

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122721\
 Data File : VN070309.D
 Acq On : 27 Dec 2021 12:38
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 27 13:10:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 12:37:58 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/28/2021
 Supervised By : Semsettin Yesilyurt 12/30/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1142893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1909996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1866599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	778245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1665993	96.93	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 193.86%#			
35) Dibromofluoromethane	8.019	113	1179945	100.59	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 201.18%#			
50) Toluene-d8	10.440	98	4805503	102.03	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 204.06%#			
62) 4-Bromofluorobenzene	12.728	95	1864056	108.62	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 217.24%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	1316094	100.66	ug/l	99
3) Chloromethane	2.303	50	1634490	98.31	ug/l	99
4) Vinyl Chloride	2.448	62	1572701	103.17	ug/l	99
5) Bromomethane	2.829	94	813792	97.81	ug/l	99
6) Chloroethane	3.003	64	921389	98.68	ug/l	98
7) Trichlorofluoromethane	3.371	101	1880750	95.05	ug/l	98
8) Diethyl Ether	3.821	74	840860	108.03	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.205	101	1162308	102.96	ug/l	96
10) Methyl Iodide	4.417	142	1706030	111.18	ug/l	100
11) Tert butyl alcohol	5.385	59	1444627	457.78	ug/l	99
12) 1,1-Dichloroethene	4.178	96	1156102	105.98	ug/l	91
13) Acrolein	4.039	56	1104394	409.07	ug/l	100
14) Allyl chloride	4.835	41	2680470	109.02	ug/l	89
15) Acrylonitrile	5.554	53	4368320	496.25	ug/l	99
16) Acetone	4.285	43	5249316	497.46	ug/l	99
17) Carbon Disulfide	4.524	76	3222460	113.60	ug/l	99
18) Methyl Acetate	4.854	43	3004317	95.32	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	4388804	104.16	ug/l	95
20) Methylene Chloride	5.090	84	1392921	98.76	ug/l	86
21) trans-1,2-Dichloroethene	5.594	96	1218670	103.24	ug/l	86
22) Diisopropyl ether	6.495	45	5134607	107.34	ug/l	92
23) Vinyl Acetate	6.434	43	20805199	539.14	ug/l	95
24) 1,1-Dichloroethane	6.385	63	2628650	105.94	ug/l	98
25) 2-Butanone	7.335	43	6873960	487.56	ug/l	92
26) 2,2-Dichloropropane	7.324	77	2144375	110.41	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	1474783	103.74	ug/l	86
28) Bromochloromethane	7.657	49	1310759	102.39	ug/l #	79
29) Tetrahydrofuran	7.683	42	4173662	490.35	ug/l	88
30) Chloroform	7.817	83	2529617	101.63	ug/l	99
31) Cyclohexane	8.094	56	2508623	102.11	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	2206530	104.39	ug/l	97
36) 1,1-Dichloropropene	8.220	75	1924959	106.42	ug/l	96
37) Ethyl Acetate	7.412	43	2501456	95.06	ug/l	96
38) Carbon Tetrachloride	8.206	117	1846712	104.60	ug/l	99
39) Methylcyclohexane	9.459	83	2392895	110.86	ug/l	90
40) Benzene	8.458	78	5771853	104.25	ug/l	99

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41) Methacrylonitrile	7.635	41	1321852	105.87	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	2159660	97.90	ug/l	98
43) Isopropyl Acetate	8.560	43	4031641	102.65	ug/l	95
44) Trichloroethene	9.215	130	1378933	104.80	ug/l	90
45) 1,2-Dichloropropane	9.488	63	1569317	105.26	ug/l	99
46) Dibromomethane	9.577	93	973803	100.76	ug/l	94
47) Bromodichloromethane	9.762	83	2009562	109.00	ug/l	99
48) Methyl methacrylate	9.558	41	2050834	110.27	ug/l #	79
49) 1,4-Dioxane	9.569	88	583523	1831.49	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	13056061	516.72	ug/l	98
52) Toluene	10.505	92	3615632	107.14	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	2335701	120.10	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	2461916	117.71	ug/l	94
55) 1,1,2-Trichloroethane	10.899	97	1410677	104.08	ug/l	98
56) Ethyl methacrylate	10.760	69	2596056	113.49	ug/l	90
57) 1,3-Dichloropropane	11.044	76	2527810	105.82	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	3111621	552.60	ug/l	91
59) 2-Hexanone	11.084	43	9705571	508.00	ug/l	95
60) Dibromochloromethane	11.237	129	1490068	115.57	ug/l	100
61) 1,2-Dibromoethane	11.344	107	1499063	107.30	ug/l	100
64) Tetrachloroethene	10.977	164	1220589	97.07	ug/l	95
65) Chlorobenzene	11.768	112	3892415	103.32	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	1379275	104.39	ug/l	99
67) Ethyl Benzene	11.843	91	7219222	105.53	ug/l	97
68) m/p-Xylenes	11.953	106	5362158	215.12	ug/l	94
69) o-Xylene	12.278	106	2713029	108.08	ug/l	93
70) Styrene	12.294	104	4501661	113.17	ug/l	96
71) Bromoform	12.457	173	1160350	118.22	ug/l #	100
73) Isopropylbenzene	12.578	105	7072151	102.40	ug/l	99
74) N-amyl acetate	12.388	43	3129988	103.96	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	2156678	90.99	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	2241502m	102.44	ug/l	
77) Bromobenzene	12.860	156	1613923	99.63	ug/l	78
78) n-propylbenzene	12.919	91	8171761	106.52	ug/l	97
79) 2-Chlorotoluene	13.007	91	4977733	102.46	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	5753707	103.54	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	721974	118.14	ug/l	95
82) 4-Chlorotoluene	13.104	91	4795613	105.02	ug/l	92
83) tert-Butylbenzene	13.321	119	5060425	103.11	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	5616900	106.09	ug/l	98
85) sec-Butylbenzene	13.501	105	7105612	106.74	ug/l	98
86) p-Isopropyltoluene	13.613	119	5674907	108.86	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	2670005	100.55	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	2608264	99.88	ug/l	97
89) n-Butylbenzene	13.940	91	4857627	114.88	ug/l	97
90) Hexachloroethane	14.209	117	1020433	111.91	ug/l	90
91) 1,2-Dichlorobenzene	13.989	146	2543910	98.41	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	431416	101.82	ug/l	80
93) 1,2,4-Trichlorobenzene	15.263	180	1337859	113.41	ug/l	98
94) Hexachlorobutadiene	15.367	225	699230	101.76	ug/l	98
95) Naphthalene	15.504	128	3811824	112.68	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	1272551	109.80	ug/l	99

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

