

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051822\
 Data File : VN072542.D
 Acq On : 18 May 2022 15:06
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: May 18 15:26:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 15:21:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/19/2022
 Supervised By : Mahesh Dadoda 05/19/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	172095	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	262345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	284990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	134650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	276099	104.328	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 208.660%#			
35) Dibromofluoromethane	8.016	113	187310	106.815	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 213.620%#			
50) Toluene-d8	10.433	98	718246	107.811	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 215.620%#			
62) 4-Bromofluorobenzene	12.727	95	307309	135.299	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 270.600%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.063	85	210436	101.030	ug/l	100
3) Chloromethane	2.293	50	200796	91.123	ug/l	96
4) Vinyl Chloride	2.446	62	152130	87.796	ug/l	99
5) Bromomethane	2.804	94	133850	121.412	ug/l	96
6) Chloroethane	2.934	64	124137	105.398	ug/l	99
7) Trichlorofluoromethane	3.316	101	338485	102.980	ug/l	98
8) Diethyl Ether	3.810	74	107005	92.192	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.181	101	159851	90.288	ug/l	96
10) Methyl Iodide	4.398	142	236546	101.492	ug/l	# 85
11) Tert butyl alcohol	5.404	59	153284	384.623	ug/l	97
12) 1,1-Dichloroethene	4.151	96	148132	89.481	ug/l	91
13) Acrolein	4.028	56	187303	470.658	ug/l	98
14) Allyl chloride	4.822	41	263067	85.263	ug/l	90
15) Acrylonitrile	5.551	53	480399	425.347	ug/l	97
16) Acetone	4.287	43	409715	413.028	ug/l	95
17) Carbon Disulfide	4.504	76	381838	88.793	ug/l	99
18) Methyl Acetate	4.846	43	230399	78.598	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	620481	101.514	ug/l	99
20) Methylene Chloride	5.075	84	180186	86.264	ug/l	96
21) trans-1,2-Dichloroethene	5.581	96	161850	91.553	ug/l	88
22) Diisopropyl ether	6.487	45	552821	87.307	ug/l	98
23) Vinyl Acetate	6.422	43	2499465	471.716	ug/l	96
24) 1,1-Dichloroethane	6.375	63	323584	90.153	ug/l	99
25) 2-Butanone	7.334	43	659663	418.553	ug/l	98
26) 2,2-Dichloropropane	7.316	77	310675	101.853	ug/l	94
27) cis-1,2-Dichloroethene	7.316	96	194485	92.140	ug/l	92
28) Bromochloromethane	7.645	49	130961	85.691	ug/l	98
29) Tetrahydrofuran	7.681	42	413602	404.417	ug/l	95
30) Chloroform	7.810	83	361199	97.757	ug/l	98
31) Cyclohexane	8.081	56	282695	83.840	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	356418	104.571	ug/l	99
36) 1,1-Dichloropropene	8.216	75	260163	105.903	ug/l	96
37) Ethyl Acetate	7.404	43	274934	95.369	ug/l	97
38) Carbon Tetrachloride	8.198	117	311277	112.210	ug/l	97
39) Methylcyclohexane	9.457	83	303206	110.537	ug/l	99
40) Benzene	8.451	78	717034	97.813	ug/l	100

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41) Methacrylonitrile	7.634	41	137788	94.591	ug/l	93
42) 1,2-Dichloroethane	8.522	62	328691	109.963	ug/l	94
43) Isopropyl Acetate	8.557	43	460996	102.133	ug/l	97
44) Trichloroethene	9.210	130	198243	106.220	ug/l	98
45) 1,2-Dichloropropane	9.486	63	178473	96.926	ug/l	98
46) Dibromomethane	9.569	93	135541	103.843	ug/l	97
47) Bromodichloromethane	9.757	83	300065	111.854	ug/l	99
48) Methyl methacrylate	9.557	41	245920	117.903	ug/l	87
49) 1,4-Dioxane	9.569	88	43372	1304.671	ug/l #	86
51) 4-Methyl-2-Pentanone	10.328	43	1625335	574.625	ug/l	95
52) Toluene	10.498	92	498536	108.988	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	341910	124.245	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	323365	111.411	ug/l #	88
55) 1,1,2-Trichloroethane	10.892	97	207521	107.682	ug/l	99
56) Ethyl methacrylate	10.757	69	371208	134.319	ug/l	91
57) 1,3-Dichloropropane	11.039	76	357067	109.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	440718	768.434	ug/l	100
59) 2-Hexanone	11.080	43	1142483	578.595	ug/l	93
60) Dibromochloromethane	11.233	129	261869	127.348	ug/l	99
61) 1,2-Dibromoethane	11.339	107	227334	118.181	ug/l	100
64) Tetrachloroethene	10.975	164	188632	93.228	ug/l	95
65) Chlorobenzene	11.769	112	597787	103.318	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	241079	103.976	ug/l	96
67) Ethyl Benzene	11.839	91	1101672	110.637	ug/l	98
68) m/p-Xylenes	11.945	106	850061	224.334	ug/l	90
69) o-Xylene	12.274	106	428352	114.864	ug/l	92
70) Styrene	12.292	104	714747	124.540	ug/l	95
71) Bromoform	12.457	173	198764	116.726	ug/l #	100
73) Isopropylbenzene	12.574	105	1159784	104.555	ug/l	98
74) N-amyl acetate	12.386	43	373198	96.785	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	304273	77.497	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	307974m	88.773	ug/l	
77) Bromobenzene	12.857	156	268031	100.977	ug/l	100
78) n-propylbenzene	12.916	91	1321009	111.010	ug/l	98
79) 2-Chlorotoluene	13.004	91	803438	101.971	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	996660	108.622	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	99046	96.306	ug/l	89
82) 4-Chlorotoluene	13.098	91	787402	105.990	ug/l	96
83) tert-Butylbenzene	13.316	119	869864	109.997	ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	966497	109.660	ug/l	96
85) sec-Butylbenzene	13.498	105	1164347	110.787	ug/l	99
86) p-Isopropyltoluene	13.610	119	966532	117.385	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	459179	100.757	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	454875	99.925	ug/l	99
89) n-Butylbenzene	13.939	91	739792	116.828	ug/l	99
90) Hexachloroethane	14.204	117	154863	94.206	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	445119	97.302	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	76563	108.435	ug/l	87
93) 1,2,4-Trichlorobenzene	15.257	180	233516	130.641	ug/l	99
94) Hexachlorobutadiene	15.362	225	114291	97.206	ug/l	98
95) Naphthalene	15.498	128	728988	141.676	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	228425	127.479	ug/l	97

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

