

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072706.D
 Acq On : 08 Jun 2022 18:16
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 09 04:23:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 04:20:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	172214	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	323243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	347237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	166194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	463469	186.190	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 372.380%#			
35) Dibromofluoromethane	8.016	113	315198	134.867	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 269.740%#			
50) Toluene-d8	10.439	98	1286737	142.938	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 285.880%#			
62) 4-Bromofluorobenzene	12.727	95	480930	161.045	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 322.080%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.063	85	272843	149.069	ug/l	95
3) Chloromethane	2.293	50	302192	124.870	ug/l	100
4) Vinyl Chloride	2.434	62	288259	157.061	ug/l	99
5) Bromomethane	2.810	94	131347	124.218	ug/l	100
6) Chloroethane	2.975	64	186247	132.264	ug/l	99
7) Trichlorofluoromethane	3.346	101	456466	149.277	ug/l	99
8) Diethyl Ether	3.816	74	193667	175.016	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.198	101	251812	139.188	ug/l	90
10) Methyl Iodide	4.410	142	267266	131.408	ug/l	# 86
11) Tert butyl alcohol	5.369	59	551997	1070.771	ug/l	99
12) 1,1-Dichloroethene	4.169	96	242335	144.953	ug/l	89
13) Acrolein	4.034	56	228329	804.435	ug/l	97
14) Allyl chloride	4.828	41	547134	166.201	ug/l	# 90
15) Acrylonitrile	5.545	53	1189488	868.201	ug/l	99
16) Acetone	4.281	43	1106155	938.963	ug/l	91
17) Carbon Disulfide	4.522	76	568946	136.330	ug/l	99
18) Methyl Acetate	4.845	43	554352	150.395	ug/l	93
19) Methyl tert-butyl Ether	5.610	73	1103942	174.823	ug/l	100
20) Methylene Chloride	5.087	84	312346	133.388	ug/l	# 83
21) trans-1,2-Dichloroethene	5.587	96	257229	141.927	ug/l	88
22) Diisopropyl ether	6.492	45	1128055	163.379	ug/l	96
23) Vinyl Acetate	6.428	43	5337909	891.176	ug/l	94
24) 1,1-Dichloroethane	6.381	63	591414	159.835	ug/l	99
25) 2-Butanone	7.328	43	1758717	904.983	ug/l	91
26) 2,2-Dichloropropane	7.316	77	509286	172.951	ug/l	95
27) cis-1,2-Dichloroethene	7.322	96	335814	145.415	ug/l	88
28) Bromochloromethane	7.651	49	289103	180.509	ug/l	# 77
29) Tetrahydrofuran	7.681	42	1086964	905.135	ug/l	90
30) Chloroform	7.810	83	614561	157.940	ug/l	99
31) Cyclohexane	8.092	56	479090	136.503	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	557227	168.427	ug/l	97
36) 1,1-Dichloropropene	8.216	75	423908	131.690	ug/l	95
37) Ethyl Acetate	7.410	43	667598	150.337	ug/l	95
38) Carbon Tetrachloride	8.204	117	471381	137.807	ug/l	99
39) Methylcyclohexane	9.457	83	491165	126.518	ug/l	93
40) Benzene	8.457	78	1291620	125.811	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	272249m	123.553	ug/l	
42) 1,2-Dichloroethane	8.528	62	542314	153.781	ug/l	94
43) Isopropyl Acetate	8.557	43	1052806	166.063	ug/l	93
44) Trichloroethene	9.210	130	302544	116.874	ug/l	84
45) 1,2-Dichloropropane	9.486	63	359049	133.087	ug/l	99
46) Dibromomethane	9.575	93	244547	135.328	ug/l #	83
47) Bromodichloromethane	9.757	83	526074	146.567	ug/l	99
48) Methyl methacrylate	9.557	41	481716	158.742	ug/l #	84
49) 1,4-Dioxane	9.563	88	190783	3218.038	ug/l #	87
51) 4-Methyl-2-Pentanone	10.327	43	3560726	821.947	ug/l	92
52) Toluene	10.504	92	832574	128.159	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	601357	160.826	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	603234	147.257	ug/l #	84
55) 1,1,2-Trichloroethane	10.898	97	347312	128.821	ug/l	96
56) Ethyl methacrylate	10.757	69	650974	151.161	ug/l #	81
57) 1,3-Dichloropropane	11.039	76	633167	136.694	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	1393005	762.258	ug/l	93
59) 2-Hexanone	11.080	43	2717173	865.269	ug/l	89
60) Dibromochloromethane	11.233	129	387971	133.973	ug/l	99
61) 1,2-Dibromoethane	11.345	107	372758	132.139	ug/l	100
64) Tetrachloroethene	10.974	164	256824	98.616	ug/l	89
65) Chlorobenzene	11.769	112	893048	110.258	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	351320	114.227	ug/l	98
67) Ethyl Benzene	11.839	91	1712254	122.787	ug/l	97
68) m/p-Xylenes	11.951	106	1223878	233.684	ug/l	89
69) o-Xylene	12.274	106	616226	120.951	ug/l	89
70) Styrene	12.292	104	1028126	124.913	ug/l	94
71) Bromoform	12.457	173	275951	111.303	ug/l #	99
73) Isopropylbenzene	12.574	105	1653451	108.368	ug/l	98
74) N-amyl acetate	12.386	43	838815	143.855	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.827	83	560482	102.783	ug/l	99
76) 1,2,3-Trichloropropane	12.880	75	503411m	108.973	ug/l	
77) Bromobenzene	12.857	156	331342	90.877	ug/l	67
78) n-propylbenzene	12.916	91	1932092	114.078	ug/l	95
79) 2-Chlorotoluene	13.004	91	1176823	111.762	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	1338773	112.276	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	210121	127.958	ug/l	91
82) 4-Chlorotoluene	13.104	91	1101508	114.516	ug/l	94
83) tert-Butylbenzene	13.321	119	1169738	106.803	ug/l	89
84) 1,2,4-Trimethylbenzene	13.363	105	1315174	112.714	ug/l	95
85) sec-Butylbenzene	13.498	105	1652973	112.298	ug/l	97
86) p-Isopropyltoluene	13.615	119	1331563	115.091	ug/l	95
87) 1,3-Dichlorobenzene	13.615	146	583135	94.599	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	572202	94.239	ug/l	97
89) n-Butylbenzene	13.939	91	1168822	123.737	ug/l	97
90) Hexachloroethane	14.210	117	287149	120.875	ug/l	73
91) 1,2-Dichlorobenzene	13.986	146	559496	94.160	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	140988	143.347	ug/l	73
93) 1,2,4-Trichlorobenzene	15.262	180	288675	94.233	ug/l	97
94) Hexachlorobutadiene	15.368	225	123901	70.189	ug/l	100
95) Naphthalene	15.504	128	1197892	114.861	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	293804	89.852	ug/l	97

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

