

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062423\
 Data File : VN078387.D
 Acq On : 24 Jun 2023 11:38
 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 26 01:45:51 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 06/26/2023
 Supervised By : Mahesh Dadoda 06/26/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	418397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	738032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	654427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	255452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	281192	50.406	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.820%			
35) Dibromofluoromethane	8.177	113	252876	54.190	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.380%			
50) Toluene-d8	10.571	98	916183	50.928	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.860%			
62) 4-Bromofluorobenzene	12.853	95	292738	52.344	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	203987	43.130	ug/l	98
3) Chloromethane	2.371	50	263381	59.543	ug/l	99
4) Vinyl Chloride	2.518	62	337269	54.459	ug/l	98
5) Bromomethane	2.948	94	220472	47.106	ug/l	100
6) Chloroethane	3.118	64	219499	51.992	ug/l	98
7) Trichlorofluoromethane	3.501	101	420570	50.078	ug/l	97
8) Diethyl Ether	3.971	74	145078	49.164	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.383	101	226654	51.138	ug/l	97
10) Methyl Iodide	4.600	142	292751	46.705	ug/l	96
11) Tert butyl alcohol	5.530	59	168675	218.980	ug/l	100
12) 1,1-Dichloroethene	4.353	96	221283	48.432	ug/l	94
13) Acrolein	4.189	56	256807	302.501	ug/l	96
14) Allyl chloride	5.036	41	291560	52.277	ug/l	93
15) Acrylonitrile	5.724	53	512553	258.097	ug/l	98
16) Acetone	4.436	43	406194	252.970	ug/l	98
17) Carbon Disulfide	4.718	76	612827	52.111	ug/l	99
18) Methyl Acetate	5.036	43	363060	49.111	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	747539	51.280	ug/l	98
20) Methylene Chloride	5.283	84	266984	50.316	ug/l	91
21) trans-1,2-Dichloroethene	5.795	96	251319	51.000	ug/l	90
22) Diisopropyl ether	6.677	45	714587	54.469	ug/l	95
23) Vinyl Acetate	6.612	43	2095503	268.706	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	459027	53.040	ug/l	98
25) 2-Butanone	7.489	43	646111	261.666	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	385698	60.359	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	293370	49.910	ug/l	93
28) Bromochloromethane	7.824	49	209360	52.688	ug/l	88
29) Tetrahydrofuran	7.847	42	427305	258.864	ug/l	85
30) Chloroform	7.971	83	502698	53.943	ug/l	93
31) Cyclohexane	8.265	56	343198	47.960	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	445926	54.504	ug/l	97
36) 1,1-Dichloropropene	8.377	75	369168	55.153	ug/l	97
37) Ethyl Acetate	7.571	43	277697	53.107	ug/l #	91
38) Carbon Tetrachloride	8.371	117	393456	55.670	ug/l	99
39) Methylcyclohexane	9.606	83	316257	45.592	ug/l	94
40) Benzene	8.612	78	1096850	54.889	ug/l	99

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41) Methacrylonitrile	7.783	41	147201	51.936	ug/l	91
42) 1,2-Dichloroethane	8.677	62	385035	56.197	ug/l	98
43) Isopropyl Acetate	8.694	43	485537	48.553	ug/l	96
44) Trichloroethene	9.359	130	282240	53.482	ug/l	99
45) 1,2-Dichloropropane	9.630	63	276396	55.593	ug/l	99
46) Dibromomethane	9.712	93	190947	52.142	ug/l	93
47) Bromodichloromethane	9.894	83	391800	57.598	ug/l	97
48) Methyl methacrylate	9.688	41	225370	53.703	ug/l	89
49) 1,4-Dioxane	9.700	88	84904	962.587	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	1413866	268.490	ug/l	93
52) Toluene	10.635	92	684726	54.271	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	413181	58.323	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	453766	57.944	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	270715	56.721	ug/l	97
56) Ethyl methacrylate	10.877	69	377801	54.364	ug/l	91
57) 1,3-Dichloropropane	11.171	76	445429	55.290	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	754744	268.842	ug/l	93
59) 2-Hexanone	11.200	43	989082	269.750	ug/l	91
60) Dibromochloromethane	11.365	129	292359	55.979	ug/l	98
61) 1,2-Dibromoethane	11.471	107	272328	54.371	ug/l	99
64) Tetrachloroethene	11.106	164	231564	53.039	ug/l	99
65) Chlorobenzene	11.894	112	730398	52.116	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	279189	54.162	ug/l	98
67) Ethyl Benzene	11.971	91	1285908	53.175	ug/l	99
68) m/p-Xylenes	12.076	106	987820	107.185	ug/l	98
69) o-Xylene	12.406	106	480468	53.089	ug/l	98
70) Styrene	12.418	104	787124	55.245	ug/l	98
71) Bromoform	12.582	173	184093	55.341	ug/l #	99
73) Isopropylbenzene	12.700	105	1155512	47.835	ug/l	98
74) N-amyl acetate	12.500	43	390052	49.034	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	359133	54.263	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	288185m	47.721	ug/l	
77) Bromobenzene	12.982	156	277861	49.551	ug/l	98
78) n-propylbenzene	13.041	91	1314665	50.092	ug/l	100
79) 2-Chlorotoluene	13.129	91	828809	48.922	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	948575	48.502	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	105807	53.829	ug/l #	86
82) 4-Chlorotoluene	13.223	91	794197	50.230	ug/l	97
83) tert-Butylbenzene	13.441	119	773173	45.479	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	947565	49.974	ug/l	98
85) sec-Butylbenzene	13.623	105	972615	43.710	ug/l	99
86) p-Isopropyltoluene	13.735	119	808180	44.757	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	467501	49.287	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	460448	50.307	ug/l	99
89) n-Butylbenzene	14.059	91	611795	42.956	ug/l	98
90) Hexachloroethane	14.335	117	147476	46.022	ug/l	87
91) 1,2-Dichlorobenzene	14.112	146	457081	49.306	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	55615	46.481	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	135093	40.901	ug/l	95
94) Hexachlorobutadiene	15.512	225	73817	45.344	ug/l	97
95) Naphthalene	15.647	128	444902	40.044	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	153293	41.497	ug/l	99

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

