

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076145.D
 Acq On : 09 Jan 2023 10:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/10/2023
 Supervised By :Mahesh Dadoda 01/11/2023

Quant Time: Jan 10 01:01:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	272010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	437184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	404555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	155850	52.666	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.340%			
35) Dibromofluoromethane	8.171	113	140271	51.810	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.620%			
50) Toluene-d8	10.570	98	516491	51.023	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.040%			
62) 4-Bromofluorobenzene	12.853	95	181900	54.254	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.500%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	134469	69.624	ug/l	98
3) Chloromethane	2.377	50	136788	56.957	ug/l	100
4) Vinyl Chloride	2.530	62	166802	58.225	ug/l	99
5) Bromomethane	2.947	94	123931	50.903	ug/l	99
6) Chloroethane	3.124	64	118572	55.892	ug/l	97
7) Trichlorofluoromethane	3.506	101	228043	52.460	ug/l	99
8) Diethyl Ether	3.971	74	82756	52.123	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	133660	53.847	ug/l	98
10) Methyl Iodide	4.600	142	201429	50.003	ug/l	99
11) Tert butyl alcohol	5.536	59	90920	217.135	ug/l	100
12) 1,1-Dichloroethene	4.353	96	125091	51.888	ug/l	95
13) Acrolein	4.194	56	117092	228.097	ug/l	99
14) Allyl chloride	5.036	41	155974	55.345	ug/l	94
15) Acrylonitrile	5.730	53	294805	257.995	ug/l	100
16) Acetone	4.436	43	302341	296.384	ug/l	97
17) Carbon Disulfide	4.724	76	316306	54.190	ug/l	98
18) Methyl Acetate	5.036	43	162405	53.860	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	439917	55.413	ug/l	100
20) Methylene Chloride	5.289	84	143656	52.678	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	134790	51.053	ug/l	97
22) Diisopropyl ether	6.683	45	379756	55.470	ug/l	99
23) Vinyl Acetate	6.612	43	1241937	269.520	ug/l	99
24) 1,1-Dichloroethane	6.577	63	238990	52.343	ug/l	99
25) 2-Butanone	7.488	43	393058	275.188	ug/l	95
26) 2,2-Dichloropropane	7.500	77	213963	55.337	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	165351	52.365	ug/l	97
28) Bromochloromethane	7.818	49	92827	46.386	ug/l	95
29) Tetrahydrofuran	7.847	42	239945	268.067	ug/l	96
30) Chloroform	7.971	83	262515	51.066	ug/l	95
31) Cyclohexane	8.265	56	215542	50.858	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	242089	53.119	ug/l	98
36) 1,1-Dichloropropene	8.377	75	193596	53.829	ug/l	100
37) Ethyl Acetate	7.571	43	155734	53.908	ug/l	97
38) Carbon Tetrachloride	8.371	117	222227	55.207	ug/l	99
39) Methylcyclohexane	9.606	83	243367	56.089	ug/l	97
40) Benzene	8.612	78	575069	51.824	ug/l	99

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41) Methacrylonitrile	7.788	41	83321	55.487	ug/l	98
42) 1,2-Dichloroethane	8.677	62	195629	53.029	ug/l	99
43) Isopropyl Acetate	8.694	43	260024	54.564	ug/l	98
44) Trichloroethene	9.359	130	157208	50.289	ug/l	95
45) 1,2-Dichloropropane	9.623	63	140591	52.065	ug/l	97
46) Dibromomethane	9.712	93	104630	52.242	ug/l	98
47) Bromodichloromethane	9.894	83	219024	55.765	ug/l	97
48) Methyl methacrylate	9.682	41	122158	56.915	ug/l	96
49) 1,4-Dioxane	9.700	88	51704	979.875	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	795057	275.875	ug/l	97
52) Toluene	10.635	92	385482	53.340	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	223834	58.219	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	242791	57.516	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	149243	52.613	ug/l	98
56) Ethyl methacrylate	10.876	69	205969	54.666	ug/l	96
57) 1,3-Dichloropropane	11.165	76	245887	52.846	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	285816	238.262	ug/l	97
59) 2-Hexanone	11.200	43	585401	278.535	ug/l	99
60) Dibromochloromethane	11.359	129	178566	56.606	ug/l	100
61) 1,2-Dibromoethane	11.470	107	152557	53.145	ug/l	100
64) Tetrachloroethene	11.106	164	154850	54.395	ug/l	97
65) Chlorobenzene	11.894	112	414055	49.866	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	159294	51.794	ug/l	99
67) Ethyl Benzene	11.965	91	745076	53.166	ug/l	100
68) m/p-Xylenes	12.070	106	599085	108.007	ug/l	100
69) o-Xylene	12.400	106	293411	53.453	ug/l	99
70) Styrene	12.412	104	484967	55.567	ug/l	99
71) Bromoform	12.582	173	134711	60.194	ug/l #	99
73) Isopropylbenzene	12.700	105	765633	53.066	ug/l	100
74) N-amyl acetate	12.494	43	226496	53.511	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	211198	47.351	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	160142m	39.791	ug/l	
77) Bromobenzene	12.982	156	183751	50.324	ug/l	100
78) n-propylbenzene	13.041	91	884802	55.602	ug/l	99
79) 2-Chlorotoluene	13.129	91	511025	51.444	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	652873	54.066	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	66010	59.038	ug/l	98
82) 4-Chlorotoluene	13.129	91	511025	51.444	ug/l	100
83) tert-Butylbenzene	13.441	119	590965	55.507	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	652705	54.486	ug/l	99
85) sec-Butylbenzene	13.617	105	821593	55.910	ug/l	99
86) p-Isopropyltoluene	13.735	119	706574	57.786	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	346248	51.336	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	341614	49.579	ug/l	99
89) n-Butylbenzene	14.059	91	574284	57.974	ug/l	100
90) Hexachloroethane	14.335	117	132058	60.377	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	331867	49.953	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	37061	46.828	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	170905	51.961	ug/l	99
94) Hexachlorobutadiene	15.505	225	93306	51.996	ug/l	98
95) Naphthalene	15.647	128	488819	45.205	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	163101	53.056	ug/l	99

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

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