

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071437.D
 Acq On : 21 Mar 2022 23:18
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 22 06:26:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	624697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1027298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	973213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	391624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	436058	50.931	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.860%			
35) Dibromofluoromethane	8.016	113	333422	51.433	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.860%			
50) Toluene-d8	10.439	98	1312150	50.272	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.540%			
62) 4-Bromofluorobenzene	12.727	95	469865	53.162	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	278851	40.729	ug/l	99
3) Chloromethane	2.293	50	397045	43.192	ug/l	99
4) Vinyl Chloride	2.434	62	370269	44.130	ug/l	99
5) Bromomethane	2.816	94	164801	43.170	ug/l	100
6) Chloroethane	2.987	64	233962	46.045	ug/l	99
7) Trichlorofluoromethane	3.357	101	501804	45.439	ug/l	95
8) Diethyl Ether	3.822	74	230502	48.775	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.204	101	292549	45.760	ug/l	95
10) Methyl Iodide	4.416	142	396497	43.910	ug/l	99
11) Tert butyl alcohol	5.363	59	486216	289.084	ug/l	98
12) 1,1-Dichloroethene	4.175	96	288848	46.121	ug/l	94
13) Acrolein	4.034	56	355896	199.917	ug/l	100
14) Allyl chloride	4.834	41	630458	46.284	ug/l	86
15) Acrylonitrile	5.545	53	1295511	259.407	ug/l	99
16) Acetone	4.281	43	1100399	264.147	ug/l	98
17) Carbon Disulfide	4.522	76	686193	38.486	ug/l	99
18) Methyl Acetate	4.845	43	612219	54.676	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	1205215	51.255	ug/l	96
20) Methylene Chloride	5.087	84	364749	47.922	ug/l	91
21) trans-1,2-Dichloroethene	5.587	96	303083	44.244	ug/l	91
22) Diisopropyl ether	6.492	45	1335999	49.785	ug/l	91
23) Vinyl Acetate	6.428	43	5886168	259.092	ug/l	98
24) 1,1-Dichloroethane	6.381	63	685242	48.324	ug/l	99
25) 2-Butanone	7.328	43	1825057	271.962	ug/l	94
26) 2,2-Dichloropropane	7.322	77	487693	44.580	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	390119	47.983	ug/l	91
28) Bromochloromethane	7.651	49	297868	47.170	ug/l	83
29) Tetrahydrofuran	7.681	42	1224721	263.436	ug/l	91
30) Chloroform	7.816	83	655222	48.446	ug/l	98
31) Cyclohexane	8.092	56	591980	43.298	ug/l	90
32) 1,1,1-Trichloroethane	8.010	97	565578	49.093	ug/l	98
36) 1,1-Dichloropropene	8.216	75	474416	45.676	ug/l	96
37) Ethyl Acetate	7.404	43	701226	49.056	ug/l	98
38) Carbon Tetrachloride	8.204	117	471454	46.927	ug/l	98
39) Methylcyclohexane	9.457	83	561574	45.960	ug/l	92
40) Benzene	8.457	78	1482476	47.373	ug/l	100

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41) Methacrylonitrile	7.628	41	344901	49.304	ug/l	92
42) 1,2-Dichloroethane	8.528	62	543192	49.881	ug/l	99
43) Isopropyl Acetate	8.557	43	1102461	51.575	ug/l	96
44) Trichloroethene	9.210	130	351335	47.582	ug/l	95
45) 1,2-Dichloropropane	9.486	63	405892	48.317	ug/l	100
46) Dibromomethane	9.575	93	253316	48.993	ug/l	96
47) Bromodichloromethane	9.757	83	513571	49.150	ug/l	100
48) Methyl methacrylate	9.557	41	527571	53.257	ug/l #	83
49) 1,4-Dioxane	9.563	88	200172	1162.513	ug/l #	87
51) 4-Methyl-2-Pentanone	10.327	43	3645862	274.825	ug/l	99
52) Toluene	10.504	92	929987	48.261	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	575316	49.948	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	619490	49.222	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	383885	49.715	ug/l	98
56) Ethyl methacrylate	10.757	69	677994	53.766	ug/l	92
57) 1,3-Dichloropropane	11.039	76	684483	49.385	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	801258	296.593	ug/l	95
59) 2-Hexanone	11.080	43	2717084	300.177	ug/l	100
60) Dibromochloromethane	11.233	129	396653	51.699	ug/l	99
61) 1,2-Dibromoethane	11.339	107	389824	49.395	ug/l	100
64) Tetrachloroethene	10.974	164	296418	43.671	ug/l	97
65) Chlorobenzene	11.769	112	995712	47.641	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	373158	48.692	ug/l	99
67) Ethyl Benzene	11.839	91	1816809	49.164	ug/l	96
68) m/p-Xylenes	11.951	106	1346893	99.630	ug/l	97
69) o-Xylene	12.274	106	682418	50.358	ug/l	97
70) Styrene	12.292	104	1103789	52.620	ug/l	98
71) Bromoform	12.451	173	308832	53.065	ug/l #	100
73) Isopropylbenzene	12.574	105	1773709	46.983	ug/l	99
74) N-amyl acetate	12.380	43	780546	54.989	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	620810	55.626	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	485562m	51.226	ug/l	
77) Bromobenzene	12.857	156	404613	45.962	ug/l	77
78) n-propylbenzene	12.916	91	1956741	48.302	ug/l	98
79) 2-Chlorotoluene	13.004	91	1210727	46.558	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	1406956	47.903	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	183581	50.674	ug/l	94
82) 4-Chlorotoluene	13.098	91	1138467	49.150	ug/l	94
83) tert-Butylbenzene	13.321	119	1292131	49.296	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1382769	49.151	ug/l	100
85) sec-Butylbenzene	13.498	105	1739823	49.938	ug/l	99
86) p-Isopropyltoluene	13.610	119	1396016	50.951	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	667937	46.697	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	645579	46.172	ug/l	98
89) n-Butylbenzene	13.939	91	1065850	49.737	ug/l	96
90) Hexachloroethane	14.204	117	264035	48.459	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	649627	47.240	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	118641	54.012	ug/l	85
93) 1,2,4-Trichlorobenzene	15.257	180	317322	49.475	ug/l	98
94) Hexachlorobutadiene	15.368	225	180298	46.703	ug/l	98
95) Naphthalene	15.498	128	1029498	56.600	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	323139	52.417	ug/l	99

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

