

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040522\
 Data File : VN071869.D
 Acq On : 05 Apr 2022 20:26
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 06 06:45:27 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 04/06/2022
 Supervised By : Mahesh Dadoda 04/06/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	535626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	850263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	793234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	301281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	318951	52.161	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.320%			
35) Dibromofluoromethane	8.016	113	274835	54.931	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.860%			
50) Toluene-d8	10.439	98	1120960	54.768	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.540%			
62) 4-Bromofluorobenzene	12.727	95	363614	54.931	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	189578	44.520	ug/l	97
3) Chloromethane	2.298	50	237315	43.980	ug/l	99
4) Vinyl Chloride	2.440	62	262708	44.334	ug/l	100
5) Bromomethane	2.822	94	150610	39.099	ug/l	97
6) Chloroethane	2.998	64	170733	40.051	ug/l	96
7) Trichlorofluoromethane	3.363	101	343365	45.544	ug/l	100
8) Diethyl Ether	3.822	74	162984	51.154	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.204	101	212487	45.736	ug/l	98
10) Methyl Iodide	4.416	142	300000	46.194	ug/l	100
11) Tert butyl alcohol	5.369	59	300425	302.747	ug/l	99
12) 1,1-Dichloroethene	4.181	96	209493	47.385	ug/l	95
13) Acrolein	4.040	56	318860	263.531	ug/l	98
14) Allyl chloride	4.839	41	354517	49.405	ug/l	94
15) Acrylonitrile	5.545	53	841699	291.813	ug/l	99
16) Acetone	4.281	43	625430	239.331	ug/l	95
17) Carbon Disulfide	4.528	76	424834	41.881	ug/l	99
18) Methyl Acetate	4.851	43	349547	54.141	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	852655	51.914	ug/l	98
20) Methylene Chloride	5.092	84	272221	49.422	ug/l	98
21) trans-1,2-Dichloroethene	5.592	96	228716	47.125	ug/l	99
22) Diisopropyl ether	6.492	45	819120	52.435	ug/l	97
23) Vinyl Acetate	6.428	43	3438895	276.824	ug/l	100
24) 1,1-Dichloroethane	6.386	63	464042	50.600	ug/l	98
25) 2-Butanone	7.328	43	1049751	278.647	ug/l	97
26) 2,2-Dichloropropane	7.322	77	338162	42.924	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	299870	50.385	ug/l	97
28) Bromochloromethane	7.657	49	190718	51.554	ug/l	98
29) Tetrahydrofuran	7.680	42	686208	281.304	ug/l	98
30) Chloroform	7.816	83	488760	50.474	ug/l	98
31) Cyclohexane	8.092	56	363006	43.653	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	403184	48.669	ug/l	99
36) 1,1-Dichloropropene	8.216	75	327736	46.907	ug/l	100
37) Ethyl Acetate	7.410	43	420053	54.927	ug/l	99
38) Carbon Tetrachloride	8.204	117	333174	48.656	ug/l	98
39) Methylcyclohexane	9.457	83	374876	45.073	ug/l	99
40) Benzene	8.457	78	1090463	49.406	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	216104	57.712	ug/l	91
42) 1,2-Dichloroethane	8.527	62	365259	47.840	ug/l	97
43) Isopropyl Acetate	8.557	43	634913	49.914	ug/l	100
44) Trichloroethene	9.216	130	272577	47.936	ug/l	99
45) 1,2-Dichloropropane	9.486	63	283337	51.386	ug/l	98
46) Dibromomethane	9.574	93	187353	50.045	ug/l	98
47) Bromodichloromethane	9.757	83	388931	52.777	ug/l	100
48) Methyl methacrylate	9.557	41	276811	52.453	ug/l	92
49) 1,4-Dioxane	9.563	88	143019	1144.336	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	2147379	293.626	ug/l	98
52) Toluene	10.504	92	713422	51.134	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	411870	53.327	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	451564	52.914	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	299430	52.147	ug/l	99
56) Ethyl methacrylate	10.757	69	486262	59.362	ug/l	93
57) 1,3-Dichloropropane	11.039	76	501143	52.199	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	582889	232.416	ug/l	99
59) 2-Hexanone	11.080	43	1531499	297.439	ug/l	96
60) Dibromochloromethane	11.233	129	314064	56.094	ug/l	99
61) 1,2-Dibromoethane	11.339	107	303937	53.773	ug/l	100
64) Tetrachloroethene	10.974	164	234043	44.682	ug/l	96
65) Chlorobenzene	11.768	112	787262	49.565	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	290742	50.728	ug/l	99
67) Ethyl Benzene	11.839	91	1365467	50.783	ug/l	99
68) m/p-Xylenes	11.951	106	1046319	101.278	ug/l	99
69) o-Xylene	12.274	106	526808	51.374	ug/l	98
70) Styrene	12.292	104	841841	54.183	ug/l	99
71) Bromoform	12.457	173	246842	56.555	ug/l	100
73) Isopropylbenzene	12.574	105	1335681	52.610	ug/l	99
74) N-amyl acetate	12.380	43	426942	58.693	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.821	83	448221	52.913	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	386828m	55.424	ug/l	
77) Bromobenzene	12.857	156	315988	49.649	ug/l	98
78) n-propylbenzene	12.915	91	1420331	53.184	ug/l	100
79) 2-Chlorotoluene	13.004	91	882836	51.547	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1069402	53.164	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	127259	56.505	ug/l	96
82) 4-Chlorotoluene	13.098	91	809220	50.974	ug/l	100
83) tert-Butylbenzene	13.321	119	968380	52.665	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	1052173	53.610	ug/l	100
85) sec-Butylbenzene	13.498	105	1277234	53.584	ug/l	100
86) p-Isopropyltoluene	13.610	119	1031804	54.290	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	504564	49.763	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	481389	48.665	ug/l	99
89) n-Butylbenzene	13.939	91	746357	52.947	ug/l	100
90) Hexachloroethane	14.204	117	196294	56.422	ug/l	98
91) 1,2-Dichlorobenzene	13.986	146	497358	49.965	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	75172	57.211	ug/l	96
93) 1,2,4-Trichlorobenzene	15.256	180	232033	48.459	ug/l	99
94) Hexachlorobutadiene	15.362	225	132082	44.990	ug/l	99
95) Naphthalene	15.503	128	717120	52.097	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	234418	50.446	ug/l	99

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

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