

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062623\
 Data File : VN078397.D
 Acq On : 26 Jun 2023 11:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 27 02:09:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/27/2023
 Supervised By : Mahesh Dadoda 06/27/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	419833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	737563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	652686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	257321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	288952	51.620	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.240%			
35) Dibromofluoromethane	8.177	113	247031	52.971	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.940%			
50) Toluene-d8	10.571	98	899357	50.025	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.040%			
62) 4-Bromofluorobenzene	12.853	95	298104	53.337	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	190381	40.116	ug/l	99
3) Chloromethane	2.371	50	278905	62.941	ug/l	98
4) Vinyl Chloride	2.518	62	334149	53.770	ug/l	99
5) Bromomethane	2.947	94	236732	50.407	ug/l	99
6) Chloroethane	3.118	64	239190	56.462	ug/l	98
7) Trichlorofluoromethane	3.500	101	408613	48.488	ug/l	100
8) Diethyl Ether	3.971	74	140803	47.552	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	226658	50.964	ug/l	98
10) Methyl Iodide	4.594	142	305868	48.631	ug/l	97
11) Tert butyl alcohol	5.536	59	188099	243.361	ug/l	100
12) 1,1-Dichloroethene	4.347	96	221027	48.211	ug/l	91
13) Acrolein	4.183	56	266392	312.718	ug/l	97
14) Allyl chloride	5.036	41	292600	52.284	ug/l	93
15) Acrylonitrile	5.730	53	547886	274.945	ug/l	100
16) Acetone	4.436	43	423076	262.582	ug/l	96
17) Carbon Disulfide	4.718	76	592818	50.237	ug/l	99
18) Methyl Acetate	5.036	43	380831	51.339	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	748972	51.203	ug/l	94
20) Methylene Chloride	5.283	84	261915	49.192	ug/l	89
21) trans-1,2-Dichloroethene	5.794	96	251842	50.931	ug/l	91
22) Diisopropyl ether	6.683	45	718530	54.583	ug/l	95
23) Vinyl Acetate	6.612	43	2162280	276.320	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	464250	53.460	ug/l	98
25) 2-Butanone	7.494	43	677926	273.611	ug/l	88
26) 2,2-Dichloropropane	7.500	77	377700	58.905	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	292557	49.601	ug/l	93
28) Bromochloromethane	7.818	49	210332	52.752	ug/l	90
29) Tetrahydrofuran	7.847	42	445694	269.081	ug/l	86
30) Chloroform	7.971	83	502793	53.768	ug/l	91
31) Cyclohexane	8.265	56	354172	49.324	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	446445	54.381	ug/l	97
36) 1,1-Dichloropropene	8.377	75	363435	54.331	ug/l	97
37) Ethyl Acetate	7.571	43	286633	54.851	ug/l #	95
38) Carbon Tetrachloride	8.365	117	393715	55.742	ug/l	98
39) Methylcyclohexane	9.606	83	322063	46.458	ug/l	94
40) Benzene	8.612	78	1100261	55.095	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	154229	54.450	ug/l	91
42) 1,2-Dichloroethane	8.677	62	372860	54.454	ug/l	98
43) Isopropyl Acetate	8.694	43	506778	50.709	ug/l	95
44) Trichloroethene	9.359	130	277244	52.569	ug/l	97
45) 1,2-Dichloropropane	9.629	63	277971	55.945	ug/l	90
46) Dibromomethane	9.712	93	198225	54.164	ug/l	95
47) Bromodichloromethane	9.894	83	389500	57.296	ug/l	96
48) Methyl methacrylate	9.688	41	233721	55.728	ug/l	91
49) 1,4-Dioxane	9.700	88	96223	1091.608	ug/l #	92
51) 4-Methyl-2-Pentanone	10.453	43	1497490	284.551	ug/l	93
52) Toluene	10.635	92	693818	55.027	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	417153	58.922	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	447196	57.141	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	269586	56.520	ug/l	96
56) Ethyl methacrylate	10.882	69	389212	56.041	ug/l	91
57) 1,3-Dichloropropane	11.170	76	453849	56.371	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	770412	274.597	ug/l	92
59) 2-Hexanone	11.200	43	1060944	289.533	ug/l	91
60) Dibromochloromethane	11.365	129	296530	56.814	ug/l	99
61) 1,2-Dibromoethane	11.476	107	275394	55.018	ug/l	99
64) Tetrachloroethene	11.112	164	224109	51.469	ug/l	94
65) Chlorobenzene	11.900	112	726570	51.981	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	281889	54.832	ug/l	97
67) Ethyl Benzene	11.970	91	1297059	53.779	ug/l	99
68) m/p-Xylenes	12.076	106	986557	107.334	ug/l	98
69) o-Xylene	12.406	106	482421	53.447	ug/l	97
70) Styrene	12.417	104	785501	55.278	ug/l	98
71) Bromoform	12.582	173	187804	56.607	ug/l #	99
73) Isopropylbenzene	12.700	105	1160189	47.679	ug/l	99
74) N-amyl acetate	12.500	43	410813	51.268	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	373016	56.031	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	298329m	49.042	ug/l	
77) Bromobenzene	12.988	156	276397	48.932	ug/l	99
78) n-propylbenzene	13.041	91	1329850	50.302	ug/l	100
79) 2-Chlorotoluene	13.129	91	848287	49.708	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	954955	48.474	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	110792	55.956	ug/l	94
82) 4-Chlorotoluene	13.229	91	805528	50.576	ug/l	99
83) tert-Butylbenzene	13.447	119	778585	45.465	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	949791	49.727	ug/l	99
85) sec-Butylbenzene	13.623	105	982818	43.848	ug/l	98
86) p-Isopropyltoluene	13.735	119	809776	44.520	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	469732	49.162	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	456168	49.477	ug/l	99
89) n-Butylbenzene	14.059	91	601190	41.904	ug/l	98
90) Hexachloroethane	14.341	117	152695	47.305	ug/l	86
91) 1,2-Dichlorobenzene	14.111	146	460661	49.332	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	59842	49.650	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	139348	41.883	ug/l	98
94) Hexachlorobutadiene	15.506	225	75386	46.011	ug/l	97
95) Naphthalene	15.647	128	450297	40.235	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	154495	41.519	ug/l	96

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

