

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050222\
 Data File : VN072286.D
 Acq On : 02 May 2022 10:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 03 03:08:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/03/2022
 Supervised By : Mahesh Dadoda 05/03/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	232858	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.969	114	373815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	348298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	142037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	184459	51.599	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.200%			
35) Dibromofluoromethane	8.022	113	126193	52.742	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.480%			
50) Toluene-d8	10.439	98	490482	52.170	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.340%			
62) 4-Bromofluorobenzene	12.727	95	184860	59.239	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 118.480%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	128625	49.280	ug/l	100
3) Chloromethane	2.299	50	116558	39.631	ug/l	98
4) Vinyl Chloride	2.440	62	111229	42.432	ug/l	100
5) Bromomethane	2.828	94	65953	52.680	ug/l	95
6) Chloroethane	3.004	64	80310	54.346	ug/l	99
7) Trichlorofluoromethane	3.369	101	225089	49.150	ug/l	98
8) Diethyl Ether	3.822	74	76451	46.102	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.210	101	113084	47.009	ug/l	95
10) Methyl Iodide	4.422	142	135015	46.238	ug/l	# 81
11) Tert butyl alcohol	5.369	59	141314	240.543	ug/l	100
12) 1,1-Dichloroethene	4.181	96	98198	44.154	ug/l	95
13) Acrolein	4.040	56	126060	213.222	ug/l	97
14) Allyl chloride	4.840	41	192371	41.660	ug/l	95
15) Acrylonitrile	5.545	53	380545	214.656	ug/l	98
16) Acetone	4.287	43	423247	274.608	ug/l	94
17) Carbon Disulfide	4.528	76	223039	42.678	ug/l	100
18) Methyl Acetate	4.851	43	178854	41.503	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	445083	51.055	ug/l	98
20) Methylene Chloride	5.093	84	125485	42.474	ug/l	93
21) trans-1,2-Dichloroethene	5.592	96	103617	42.251	ug/l	84
22) Diisopropyl ether	6.492	45	412173	43.335	ug/l	96
23) Vinyl Acetate	6.428	43	1788194	223.855	ug/l	96
24) 1,1-Dichloroethane	6.381	63	236127	44.382	ug/l	98
25) 2-Butanone	7.328	43	538002	219.181	ug/l	95
26) 2,2-Dichloropropane	7.322	77	222480	53.533	ug/l	95
27) cis-1,2-Dichloroethene	7.322	96	134264	44.909	ug/l	89
28) Bromochloromethane	7.657	49	103217	43.326	ug/l	84
29) Tetrahydrofuran	7.681	42	322639	200.288	ug/l	96
30) Chloroform	7.816	83	255159	47.766	ug/l	100
31) Cyclohexane	8.092	56	190375	39.856	ug/l	90
32) 1,1,1-Trichloroethane	8.010	97	238112	52.380	ug/l	99
36) 1,1-Dichloropropene	8.222	75	175170	50.298	ug/l	95
37) Ethyl Acetate	7.410	43	209850	45.373	ug/l	97
38) Carbon Tetrachloride	8.204	117	206846	55.455	ug/l	98
39) Methylcyclohexane	9.457	83	194696	49.985	ug/l	94
40) Benzene	8.457	78	504332	46.687	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	109724	46.896	ug/l	88
42) 1,2-Dichloroethane	8.528	62	218415	52.813	ug/l	96
43) Isopropyl Acetate	8.557	43	323839	44.682	ug/l	97
44) Trichloroethene	9.210	130	119604	47.597	ug/l	88
45) 1,2-Dichloropropane	9.486	63	133778	45.830	ug/l	99
46) Dibromomethane	9.575	93	91777	50.191	ug/l	91
47) Bromodichloromethane	9.757	83	208306	54.292	ug/l	98
48) Methyl methacrylate	9.557	41	145270	47.551	ug/l	93
49) 1,4-Dioxane	9.563	88	55990	1043.309	ug/l #	87
51) 4-Methyl-2-Pentanone	10.327	43	1034726	237.114	ug/l	97
52) Toluene	10.504	92	331566	51.343	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	217788	56.468	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	225175	53.985	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	133208	49.195	ug/l	98
56) Ethyl methacrylate	10.757	69	222743	47.115	ug/l	93
57) 1,3-Dichloropropane	11.039	76	236319	49.735	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	261423	208.106	ug/l	95
59) 2-Hexanone	11.080	43	755796	245.823	ug/l	94
60) Dibromochloromethane	11.233	129	153233	55.342	ug/l	100
61) 1,2-Dibromoethane	11.345	107	134942	50.674	ug/l	100
64) Tetrachloroethene	10.974	164	102857	49.060	ug/l	90
65) Chlorobenzene	11.763	112	342924	48.728	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	138150	52.098	ug/l	96
67) Ethyl Benzene	11.839	91	656109	53.460	ug/l	95
68) m/p-Xylenes	11.951	106	478024	104.889	ug/l	87
69) o-Xylene	12.274	106	234576	53.094	ug/l	86
70) Styrene	12.292	104	387261	55.647	ug/l	93
71) Bromoform	12.457	173	111629	56.601	ug/l #	99
73) Isopropylbenzene	12.574	105	648762	51.716	ug/l	96
74) N-amyl acetate	12.386	43	216224	46.007	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	202605	48.377	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	166437m	50.271	ug/l	
77) Bromobenzene	12.857	156	140312	47.297	ug/l	86
78) n-propylbenzene	12.916	91	720594	52.142	ug/l	96
79) 2-Chlorotoluene	13.004	91	456427	50.282	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	547396	52.396	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.621	75	64743	52.705	ug/l	92
82) 4-Chlorotoluene	13.104	91	429684	50.851	ug/l	94
83) tert-Butylbenzene	13.321	119	478732	52.190	ug/l	92
84) 1,2,4-Trimethylbenzene	13.363	105	535020	52.929	ug/l	91
85) sec-Butylbenzene	13.498	105	641120	53.610	ug/l	97
86) p-Isopropyltoluene	13.610	119	527858	56.616	ug/l	93
87) 1,3-Dichlorobenzene	13.610	146	237972	49.563	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	232428	49.778	ug/l	97
89) n-Butylbenzene	13.939	91	402248	56.327	ug/l	98
90) Hexachloroethane	14.204	117	100266	49.540	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	235388	49.739	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	43877	50.572	ug/l	77
93) 1,2,4-Trichlorobenzene	15.262	180	107076	48.995	ug/l	97
94) Hexachlorobutadiene	15.362	225	66428	52.383	ug/l	98
95) Naphthalene	15.504	128	322736	44.396	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	106975	49.113	ug/l	98

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

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