

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072092.D
 Acq On : 20 Apr 2022 21:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/21/2022
 Supervised By : Mahesh Dadoda 04/21/2022

Quant Time: Apr 21 03:36:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	467080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	735447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	682162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	317561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	271176	50.856	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.720%			
35) Dibromofluoromethane	8.016	113	234778	54.250	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.500%			
50) Toluene-d8	10.439	98	926842	52.353	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.700%			
62) 4-Bromofluorobenzene	12.727	95	321622	56.173	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 112.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	255147	68.711	ug/l	98
3) Chloromethane	2.298	50	269287	57.229	ug/l	99
4) Vinyl Chloride	2.440	62	270523	52.352	ug/l	97
5) Bromomethane	2.822	94	160384	47.746	ug/l	100
6) Chloroethane	2.993	64	173177	46.586	ug/l	97
7) Trichlorofluoromethane	3.363	101	390787	59.442	ug/l	99
8) Diethyl Ether	3.822	74	170122	61.230	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.210	101	235194	58.053	ug/l	97
10) Methyl Iodide	4.416	142	335578	59.255	ug/l	100
11) Tert butyl alcohol	5.369	59	279755	323.290	ug/l	98
12) 1,1-Dichloroethene	4.175	96	233427	60.547	ug/l	93
13) Acrolein	4.040	56	232281	220.149	ug/l	98
14) Allyl chloride	4.840	41	362448	57.922	ug/l	94
15) Acrylonitrile	5.545	53	780827	310.437	ug/l	99
16) Acetone	4.281	43	580906	254.916	ug/l	92
17) Carbon Disulfide	4.528	76	548763	62.037	ug/l	99
18) Methyl Acetate	4.851	43	343025	61.124	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	856011	59.766	ug/l	98
20) Methylene Chloride	5.092	84	281269	58.559	ug/l	96
21) trans-1,2-Dichloroethene	5.592	96	247357	58.445	ug/l	97
22) Diisopropyl ether	6.492	45	785407	57.655	ug/l	95
23) Vinyl Acetate	6.428	43	3370174	311.106	ug/l	99
24) 1,1-Dichloroethane	6.381	63	471238	58.926	ug/l	97
25) 2-Butanone	7.328	43	987183	300.494	ug/l	96
26) 2,2-Dichloropropane	7.316	77	359072	52.267	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	308053	59.356	ug/l	96
28) Bromochloromethane	7.657	49	166561	51.631	ug/l	95
29) Tetrahydrofuran	7.675	42	646681	304.005	ug/l	97
30) Chloroform	7.816	83	486925	57.664	ug/l	99
31) Cyclohexane	8.092	56	416648	57.456	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	417961	57.857	ug/l	98
36) 1,1-Dichloropropene	8.216	75	353574	58.505	ug/l	99
37) Ethyl Acetate	7.404	43	394080	59.576	ug/l	96
38) Carbon Tetrachloride	8.204	117	345092	58.264	ug/l	99
39) Methylcyclohexane	9.457	83	447168	62.159	ug/l	97
40) Benzene	8.457	78	1122047	58.774	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	204652	63.187	ug/l	92
42) 1,2-Dichloroethane	8.527	62	361218	54.697	ug/l	97
43) Isopropyl Acetate	8.557	43	626959	56.984	ug/l	100
44) Trichloroethene	9.210	130	288386	58.634	ug/l	96
45) 1,2-Dichloropropane	9.486	63	280819	58.881	ug/l	99
46) Dibromomethane	9.574	93	190285	58.763	ug/l	98
47) Bromodichloromethane	9.757	83	375987	58.985	ug/l	99
48) Methyl methacrylate	9.557	41	284462	62.318	ug/l	93
49) 1,4-Dioxane	9.569	88	130708	1209.898	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	1964991	310.634	ug/l	96
52) Toluene	10.504	92	729846	60.478	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	409398	61.282	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	450781	61.069	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	289897	58.369	ug/l	99
56) Ethyl methacrylate	10.757	69	465612	65.715	ug/l #	92
57) 1,3-Dichloropropane	11.039	76	490557	59.074	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	685552	309.922	ug/l	100
59) 2-Hexanone	11.080	43	1438835	323.068	ug/l	96
60) Dibromochloromethane	11.233	129	303896	62.752	ug/l	99
61) 1,2-Dibromoethane	11.339	107	298340	61.023	ug/l	99
64) Tetrachloroethene	10.974	164	252311	56.012	ug/l	96
65) Chlorobenzene	11.763	112	794272	58.148	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	282568	57.329	ug/l	99
67) Ethyl Benzene	11.839	91	1386181	59.947	ug/l	99
68) m/p-Xylenes	11.951	106	1082351	121.824	ug/l	99
69) o-Xylene	12.274	106	547024	62.031	ug/l	96
70) Styrene	12.292	104	877366	65.665	ug/l	99
71) Bromoform	12.451	173	232968	62.067	ug/l #	100
73) Isopropylbenzene	12.574	105	1350251	50.458	ug/l	100
74) N-amyl acetate	12.380	43	420462	54.839	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	432604	48.451	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	374005m	50.840	ug/l	
77) Bromobenzene	12.857	156	335771	50.053	ug/l	95
78) n-propylbenzene	12.915	91	1433887	50.939	ug/l	99
79) 2-Chlorotoluene	13.004	91	897898	49.738	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	1097961	51.785	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	125213	52.746	ug/l	94
82) 4-Chlorotoluene	13.098	91	858901	51.329	ug/l	100
83) tert-Butylbenzene	13.315	119	998821	51.536	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	1079653	52.190	ug/l	100
85) sec-Butylbenzene	13.498	105	1339801	53.327	ug/l	99
86) p-Isopropyltoluene	13.610	119	1093829	54.603	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	545651	51.056	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	533896	51.206	ug/l	100
89) n-Butylbenzene	13.939	91	822224	55.339	ug/l	99
90) Hexachloroethane	14.204	117	195875	53.415	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	529644	50.481	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	78227	56.484	ug/l	94
93) 1,2,4-Trichlorobenzene	15.256	180	276235	54.463	ug/l	100
94) Hexachlorobutadiene	15.362	225	149137	48.195	ug/l	99
95) Naphthalene	15.504	128	856009	58.495	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	275528	55.975	ug/l	99

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

