

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021522\
 Data File : VN070951.D
 Acq On : 15 Feb 2022 15:12
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 16 07:18:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:10:17 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/21/2022
 Supervised By :Semsettin Yesilyurt 02/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.075	168	770408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.957	114	1202870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1157065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	555615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	1305819	148.380	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 296.760%#			
35) Dibromofluoromethane	8.010	113	1076401	150.447	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 300.900%#			
50) Toluene-d8	10.433	98	4303302	149.771	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 299.540%#			
62) 4-Bromofluorobenzene	12.722	95	1651646	160.818	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 321.640%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.063	85	1138935	142.336	ug/l	99
3) Chloromethane	2.293	50	1379527	137.161	ug/l	99
4) Vinyl Chloride	2.446	62	1413347	140.377	ug/l	99
5) Bromomethane	2.816	94	659101	115.238	ug/l	99
6) Chloroethane	2.993	64	859945	130.191	ug/l	99
7) Trichlorofluoromethane	3.363	101	1723903	136.628	ug/l	98
8) Diethyl Ether	3.816	74	758950	138.367	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.193	101	1079058	139.389	ug/l	96
10) Methyl Iodide	4.404	142	1618011	150.914	ug/l	98
11) Tert butyl alcohol	5.387	59	1303652	812.833	ug/l	99
12) 1,1-Dichloroethene	4.169	96	1058556	140.349	ug/l	98
13) Acrolein	4.028	56	950982	663.559	ug/l	98
14) Allyl chloride	4.828	41	2058127	143.081	ug/l	89
15) Acrylonitrile	5.545	53	3573808	756.494	ug/l	98
16) Acetone	4.275	43	3140427	647.960	ug/l	94
17) Carbon Disulfide	4.516	76	3088817	142.809	ug/l	99
18) Methyl Acetate	4.846	43	1549619	132.498	ug/l	99
19) Methyl tert-butyl Ether	5.604	73	3973560	150.187	ug/l	97
20) Methylene Chloride	5.081	84	1226103	139.199	ug/l	97
21) trans-1,2-Dichloroethene	5.587	96	1152676	142.388	ug/l	95
22) Diisopropyl ether	6.487	45	4081668	147.949	ug/l	93
23) Vinyl Acetate	6.428	43	17840611	763.927	ug/l	99
24) 1,1-Dichloroethane	6.375	63	2190671	141.650	ug/l	99
25) 2-Butanone	7.328	43	4852903	752.689	ug/l	100
26) 2,2-Dichloropropane	7.316	77	1908235	148.462	ug/l	98
27) cis-1,2-Dichloroethene	7.316	96	1367463	146.972	ug/l	96
28) Bromochloromethane	7.651	49	941706	150.444	ug/l	93
29) Tetrahydrofuran	7.675	42	3153752	755.073	ug/l	96
30) Chloroform	7.810	83	2155617	141.716	ug/l	100
31) Cyclohexane	8.087	56	2110492	138.664	ug/l	96
32) 1,1,1-Trichloroethane	8.004	97	1934167	147.244	ug/l	98
36) 1,1-Dichloropropene	8.216	75	1714466	146.263	ug/l	98
37) Ethyl Acetate	7.404	43	1896627	150.871	ug/l	99
38) Carbon Tetrachloride	8.198	117	1718201	148.769	ug/l	99
39) Methylcyclohexane	9.451	83	2255985	149.571	ug/l	96
40) Benzene	8.451	78	5000580	144.221	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	971745	146.768	ug/l	94
42) 1,2-Dichloroethane	8.522	62	1708059	144.642	ug/l	97
43) Isopropyl Acetate	8.551	43	3098865	156.389	ug/l	98
44) Trichloroethene	9.210	130	1337157	146.452	ug/l	100
45) 1,2-Dichloropropane	9.481	63	1307520	147.216	ug/l	99
46) Dibromomethane	9.569	93	852802	145.905	ug/l	98
47) Bromodichloromethane	9.757	83	1763567	149.292	ug/l	99
48) Methyl methacrylate	9.551	41	1526578	162.764	ug/l #	84
49) 1,4-Dioxane	9.563	88	532343	3195.643	ug/l	93
51) 4-Methyl-2-Pentanone	10.328	43	9550256	792.163	ug/l	94
52) Toluene	10.498	92	3257804	149.527	ug/l	94
53) t-1,3-Dichloropropene	10.710	75	2093100	162.952	ug/l	99
54) cis-1,3-Dichloropropene	10.181	75	2223646	157.636	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	1251397	146.735	ug/l	99
56) Ethyl methacrylate	10.757	69	2179343	169.606	ug/l #	93
57) 1,3-Dichloropropane	11.039	76	2201613	149.246	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	2425967	1125.459	ug/l	98
59) 2-Hexanone	11.080	43	6973609	841.055	ug/l	95
60) Dibromochloromethane	11.233	129	1416307	157.143	ug/l	100
61) 1,2-Dibromoethane	11.339	107	1330141	153.340	ug/l	99
64) Tetrachloroethene	10.969	164	1183834	131.374	ug/l	99
65) Chlorobenzene	11.763	112	3546653	142.248	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	1335285	146.919	ug/l	99
67) Ethyl Benzene	11.839	91	6420968	147.140	ug/l	100
68) m/p-Xylenes	11.945	106	5006979	297.042	ug/l	98
69) o-Xylene	12.274	106	2488226	151.112	ug/l	99
70) Styrene	12.286	104	4218665	161.127	ug/l	98
71) Bromoform	12.451	173	1147791	158.571	ug/l #	99
73) Isopropylbenzene	12.574	105	6415542	143.453	ug/l	100
74) N-amyl acetate	12.380	43	2440687	170.729	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.822	83	1924363	135.409	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	1905858m	137.892	ug/l	
77) Bromobenzene	12.857	156	1586077	144.873	ug/l	91
78) n-propylbenzene	12.916	91	7484809	148.958	ug/l	100
79) 2-Chlorotoluene	12.998	91	4464699	146.313	ug/l	96
80) 1,3,5-Trimethylbenzene	13.051	105	5394709	148.894	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.622	75	669122	165.744	ug/l	85
82) 4-Chlorotoluene	13.098	91	4443675	150.019	ug/l	96
83) tert-Butylbenzene	13.316	119	4738355	137.898	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	5338422	149.678	ug/l	99
85) sec-Butylbenzene	13.492	105	6860425	151.521	ug/l	99
86) p-Isopropyltoluene	13.610	119	5831124	156.882	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	2868703	148.020	ug/l	98
88) 1,4-Dichlorobenzene	13.686	146	2777842	146.293	ug/l	99
89) n-Butylbenzene	13.933	91	4898042	161.519	ug/l	96
90) Hexachloroethane	14.204	117	1047748	157.844	ug/l	95
91) 1,2-Dichlorobenzene	13.980	146	2613011	143.581	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	377811	164.082	ug/l	98
93) 1,2,4-Trichlorobenzene	15.257	180	1568431	173.393	ug/l	99
94) Hexachlorobutadiene	15.363	225	877213	132.181	ug/l	99
95) Naphthalene	15.498	128	4037929	215.543	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	1459575	178.428	ug/l	99

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

