

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
 Data File : VN072118.D
 Acq On : 21 Apr 2022 11:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 22 01:21:11 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/22/2022
 Supervised By : Mahesh Dadoda 04/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	493690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	740764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	676616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	288419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	269509	47.819	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.640%		
35) Dibromofluoromethane	8.016	113	235445	54.014	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	108.020%		
50) Toluene-d8	10.433	98	923054	51.765	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.540%		
62) 4-Bromofluorobenzene	12.727	95	313672	54.391	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.780%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	249607	63.596	ug/l	95
3) Chloromethane	2.299	50	241217	48.501	ug/l	100
4) Vinyl Chloride	2.440	62	253097	46.340	ug/l	95
5) Bromomethane	2.828	94	166150	46.797	ug/l	99
6) Chloroethane	2.999	64	177919	45.282	ug/l	100
7) Trichlorofluoromethane	3.363	101	365682	52.625	ug/l	100
8) Diethyl Ether	3.822	74	159609	54.350	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.210	101	237384	55.435	ug/l	98
10) Methyl Iodide	4.422	142	322610	53.895	ug/l	99
11) Tert butyl alcohol	5.363	59	217606	237.915	ug/l	99
12) 1,1-Dichloroethene	4.181	96	221773	54.424	ug/l	93
13) Acrolein	4.034	56	227767	204.235	ug/l	100
14) Allyl chloride	4.840	41	333896	50.483	ug/l	93
15) Acrylonitrile	5.545	53	693442	260.835	ug/l	99
16) Acetone	4.281	43	517351	214.789	ug/l	92
17) Carbon Disulfide	4.528	76	536592	57.392	ug/l	99
18) Methyl Acetate	4.851	43	310271	52.082	ug/l	98
19) Methyl tert-butyl Ether	5.610	73	783491	51.755	ug/l	99
20) Methylene Chloride	5.093	84	271125	53.405	ug/l	97
21) trans-1,2-Dichloroethene	5.593	96	239039	53.436	ug/l	97
22) Diisopropyl ether	6.492	45	750565	52.128	ug/l	95
23) Vinyl Acetate	6.428	43	3129251	273.296	ug/l	98
24) 1,1-Dichloroethane	6.381	63	453457	53.646	ug/l	98
25) 2-Butanone	7.328	43	865469	249.245	ug/l	98
26) 2,2-Dichloropropane	7.322	77	361149	49.735	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	300911	54.855	ug/l	96
28) Bromochloromethane	7.657	49	171991	50.441	ug/l	95
29) Tetrahydrofuran	7.681	42	572367	254.567	ug/l	96
30) Chloroform	7.810	83	468820	52.527	ug/l	100
31) Cyclohexane	8.092	56	403922	52.699	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	402352	52.695	ug/l	97
36) 1,1-Dichloropropene	8.216	75	342655	56.292	ug/l	99
37) Ethyl Acetate	7.404	43	345026	51.785	ug/l	96
38) Carbon Tetrachloride	8.198	117	334231	56.025	ug/l	99
39) Methylcyclohexane	9.451	83	441378	60.914	ug/l	96
40) Benzene	8.457	78	1087768	56.569	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	167130	51.231	ug/l	93
42) 1,2-Dichloroethane	8.522	62	345755	51.980	ug/l	96
43) Isopropyl Acetate	8.557	43	555564	50.132	ug/l	97
44) Trichloroethene	9.210	130	280691	56.660	ug/l	99
45) 1,2-Dichloropropane	9.486	63	269382	56.077	ug/l	99
46) Dibromomethane	9.569	93	182729	56.025	ug/l	97
47) Bromodichloromethane	9.757	83	365122	56.870	ug/l	96
48) Methyl methacrylate	9.557	41	254132	55.274	ug/l	91
49) 1,4-Dioxane	9.563	88	114476	1050.213	ug/l	99
51) 4-Methyl-2-Pentanone	10.327	43	1773393	278.333	ug/l	95
52) Toluene	10.498	92	714755	58.803	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	382381	56.827	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	436402	58.697	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	277080	55.387	ug/l	99
56) Ethyl methacrylate	10.757	69	436962	61.229	ug/l	91
57) 1,3-Dichloropropane	11.039	76	456602	54.590	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	599988	271.518	ug/l	100
59) 2-Hexanone	11.080	43	1217821	271.480	ug/l	95
60) Dibromochloromethane	11.233	129	285993	58.631	ug/l	100
61) 1,2-Dibromoethane	11.339	107	280625	56.988	ug/l	99
64) Tetrachloroethene	10.975	164	246471	55.164	ug/l	97
65) Chlorobenzene	11.763	112	756270	55.820	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	275109	56.273	ug/l	99
67) Ethyl Benzene	11.839	91	1331743	58.065	ug/l	98
68) m/p-Xylenes	11.945	106	1048279	118.956	ug/l	99
69) o-Xylene	12.274	106	518655	59.296	ug/l	97
70) Styrene	12.286	104	827947	62.474	ug/l	99
71) Bromoform	12.451	173	227110	61.002	ug/l #	99
73) Isopropylbenzene	12.574	105	1320319	54.325	ug/l	99
74) N-amyl acetate	12.380	43	371638	53.368	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	407587	50.262	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	291646m	43.650	ug/l	
77) Bromobenzene	12.857	156	319357	52.416	ug/l	96
78) n-propylbenzene	12.916	91	1424968	55.737	ug/l	100
79) 2-Chlorotoluene	13.004	91	876443	53.455	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	1072267	55.683	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	117512	54.504	ug/l	96
82) 4-Chlorotoluene	13.098	91	830835	54.669	ug/l	100
83) tert-Butylbenzene	13.316	119	964659	54.802	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1048741	55.818	ug/l	100
85) sec-Butylbenzene	13.498	105	1270129	55.662	ug/l	99
86) p-Isopropyltoluene	13.610	119	1066091	58.595	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	526885	54.282	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	512697	54.141	ug/l	98
89) n-Butylbenzene	13.939	91	787144	58.331	ug/l	100
90) Hexachloroethane	14.204	117	190478	57.191	ug/l	95
91) 1,2-Dichlorobenzene	13.980	146	518800	54.444	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	66317	52.723	ug/l	93
93) 1,2,4-Trichlorobenzene	15.257	180	240660	52.328	ug/l	99
94) Hexachlorobutadiene	15.362	225	147094	52.338	ug/l	99
95) Naphthalene	15.498	128	680644	51.685	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	239070	53.584	ug/l	99

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

