

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072755.D
 Acq On : 10 Jun 2022 02:01
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 10 03:02:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 06/10/2022
 Supervised By :Mahesh
 Dadoda
 06/10/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	164053	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	303442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	307049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	143669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	233405	53.010	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.020%			
35) Dibromofluoromethane	8.016	113	155567	51.812	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.620%			
50) Toluene-d8	10.439	98	608841	50.824	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.640%			
62) 4-Bromofluorobenzene	12.727	95	211626	51.482	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.960%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	124441	46.761	ug/l	97
3) Chloromethane	2.299	50	129191	44.669	ug/l	98
4) Vinyl Chloride	2.434	62	137305	47.117	ug/l	97
5) Bromomethane	2.828	94	66810	49.986	ug/l	95
6) Chloroethane	2.999	64	96710	52.319	ug/l	96
7) Trichlorofluoromethane	3.363	101	228176	49.194	ug/l	99
8) Diethyl Ether	3.822	74	92597	49.101	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.199	101	118578	46.686	ug/l	91
10) Methyl Iodide	4.416	142	119310	50.379	ug/l	# 85
11) Tert butyl alcohol	5.363	59	245780	233.999	ug/l	99
12) 1,1-Dichloroethene	4.181	96	111929	47.284	ug/l	84
13) Acrolein	4.040	56	107020	246.705	ug/l	99
14) Allyl chloride	4.834	41	247467	45.281	ug/l	# 90
15) Acrylonitrile	5.546	53	557604	250.560	ug/l	98
16) Acetone	4.281	43	535071	253.608	ug/l	92
17) Carbon Disulfide	4.528	76	244465	44.775	ug/l	99
18) Methyl Acetate	4.846	43	272728	49.681	ug/l	91
19) Methyl tert-butyl Ether	5.604	73	541379	50.563	ug/l	96
20) Methylene Chloride	5.093	84	147337	48.919	ug/l	87
21) trans-1,2-Dichloroethene	5.593	96	122033	46.818	ug/l	84
22) Diisopropyl ether	6.493	45	560685	50.619	ug/l	97
23) Vinyl Acetate	6.428	43	2555680	252.012	ug/l	# 93
24) 1,1-Dichloroethane	6.387	63	288914	50.230	ug/l	98
25) 2-Butanone	7.334	43	837830	246.860	ug/l	91
26) 2,2-Dichloropropane	7.322	77	159430	30.655	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	159635	48.150	ug/l	91
28) Bromochloromethane	7.651	49	142429	52.429	ug/l	# 76
29) Tetrahydrofuran	7.681	42	532062	253.703	ug/l	90
30) Chloroform	7.810	83	299685	49.982	ug/l	99
31) Cyclohexane	8.092	56	231659	49.690	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	262357	49.515	ug/l	95
36) 1,1-Dichloropropene	8.216	75	198686	47.673	ug/l	95
37) Ethyl Acetate	7.410	43	325606	50.287	ug/l	95
38) Carbon Tetrachloride	8.204	117	223352	50.149	ug/l	99
39) Methylcyclohexane	9.457	83	225189	46.562	ug/l	94
40) Benzene	8.457	78	617997	48.864	ug/l	99

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41) Methacrylonitrile	7.628	41	112749m	51.657	ug/l	
42) 1,2-Dichloroethane	8.528	62	262684	50.095	ug/l	95
43) Isopropyl Acetate	8.557	43	499426	49.527	ug/l	94
44) Trichloroethene	9.216	130	142738	48.477	ug/l	82
45) 1,2-Dichloropropane	9.486	63	171434	50.163	ug/l	98
46) Dibromomethane	9.575	93	117688	49.261	ug/l #	82
47) Bromodichloromethane	9.757	83	245717	50.032	ug/l	96
48) Methyl methacrylate	9.557	41	233182	48.875	ug/l #	84
49) 1,4-Dioxane	9.563	88	81839	938.410	ug/l #	88
51) 4-Methyl-2-Pentanone	10.328	43	1652910	251.695	ug/l	91
52) Toluene	10.504	92	380579	48.196	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	244563	44.827	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	260469	46.206	ug/l #	84
55) 1,1,2-Trichloroethane	10.898	97	162914	47.809	ug/l	97
56) Ethyl methacrylate	10.757	69	293974	48.778	ug/l #	78
57) 1,3-Dichloropropane	11.039	76	293900	48.300	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	617679	257.159	ug/l	93
59) 2-Hexanone	11.081	43	1239209	256.618	ug/l	89
60) Dibromochloromethane	11.233	129	171892	48.601	ug/l	98
61) 1,2-Dibromoethane	11.345	107	167185	47.872	ug/l	100
64) Tetrachloroethene	10.975	164	122210	47.276	ug/l	91
65) Chlorobenzene	11.769	112	392466	47.967	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	157713	48.456	ug/l	98
67) Ethyl Benzene	11.839	91	755833	49.129	ug/l	97
68) m/p-Xylenes	11.951	106	534742	97.807	ug/l	89
69) o-Xylene	12.275	106	275890	50.200	ug/l	91
70) Styrene	12.292	104	438380	50.751	ug/l	94
71) Bromoform	12.457	173	114220	49.893	ug/l #	98
73) Isopropylbenzene	12.575	105	716908	46.520	ug/l	97
74) N-amyl acetate	12.386	43	371922	51.926	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.822	83	255235	47.712	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	215455m	46.473	ug/l	
77) Bromobenzene	12.857	156	143390	47.200	ug/l	69
78) n-propylbenzene	12.916	91	808382	48.044	ug/l	95
79) 2-Chlorotoluene	13.004	91	493309	46.735	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	579491	47.458	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.622	75	71867	40.541	ug/l	88
82) 4-Chlorotoluene	13.104	91	461370	47.325	ug/l	94
83) tert-Butylbenzene	13.322	119	510908	47.639	ug/l	89
84) 1,2,4-Trimethylbenzene	13.363	105	575539	49.261	ug/l	95
85) sec-Butylbenzene	13.498	105	709458	49.026	ug/l	96
86) p-Isopropyltoluene	13.610	119	557838	49.004	ug/l	94
87) 1,3-Dichlorobenzene	13.610	146	243132	47.120	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	239087	47.296	ug/l	96
89) n-Butylbenzene	13.939	91	460392	48.004	ug/l	96
90) Hexachloroethane	14.204	117	116567	47.311	ug/l	72
91) 1,2-Dichlorobenzene	13.986	146	244268	48.298	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	58990	45.651	ug/l	74
93) 1,2,4-Trichlorobenzene	15.263	180	117423	48.263	ug/l	96
94) Hexachlorobutadiene	15.368	225	49737	45.635	ug/l	97
95) Naphthalene	15.504	128	507048	53.715	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	118123	48.756	ug/l	97

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ClientSampleId :
VSTDCCC050EC

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

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