

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
 Data File : VN072800.D
 Acq On : 13 Jun 2022 12:15
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/14/2022
 Supervised By : Mahesh Dadoda 06/14/2022

Quant Time: Jun 13 13:36:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 13 13:32:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	163734	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	305195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	332810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	163028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	442744	150.409	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 300.820%#			
35) Dibromofluoromethane	8.016	113	292991	130.238	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 260.480%#			
50) Toluene-d8	10.439	98	1204789	138.800	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 277.600%#			
62) 4-Bromofluorobenzene	12.727	95	449629	153.723	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 307.440%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.063	85	229712	107.610	ug/l	98
3) Chloromethane	2.293	50	239025	103.846	ug/l	97
4) Vinyl Chloride	2.434	62	256651	133.841	ug/l	99
5) Bromomethane	2.810	94	108414	101.055	ug/l	94
6) Chloroethane	2.981	64	177923	140.007	ug/l	99
7) Trichlorofluoromethane	3.346	101	418709	121.407	ug/l	98
8) Diethyl Ether	3.816	74	167348	132.849	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.204	101	228890	121.418	ug/l	88
10) Methyl Iodide	4.410	142	189431	84.860	ug/l	# 84
11) Tert butyl alcohol	5.369	59	442927	861.095	ug/l	99
12) 1,1-Dichloroethene	4.169	96	205775	118.091	ug/l	87
13) Acrolein	4.034	56	104910	285.796	ug/l	98
14) Allyl chloride	4.828	41	484162	142.318	ug/l	# 89
15) Acrylonitrile	5.545	53	1058951	822.400	ug/l	99
16) Acetone	4.281	43	962894	823.275	ug/l	92
17) Carbon Disulfide	4.522	76	446445	102.586	ug/l	99
18) Methyl Acetate	4.840	43	502886	150.263	ug/l	91
19) Methyl tert-butyl Ether	5.610	73	999792	149.724	ug/l	99
20) Methylene Chloride	5.087	84	271604	123.045	ug/l	# 82
21) trans-1,2-Dichloroethene	5.587	96	221561	121.102	ug/l	86
22) Diisopropyl ether	6.492	45	1066944	151.405	ug/l	96
23) Vinyl Acetate	6.428	43	4912173	818.255	ug/l	# 92
24) 1,1-Dichloroethane	6.381	63	539913	139.216	ug/l	99
25) 2-Butanone	7.328	43	1579186	849.808	ug/l	90
26) 2,2-Dichloropropane	7.316	77	485091	146.249	ug/l	95
27) cis-1,2-Dichloroethene	7.316	96	299441	132.285	ug/l	86
28) Bromochloromethane	7.651	49	288499	166.978	ug/l	# 73
29) Tetrahydrofuran	7.681	42	987934	830.846	ug/l	89
30) Chloroform	7.810	83	562899	141.363	ug/l	98
31) Cyclohexane	8.092	56	414197	114.676	ug/l	87
32) 1,1,1-Trichloroethane	8.010	97	501869	138.890	ug/l	97
36) 1,1-Dichloropropene	8.216	75	378737	122.332	ug/l	95
37) Ethyl Acetate	7.404	43	606049	152.327	ug/l	95
38) Carbon Tetrachloride	8.198	117	412563	119.753	ug/l	99
39) Methylcyclohexane	9.457	83	432195	124.778	ug/l	91
40) Benzene	8.457	78	1143290	122.714	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	297160	147.548	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	494094	129.073	ug/l	95
43) Isopropyl Acetate	8.557	43	965389	156.889	ug/l #	92
44) Trichloroethene	9.210	130	266713	114.830	ug/l	82
45) 1,2-Dichloropropane	9.486	63	324283	134.135	ug/l	98
46) Dibromomethane	9.575	93	222055	131.515	ug/l #	82
47) Bromodichloromethane	9.757	83	478930	138.465	ug/l	99
48) Methyl methacrylate	9.557	41	443450	156.962	ug/l #	83
49) 1,4-Dioxane	9.563	88	166997	3359.775	ug/l #	88
51) 4-Methyl-2-Pentanone	10.328	43	3346237	855.421	ug/l	91
52) Toluene	10.504	92	753020	130.564	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	545042	153.338	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	545864	145.385	ug/l #	83
55) 1,1,2-Trichloroethane	10.892	97	320945	131.734	ug/l	98
56) Ethyl methacrylate	10.757	69	609070	167.711	ug/l #	80
57) 1,3-Dichloropropane	11.039	76	576332	138.380	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	1311694	1346.200	ug/l	92
59) 2-Hexanone	11.080	43	2543502	907.985	ug/l	88
60) Dibromochloromethane	11.233	129	356132	138.009	ug/l	100
61) 1,2-Dibromoethane	11.345	107	337790	139.304	ug/l	98
64) Tetrachloroethene	10.975	164	227661	93.620	ug/l	91
65) Chlorobenzene	11.769	112	816377	114.465	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	319627	111.569	ug/l	98
67) Ethyl Benzene	11.839	91	1555801	124.874	ug/l	98
68) m/p-Xylenes	11.951	106	1123448	241.629	ug/l	90
69) o-Xylene	12.274	106	573142	124.574	ug/l	90
70) Styrene	12.292	104	944256	133.348	ug/l	94
71) Bromoform	12.457	173	249729	119.265	ug/l #	99
73) Isopropylbenzene	12.574	105	1523972	109.816	ug/l	97
74) N-amyl acetate	12.386	43	802446	150.048	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.821	83	524183	101.861	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	536261m	117.978	ug/l	
77) Bromobenzene	12.857	156	305544	94.579	ug/l	69
78) n-propylbenzene	12.916	91	1781996	119.230	ug/l	95
79) 2-Chlorotoluene	13.004	91	1076436	110.162	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	1249453	110.708	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.621	75	191196	136.952	ug/l	89
82) 4-Chlorotoluene	13.098	91	1017437	110.261	ug/l	94
83) tert-Butylbenzene	13.321	119	1097279	110.850	ug/l	89
84) 1,2,4-Trimethylbenzene	13.363	105	1234324	111.847	ug/l	94
85) sec-Butylbenzene	13.498	105	1542058	115.936	ug/l	97
86) p-Isopropyltoluene	13.610	119	1236072	119.765	ug/l	94
87) 1,3-Dichlorobenzene	13.610	146	537630	96.284	ug/l	95
88) 1,4-Dichlorobenzene	13.692	146	518916	93.056	ug/l	96
89) n-Butylbenzene	13.939	91	1096056	135.931	ug/l	96
90) Hexachloroethane	14.210	117	253286	120.029	ug/l	74
91) 1,2-Dichlorobenzene	13.986	146	518089	92.892	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	128623	139.268	ug/l	71
93) 1,2,4-Trichlorobenzene	15.262	180	268242	124.519	ug/l	96
94) Hexachlorobutadiene	15.368	225	113913	83.150	ug/l	99
95) Naphthalene	15.504	128	1101593	164.841	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	277445	127.457	ug/l	96

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

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