroethene	4.175	96	392327	52.371	ug/l	93
13) Acrolein	4.038	56	580061	249.194	ug/l	99
14) Allyl chloride	4.835	41	911887	53.434	ug/l #	83
15) Acrylonitrile	5.554	53	1646300	278.825	ug/l	99
16) Acetone	4.288	43	1402794	233.155	ug/l	97
17) Carbon Disulfide	4.524	76	1158962	49.815	ug/l	99
18) Methyl Acetate	4.856	43	761068	55.540	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	1521647	53.201	ug/l	95
20) Methylene Chloride	5.095	84	467884	51.210	ug/l	90
21) trans-1,2-Dichloroethene	5.594	96	413844	51.813	ug/l	87
22) Diisopropyl ether	6.498	45	1758296	53.192	ug/l	90
23) Vinyl Acetate	6.433	43	7871318	269.213	ug/l	95
24) 1,1-Dichloroethane	6.385	63	864054	51.914	ug/l	98
25) 2-Butanone	7.337	43	2324791	267.690	ug/l	94
26) 2,2-Dichloropropane	7.327	77	635490	48.617	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	481803	51.074	ug/l	88
28) Bromochloromethane	7.659	49	380179	52.346	ug/l #	77
29) Tetrahydrofuran	7.686	42	1579960	280.080	ug/l	88
30) Chloroform	7.817	83	804320	50.797	ug/l	98
31) Cyclohexane	8.094	56	860360	50.325	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	686483	51.364	ug/l	98
36) 1,1-Dichloropropene	8.222	75	618496	51.269	ug/l	97
37) Ethyl Acetate	7.415	43	924323	55.593	ug/l	97
38) Carbon Tetrachloride	8.206	117	560025	50.833	ug/l	99
39) Methylcyclohexane	9.459	83	775876	52.318	ug/l	89
40) Benzene	8.458	78	1922394	50.722	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	463896	55.531	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	655848	50.831	ug/l	100
43) Isopropyl Acetate	8.563	43	1385692	49.577	ug/l	96
44) Trichloroethene	9.215	130	439626	50.129	ug/l	90
45) 1,2-Dichloropropane	9.491	63	529681	52.190	ug/l	100
46) Dibromomethane	9.577	93	315082	51.825	ug/l	95
47) Bromodichloromethane	9.762	83	635041	51.856	ug/l	99
48) Methyl methacrylate	9.561	41	679481	56.385	ug/l #	80
49) 1,4-Dioxane	9.569	88	223447	1106.857	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	4568000	277.660	ug/l	99
52) Toluene	10.505	92	1174144	49.999	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	715454	51.767	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	786750	52.339	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	457460	51.293	ug/l	99
56) Ethyl methacrylate	10.762	69	837012	53.883	ug/l	89
57) 1,3-Dichloropropane	11.044	76	812945	52.069	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	995405	237.701	ug/l	91
59) 2-Hexanone	11.084	43	3339403	278.014	ug/l	97
60) Dibromochloromethane	11.240	129	456739	51.634	ug/l	99
61) 1,2-Dibromoethane	11.344	107	472001	51.459	ug/l	99
64) Tetrachloroethene	10.977	164	376285	50.141	ug/l	95
65) Chlorobenzene	11.771	112	1200088	50.010	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	427587	51.052	ug/l	99
67) Ethyl Benzene	11.843	91	2276854	52.048	ug/l	97
68) m/p-Xylenes	11.953	106	1677944	103.522	ug/l	93
69) o-Xylene	12.277	106	830387	51.189	ug/l	92
70) Styrene	12.294	104	1386301	54.223	ug/l	96
71) Bromoform	12.457	173	354338	51.238	ug/l #	99
73) Isopropylbenzene	12.578	105	2176530	52.145	ug/l	98
74) N-amyl acetate	12.387	43	1022615	54.704	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	747910	51.731	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	572563m	49.724	ug/l	
77) Bromobenzene	12.859	156	502383	50.207	ug/l	77
78) n-propylbenzene	12.918	91	2500731	52.535	ug/l	96
79) 2-Chlorotoluene	13.007	91	1526777	51.582	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	1793846	53.017	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	229573	54.042	ug/l	92
82) 4-Chlorotoluene	13.103	91	1477333	51.787	ug/l	92
83) tert-Butylbenzene	13.323	119	1539843	52.183	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	1741887	52.644	ug/l	97
85) sec-Butylbenzene	13.500	105	2192287	53.101	ug/l	97
86) p-Isopropyltoluene	13.613	119	1752633	53.834	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	847843	50.938	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	821625	49.348	ug/l	97
89) n-Butylbenzene	13.943	91	1481242	51.627	ug/l	97
90) Hexachloroethane	14.208	117	304556	52.785	ug/l	94
91) 1,2-Dichlorobenzene	13.989	146	807684	50.582	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	139911	53.404	ug/l	84
93) 1,2,4-Trichlorobenzene	15.262	180	429969	48.660	ug/l	98
94) Hexachlorobutadiene	15.370	225	262239	49.174	ug/l	99
95) Naphthalene	15.504	128	1208747	48.313	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	416832	49.480	ug/l	99

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

