

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012523\
 Data File : VN076390.D
 Acq On : 25 Jan 2023 10:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 26 07:09:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

01/26/2023
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	362257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	585664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	535386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	266034	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.582	65	210869	51.988	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.980%	
35) Dibromofluoromethane	8.177	113	182667	49.860	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.720%	
50) Toluene-d8	10.571	98	683608	50.525	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.060%	
62) 4-Bromofluorobenzene	12.853	95	244131	55.272	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.540%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.142	85	169872	45.760	ug/l	96
3) Chloromethane	2.371	50	181366	47.187	ug/l	97
4) Vinyl Chloride	2.530	62	265537	56.342	ug/l	99
5) Bromomethane	2.953	94	197078	51.063	ug/l	98
6) Chloroethane	3.130	64	184890	52.318	ug/l	97
7) Trichlorofluoromethane	3.512	101	325517	50.204	ug/l	99
8) Diethyl Ether	3.977	74	110528	50.823	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.389	101	178779	48.707	ug/l	96
10) Methyl Iodide	4.606	142	259860	46.348	ug/l	97
11) Tert butyl alcohol	5.536	59	120423	221.964	ug/l	100
12) 1,1-Dichloroethene	4.359	96	164919	47.530	ug/l	93
13) Acrolein	4.194	56	189110	291.468	ug/l	100
14) Allyl chloride	5.036	41	199072	49.233	ug/l	97
15) Acrylonitrile	5.730	53	382611	247.824	ug/l	100
16) Acetone	4.442	43	387651	298.144	ug/l	97
17) Carbon Disulfide	4.724	76	375137	43.421	ug/l	96
18) Methyl Acetate	5.041	43	207629	47.118	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	572927	50.720	ug/l	97
20) Methylene Chloride	5.289	84	189283	49.186	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	173886	46.259	ug/l	97
22) Diisopropyl ether	6.683	45	513868	53.890	ug/l	98
23) Vinyl Acetate	6.612	43	1610558	261.337	ug/l	98
24) 1,1-Dichloroethane	6.583	63	319541	50.273	ug/l	98
25) 2-Butanone	7.488	43	510680	257.152	ug/l	96
26) 2,2-Dichloropropane	7.500	77	263960	49.273	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	214675	48.966	ug/l	97
28) Bromochloromethane	7.818	49	136753	53.081	ug/l	94
29) Tetrahydrofuran	7.841	42	313986	256.175	ug/l	96
30) Chloroform	7.971	83	361015	51.331	ug/l	99
31) Cyclohexane	8.265	56	281641	45.201	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	321926	50.135	ug/l	98
36) 1,1-Dichloropropene	8.377	75	258030	49.565	ug/l	99
37) Ethyl Acetate	7.565	43	199332	47.739	ug/l	99
38) Carbon Tetrachloride	8.371	117	291396	50.194	ug/l	100
39) Methylcyclohexane	9.606	83	315061	49.559	ug/l	96
40) Benzene	8.612	78	770479	49.496	ug/l	98

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41) Methacrylonitrile	7.788	41	108711	49.723	ug/l	96
42) 1,2-Dichloroethane	8.677	62	275034	51.640	ug/l	98
43) Isopropyl Acetate	8.694	43	339731	50.013	ug/l	99
44) Trichloroethene	9.359	130	204087	46.355	ug/l	98
45) 1,2-Dichloropropane	9.624	63	188611	50.608	ug/l	97
46) Dibromomethane	9.712	93	137950	49.025	ug/l	99
47) Bromodichloromethane	9.888	83	288326	52.831	ug/l	98
48) Methyl methacrylate	9.682	41	164052	51.014	ug/l	97
49) 1,4-Dioxane	9.700	88	65947	971.868	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	1031947	258.786	ug/l	98
52) Toluene	10.635	92	509510	48.945	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	278844	53.597	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	309621	51.729	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	198759	49.952	ug/l	99
56) Ethyl methacrylate	10.876	69	278591	54.233	ug/l	98
57) 1,3-Dichloropropane	11.165	76	326483	50.491	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	418612	241.387	ug/l	98
59) 2-Hexanone	11.200	43	756701	261.864	ug/l	99
60) Dibromochloromethane	11.365	129	222905	53.217	ug/l	99
61) 1,2-Dibromoethane	11.470	107	198979	50.100	ug/l	98
64) Tetrachloroethene	11.106	164	207871	43.054	ug/l	97
65) Chlorobenzene	11.894	112	546108	48.254	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	209534	49.761	ug/l	99
67) Ethyl Benzene	11.965	91	998953	51.574	ug/l	99
68) m/p-Xylenes	12.070	106	786020	101.202	ug/l	98
69) o-Xylene	12.400	106	385209	50.504	ug/l	97
70) Styrene	12.412	104	637197	52.321	ug/l	98
71) Bromoform	12.582	173	157857	51.911	ug/l #	100
73) Isopropylbenzene	12.700	105	1017008	49.416	ug/l	100
74) N-amyl acetate	12.494	43	294607	49.765	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	274621	46.418	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	243767m	50.304	ug/l	
77) Bromobenzene	12.982	156	238073	49.473	ug/l	99
78) n-propylbenzene	13.035	91	1182332	50.915	ug/l	100
79) 2-Chlorotoluene	13.129	91	693880	48.694	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	878413	50.948	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	77976	48.768	ug/l	98
82) 4-Chlorotoluene	13.129	91	693880	48.694	ug/l	98
83) tert-Butylbenzene	13.441	119	760403	49.587	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	878233	50.799	ug/l	99
85) sec-Butylbenzene	13.617	105	1098903	51.644	ug/l	98
86) p-Isopropyltoluene	13.729	119	952287	54.424	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	463714	47.805	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	447799	48.532	ug/l	99
89) n-Butylbenzene	14.059	91	763047	54.935	ug/l	99
90) Hexachloroethane	14.335	117	156057	51.676	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	443365	45.890	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	48522	47.181	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	208048	44.707	ug/l	98
94) Hexachlorobutadiene	15.506	225	115977	45.236	ug/l	99
95) Naphthalene	15.641	128	580794	42.312	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	199795	45.017	ug/l	99

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

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