

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050522\
 Data File : VN072345.D
 Acq On : 05 May 2022 17:50
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 06 01:36:53 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 05/06/2022
 Supervised By : Mahesh Dadoda 05/06/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	225847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	371163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	344539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	151909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	166454	48.007	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.020%		
35) Dibromofluoromethane	8.016	113	123270	51.889	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.780%		
50) Toluene-d8	10.439	98	479826	51.401	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.800%		
62) 4-Bromofluorobenzene	12.727	95	165729	53.488	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	112482	44.417	ug/l	95
3) Chloromethane	2.299	50	112036	39.268	ug/l	97
4) Vinyl Chloride	2.440	62	93961	36.957	ug/l	98
5) Bromomethane	2.828	94	55364	45.280	ug/l	98
6) Chloroethane	2.999	64	58750	40.569	ug/l	100
7) Trichlorofluoromethane	3.369	101	194932	43.887	ug/l	97
8) Diethyl Ether	3.822	74	75241	46.781	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.210	101	112276	48.122	ug/l	98
10) Methyl Iodide	4.416	142	131837	46.551	ug/l #	89
11) Tert butyl alcohol	5.369	59	130285	228.654	ug/l	98
12) 1,1-Dichloroethene	4.175	96	97767	45.325	ug/l	94
13) Acrolein	4.040	56	97367	169.802	ug/l	94
14) Allyl chloride	4.840	41	208303	46.510	ug/l	95
15) Acrylonitrile	5.546	53	398958	232.028	ug/l	99
16) Acetone	4.281	43	336433	225.058	ug/l	98
17) Carbon Disulfide	4.528	76	202413	39.957	ug/l	99
18) Methyl Acetate	4.851	43	200762	48.039	ug/l	91
19) Methyl tert-butyl Ether	5.610	73	423768	50.119	ug/l	99
20) Methylene Chloride	5.093	84	125917	43.944	ug/l	91
21) trans-1,2-Dichloroethene	5.598	96	106612	44.822	ug/l	90
22) Diisopropyl ether	6.493	45	458454	49.697	ug/l	96
23) Vinyl Acetate	6.428	43	1904899	245.868	ug/l #	93
24) 1,1-Dichloroethane	6.387	63	234940	45.530	ug/l	99
25) 2-Butanone	7.328	43	550525	231.246	ug/l	93
26) 2,2-Dichloropropane	7.322	77	198917	49.350	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	137810	47.526	ug/l	93
28) Bromochloromethane	7.651	49	108010	46.746	ug/l	85
29) Tetrahydrofuran	7.681	42	357367	228.734	ug/l	89
30) Chloroform	7.810	83	243357	46.971	ug/l	97
31) Cyclohexane	8.092	56	190790	41.183	ug/l	90
32) 1,1,1-Trichloroethane	8.010	97	214629	48.679	ug/l	100
36) 1,1-Dichloropropene	8.216	75	166523	48.157	ug/l	97
37) Ethyl Acetate	7.404	43	217317	47.323	ug/l	97
38) Carbon Tetrachloride	8.204	117	181261	48.943	ug/l	100
39) Methylcyclohexane	9.457	83	188756	48.806	ug/l	95
40) Benzene	8.457	78	503978	46.987	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	125105	53.852	ug/l #	84
42) 1,2-Dichloroethane	8.522	62	202518	49.319	ug/l	98
43) Isopropyl Acetate	8.551	43	340562	47.277	ug/l	95
44) Trichloroethene	9.210	130	124719	49.987	ug/l	93
45) 1,2-Dichloropropane	9.486	63	141066	48.673	ug/l	94
46) Dibromomethane	9.569	93	93264	51.368	ug/l	90
47) Bromodichloromethane	9.757	83	195818	51.402	ug/l	100
48) Methyl methacrylate	9.557	41	151291	49.875	ug/l	93
49) 1,4-Dioxane	9.563	88	52471	984.723	ug/l #	89
51) 4-Methyl-2-Pentanone	10.328	43	1127791	260.287	ug/l	93
52) Toluene	10.504	92	320790	50.029	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	206114	53.823	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	216828	52.355	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	135679	50.466	ug/l	98
56) Ethyl methacrylate	10.757	69	219844	46.848	ug/l	91
57) 1,3-Dichloropropane	11.039	76	239034	50.666	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	280725	223.622	ug/l	95
59) 2-Hexanone	11.080	43	799066	261.754	ug/l	91
60) Dibromochloromethane	11.233	129	147372	53.605	ug/l	99
61) 1,2-Dibromoethane	11.339	107	134451	50.850	ug/l	99
64) Tetrachloroethene	10.975	164	106778	51.486	ug/l	95
65) Chlorobenzene	11.763	112	345265	49.596	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	135022	51.474	ug/l	99
67) Ethyl Benzene	11.839	91	622916	51.309	ug/l	99
68) m/p-Xylenes	11.951	106	472571	104.824	ug/l	94
69) o-Xylene	12.275	106	235417	53.865	ug/l	96
70) Styrene	12.292	104	385413	55.985	ug/l	98
71) Bromoform	12.457	173	104543	53.586	ug/l	100
73) Isopropylbenzene	12.575	105	619520	46.175	ug/l	100
74) N-amyl acetate	12.386	43	233293	46.413	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.822	83	209104	46.633	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	156092m	44.723	ug/l	
77) Bromobenzene	12.857	156	139456	43.954	ug/l	89
78) n-propylbenzene	12.916	91	701295	47.448	ug/l	97
79) 2-Chlorotoluene	13.004	91	430047	44.297	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	517977	46.358	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.622	75	61760	47.009	ug/l	95
82) 4-Chlorotoluene	13.098	91	413709	45.778	ug/l	96
83) tert-Butylbenzene	13.322	119	462238	47.117	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	498678	46.128	ug/l	99
85) sec-Butylbenzene	13.498	105	636675	49.779	ug/l	97
86) p-Isopropyltoluene	13.610	119	520466	52.196	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	252451	49.161	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	249833	50.028	ug/l	98
89) n-Butylbenzene	13.939	91	392780	51.426	ug/l	98
90) Hexachloroethane	14.204	117	94207	43.522	ug/l	86
91) 1,2-Dichlorobenzene	13.986	146	250413	49.476	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	40575	43.727	ug/l	85
93) 1,2,4-Trichlorobenzene	15.257	180	106949	45.917	ug/l	97
94) Hexachlorobutadiene	15.368	225	64486	47.547	ug/l	99
95) Naphthalene	15.504	128	319314	41.393	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	106975	46.095	ug/l	99

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

