

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070893.D
 Acq On : 2 Feb 2022 14:37
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 02 15:20:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:12:54 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	8.086	168	831747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1383536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1307168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	569003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	1034134	86.754	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 173.500%#			
35) Dibromofluoromethane	8.019	113	766605	89.326	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 178.660%#			
50) Toluene-d8	10.440	98	3140469	86.863	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 173.720%#			
62) 4-Bromofluorobenzene	12.731	95	1207180	93.701	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 187.400%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	885515	92.133	ug/l	100
3) Chloromethane	2.301	50	1149685	81.835	ug/l	99
4) Vinyl Chloride	2.443	62	919140	68.787	ug/l	99
5) Bromomethane	2.818	94	508855	73.118	ug/l	99
6) Chloroethane	2.995	64	421722	50.575	ug/l	98
7) Trichlorofluoromethane	3.363	101	1022303	66.973	ug/l	97
8) Diethyl Ether	3.819	74	604523	90.661	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.202	101	784949	85.083	ug/l	96
10) Methyl Iodide	4.411	142	1210076	101.716	ug/l	97
11) Tert butyl alcohol	5.388	59	1189022	552.887	ug/l	98
12) 1,1-Dichloroethene	4.173	96	805015	87.488	ug/l	93
13) Acrolein	4.036	56	1255019	406.903	ug/l	100
14) Allyl chloride	4.832	41	1880118	93.778	ug/l #	84
15) Acrylonitrile	5.551	53	3245966	474.460	ug/l	99
16) Acetone	4.285	43	3061853	370.079	ug/l	97
17) Carbon Disulfide	4.521	76	2470198	98.847	ug/l	99
18) Methyl Acetate	4.851	43	1480417	90.985	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	3094606	94.144	ug/l	95
20) Methylene Chloride	5.090	84	950788	87.243	ug/l	89
21) trans-1,2-Dichloroethene	5.591	96	857004	92.541	ug/l	89
22) Diisopropyl ether	6.495	45	3507347	88.261	ug/l	92
23) Vinyl Acetate	6.431	43	15928569	472.862	ug/l	96
24) 1,1-Dichloroethane	6.383	63	1772865	89.189	ug/l	98
25) 2-Butanone	7.335	43	4724869	453.838	ug/l	93
26) 2,2-Dichloropropane	7.324	77	1401420	91.956	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	1009601	91.773	ug/l	88
28) Bromochloromethane	7.657	49	778999	87.287	ug/l #	79
29) Tetrahydrofuran	7.683	42	3073640	482.165	ug/l	89
30) Chloroform	7.818	83	1654382	74.129	ug/l	100
31) Cyclohexane	8.094	56	1758036	83.754	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	1442474	93.492	ug/l	98
36) 1,1-Dichloropropene	8.220	75	1296072	89.707	ug/l	97
37) Ethyl Acetate	7.413	43	1777883	92.689	ug/l	99
38) Carbon Tetrachloride	8.204	117	1204251	93.694	ug/l	98
39) Methylcyclohexane	9.459	83	1649325	92.470	ug/l	90
40) Benzene	8.459	78	3946754	88.162	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	916792	93.948	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	1355761	87.341	ug/l	100
43) Isopropyl Acetate	8.560	43	2849119	97.248	ug/l	95
44) Trichloroethene	9.215	130	938454	92.470	ug/l	93
45) 1,2-Dichloropropane	9.488	63	1082091	88.840	ug/l	99
46) Dibromomethane	9.577	93	648856	91.617	ug/l	96
47) Bromodichloromethane	9.762	83	1333262	92.094	ug/l	99
48) Methyl methacrylate	9.558	41	1390202	99.605	ug/l #	79
49) 1,4-Dioxane	9.569	88	454450	2167.654	ug/l #	84
51) 4-Methyl-2-Pentanone	10.331	43	9115898	487.626	ug/l	99
52) Toluene	10.505	92	2424895	90.554	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	1560589	100.471	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1678091	96.654	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	948891	90.200	ug/l	98
56) Ethyl methacrylate	10.760	69	1776565	100.456	ug/l	89
57) 1,3-Dichloropropane	11.044	76	1685082	90.483	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	2341351	560.719	ug/l	91
59) 2-Hexanone	11.084	43	6816809	501.949	ug/l	98
60) Dibromochloromethane	11.237	129	988423	100.730	ug/l	100
61) 1,2-Dibromoethane	11.344	107	1000383	94.715	ug/l	99
64) Tetrachloroethene	10.977	164	784399	81.843	ug/l	96
65) Chlorobenzene	11.768	112	2543501	89.809	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	914865	93.807	ug/l	99
67) Ethyl Benzene	11.843	91	4792154	91.265	ug/l	97
68) m/p-Xylenes	11.950	106	3567150	186.744	ug/l	95
69) o-Xylene	12.278	106	1779446	93.870	ug/l	93
70) Styrene	12.291	104	3005469	99.105	ug/l	97
71) Bromoform	12.457	173	793427	107.703	ug/l #	99
73) Isopropylbenzene	12.578	105	4610108	85.641	ug/l	98
74) N-amyl acetate	12.388	43	2187561	99.392	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	1515393	83.356	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	1262329m	83.645	ug/l	
77) Bromobenzene	12.860	156	1089334	90.257	ug/l	79
78) n-propylbenzene	12.919	91	5432299	90.236	ug/l	97
79) 2-Chlorotoluene	13.007	91	3286501	86.301	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	3821898	87.796	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	520076	102.667	ug/l	89
82) 4-Chlorotoluene	13.104	91	3224118	90.614	ug/l	92
83) tert-Butylbenzene	13.321	119	3339919	88.140	ug/l	95
84) 1,2,4-Trimethylbenzene	13.367	105	3748533	89.584	ug/l	97
85) sec-Butylbenzene	13.501	105	4775638	92.702	ug/l	97
86) p-Isopropyltoluene	13.613	119	3811683	94.188	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	1849169	92.104	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1811488	90.664	ug/l	98
89) n-Butylbenzene	13.940	91	3353867	100.459	ug/l	97
90) Hexachloroethane	14.209	117	682554	96.487	ug/l	96
91) 1,2-Dichlorobenzene	13.989	146	1741013	87.770	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	309942	100.506	ug/l	85
93) 1,2,4-Trichlorobenzene	15.263	180	1004096	113.975	ug/l	99
94) Hexachlorobutadiene	15.367	225	553244	94.172	ug/l	99
95) Naphthalene	15.504	128	2900703	127.403	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	966454	115.085	ug/l	99

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

