

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030722\
 Data File : VN071178.D
 Acq On : 07 Mar 2022 16:06
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 08 01:19:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 01:13:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/08/2022
 Supervised By : Mahesh Dadoda 03/08/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	608587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1004137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	971065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	385355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	891378	126.242	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 252.480%#			
35) Dibromofluoromethane	8.022	113	677248	115.272	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 230.540%#			
50) Toluene-d8	10.439	98	2798009	117.844	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 235.680%#			
62) 4-Bromofluorobenzene	12.727	95	990852	117.868	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 235.740%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	635958	100.551	ug/l	99
3) Chloromethane	2.298	50	884211	108.491	ug/l	99
4) Vinyl Chloride	2.440	62	792060	99.342	ug/l	100
5) Bromomethane	2.816	94	334632	75.803	ug/l	100
6) Chloroethane	2.987	64	467562	89.100	ug/l	99
7) Trichlorofluoromethane	3.357	101	1033519	102.815	ug/l	99
8) Diethyl Ether	3.822	74	455723	104.320	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.204	101	594340	97.315	ug/l	95
10) Methyl Iodide	4.416	142	920497	108.933	ug/l	98
11) Tert butyl alcohol	5.369	59	871033	662.078	ug/l	99
12) 1,1-Dichloroethene	4.181	96	606743	101.558	ug/l	95
13) Acrolein	4.040	56	879465	709.712	ug/l	100
14) Allyl chloride	4.840	41	1335909	114.693	ug/l #	86
15) Acrylonitrile	5.551	53	2429758	623.722	ug/l	99
16) Acetone	4.287	43	1955835	508.457	ug/l	96
17) Carbon Disulfide	4.528	76	1713691	100.192	ug/l	99
18) Methyl Acetate	4.845	43	1080561	112.220	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	2294502	108.786	ug/l	95
20) Methylene Chloride	5.092	84	732722	103.956	ug/l	91
21) trans-1,2-Dichloroethene	5.598	96	650426	101.494	ug/l	91
22) Diisopropyl ether	6.492	45	2587130	115.810	ug/l	91
23) Vinyl Acetate	6.428	43	11455081	602.834	ug/l	98
24) 1,1-Dichloroethane	6.386	63	1350502	108.853	ug/l	99
25) 2-Butanone	7.328	43	3297123	624.415	ug/l	94
26) 2,2-Dichloropropane	7.322	77	1079618	106.109	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	780184	105.481	ug/l	91
28) Bromochloromethane	7.657	49	648876	127.283	ug/l	83
29) Tetrahydrofuran	7.681	42	2246036	645.016	ug/l	91
30) Chloroform	7.816	83	1262276	103.930	ug/l	98
31) Cyclohexane	8.092	56	1263350	103.613	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	1117754	106.979	ug/l	98
36) 1,1-Dichloropropene	8.222	75	996484	101.985	ug/l	97
37) Ethyl Acetate	7.410	43	1324460	121.024	ug/l	98
38) Carbon Tetrachloride	8.204	117	972228	101.211	ug/l	100
39) Methylcyclohexane	9.457	83	1238768	99.595	ug/l	94
40) Benzene	8.457	78	2972033	102.403	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	690114	122.839	ug/l #	88
42) 1,2-Dichloroethane	8.527	62	1047303	105.214	ug/l	99
43) Isopropyl Acetate	8.557	43	2042054	120.484	ug/l	98
44) Trichloroethene	9.216	130	721121	95.634	ug/l	98
45) 1,2-Dichloropropane	9.486	63	799602	106.682	ug/l	99
46) Dibromomethane	9.574	93	495788	101.561	ug/l	97
47) Bromodichloromethane	9.763	83	1028131	104.019	ug/l	100
48) Methyl methacrylate	9.557	41	1027764	127.283	ug/l #	82
49) 1,4-Dioxane	9.569	88	363332	2535.331	ug/l	87
51) 4-Methyl-2-Pentanone	10.327	43	6741806	643.523	ug/l	98
52) Toluene	10.504	92	1919264	105.437	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	1201695	111.858	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	1288999	109.372	ug/l	98
55) 1,1,2-Trichloroethane	10.898	97	736567	103.325	ug/l	99
56) Ethyl methacrylate	10.757	69	1356223	124.834	ug/l	91
57) 1,3-Dichloropropane	11.039	76	1342604	108.467	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	1349380	733.187	ug/l	95
59) 2-Hexanone	11.080	43	4730408	656.352	ug/l	99
60) Dibromochloromethane	11.233	129	802314	107.274	ug/l	100
61) 1,2-Dibromoethane	11.345	107	783605	107.928	ug/l	99
64) Tetrachloroethene	10.974	164	629723	84.949	ug/l	98
65) Chlorobenzene	11.768	112	2049877	98.560	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	743533	97.959	ug/l	100
67) Ethyl Benzene	11.845	91	3767290	103.176	ug/l	98
68) m/p-Xylenes	11.951	106	2811104	200.880	ug/l	98
69) o-Xylene	12.280	106	1404237	102.231	ug/l	97
70) Styrene	12.292	104	2282372	105.106	ug/l	97
71) Bromoform	12.457	173	620318	103.051	ug/l #	100
73) Isopropylbenzene	12.574	105	3632313	114.474	ug/l	99
74) N-amyl acetate	12.386	43	1414072	135.750	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.827	83	1094875	107.036	ug/l	99
76) 1,2,3-Trichloropropane	12.880	75	927859m	102.612	ug/l	
77) Bromobenzene	12.857	156	825451	107.250	ug/l	82
78) n-propylbenzene	12.915	91	4065082	114.617	ug/l	98
79) 2-Chlorotoluene	13.004	91	2452884	113.308	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	2845695	111.191	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	373828	127.360	ug/l	87
82) 4-Chlorotoluene	13.104	91	2286680	110.030	ug/l	95
83) tert-Butylbenzene	13.321	119	2571910	106.687	ug/l	96
84) 1,2,4-Trimethylbenzene	13.362	105	2808298	111.708	ug/l	100
85) sec-Butylbenzene	13.498	105	3531186	110.905	ug/l	99
86) p-Isopropyltoluene	13.615	119	2857793	110.234	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	1348956	100.559	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	1288055	98.207	ug/l	98
89) n-Butylbenzene	13.939	91	2256905	107.877	ug/l	96
90) Hexachloroethane	14.209	117	546617	116.570	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	1277982	101.002	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	208925	126.180	ug/l	89
93) 1,2,4-Trichlorobenzene	15.262	180	636159	104.017	ug/l	98
94) Hexachlorobutadiene	15.368	225	348038	77.816	ug/l	98
95) Naphthalene	15.504	128	1800467	138.226	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	604323	108.098	ug/l	99

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

