

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012323\
 Data File : VN076369.D
 Acq On : 23 Jan 2023 17:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2023
 Supervised By : Mahesh Dadoda 01/25/2023

Quant Time: Jan 24 00:38:47 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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	391043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	642590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	574798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	280221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	235310	53.743	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.480%			
35) Dibromofluoromethane	8.171	113	204527	50.882	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.760%			
50) Toluene-d8	10.571	98	742830	50.039	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.080%			
62) 4-Bromofluorobenzene	12.853	95	270942	55.908	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	181268	45.235	ug/l	98
3) Chloromethane	2.377	50	201707	48.616	ug/l	100
4) Vinyl Chloride	2.530	62	263264	51.748	ug/l	98
5) Bromomethane	2.953	94	197653	47.442	ug/l	99
6) Chloroethane	3.124	64	177482	46.525	ug/l	93
7) Trichlorofluoromethane	3.506	101	311483	44.503	ug/l	100
8) Diethyl Ether	3.971	74	124629	53.088	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	176468	44.538	ug/l	98
10) Methyl Iodide	4.600	142	290833	48.054	ug/l	99
11) Tert butyl alcohol	5.530	59	128847	220.009	ug/l	99
12) 1,1-Dichloroethene	4.359	96	167208	44.643	ug/l	91
13) Acrolein	4.189	56	145755	208.109	ug/l	98
14) Allyl chloride	5.036	41	212817	48.758	ug/l	99
15) Acrylonitrile	5.724	53	408684	245.226	ug/l	99
16) Acetone	4.436	43	321800	229.262	ug/l	97
17) Carbon Disulfide	4.724	76	399120	42.796	ug/l	97
18) Methyl Acetate	5.042	43	224239	47.141	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	625697	51.314	ug/l	98
20) Methylene Chloride	5.289	84	214994	51.786	ug/l	98
21) trans-1,2-Dichloroethene	5.794	96	183736	45.282	ug/l	99
22) Diisopropyl ether	6.683	45	546760	53.118	ug/l	98
23) Vinyl Acetate	6.612	43	1737917	261.244	ug/l	99
24) 1,1-Dichloroethane	6.577	63	337198	49.145	ug/l	98
25) 2-Butanone	7.488	43	504680	235.423	ug/l	93
26) 2,2-Dichloropropane	7.500	77	268438	46.420	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	228110	48.201	ug/l	98
28) Bromochloromethane	7.818	49	152631	54.883	ug/l	96
29) Tetrahydrofuran	7.841	42	331168	250.303	ug/l	98
30) Chloroform	7.971	83	376890	49.643	ug/l	97
31) Cyclohexane	8.259	56	273551	40.671	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	332772	48.009	ug/l	96
36) 1,1-Dichloropropene	8.377	75	259448	45.423	ug/l	100
37) Ethyl Acetate	7.565	43	213786	46.666	ug/l	99
38) Carbon Tetrachloride	8.371	117	292692	45.951	ug/l	97
39) Methylcyclohexane	9.606	83	322533	46.240	ug/l	98
40) Benzene	8.612	78	803662	47.055	ug/l	99

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41) Methacrylonitrile	7.783	41	120364	50.176	ug/l	97
42) 1,2-Dichloroethane	8.677	62	284726	48.724	ug/l	99
43) Isopropyl Acetate	8.694	43	367481	49.306	ug/l	99
44) Trichloroethene	9.353	130	212724	44.037	ug/l	99
45) 1,2-Dichloropropane	9.624	63	199702	48.837	ug/l	94
46) Dibromomethane	9.712	93	144225	46.715	ug/l	98
47) Bromodichloromethane	9.888	83	301663	50.378	ug/l	98
48) Methyl methacrylate	9.682	41	177950	50.433	ug/l	97
49) 1,4-Dioxane	9.694	88	70606	948.349	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	1093484	249.925	ug/l	99
52) Toluene	10.629	92	521191	45.632	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	304433	53.332	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	332106	50.571	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	210003	48.103	ug/l	98
56) Ethyl methacrylate	10.876	69	302945	53.749	ug/l	99
57) 1,3-Dichloropropane	11.165	76	343629	48.435	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	471644	247.874	ug/l	98
59) 2-Hexanone	11.194	43	786747	248.142	ug/l	99
60) Dibromochloromethane	11.359	129	241235	52.491	ug/l	100
61) 1,2-Dibromoethane	11.470	107	212998	48.878	ug/l	100
64) Tetrachloroethene	11.106	164	214611	41.402	ug/l	99
65) Chlorobenzene	11.894	112	565181	46.515	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	220833	48.849	ug/l	99
67) Ethyl Benzene	11.965	91	1015386	48.828	ug/l	99
68) m/p-Xylenes	12.070	106	804076	96.428	ug/l	99
69) o-Xylene	12.400	106	400727	48.936	ug/l	98
70) Styrene	12.412	104	657344	50.274	ug/l	99
71) Bromoform	12.582	173	175620	53.793	ug/l #	99
73) Isopropylbenzene	12.700	105	1043989	48.159	ug/l	100
74) N-amyl acetate	12.494	43	323153	51.823	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	292449	46.928	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	258551m	50.660	ug/l	
77) Bromobenzene	12.982	156	251351	49.589	ug/l	99
78) n-propylbenzene	13.041	91	1190212	48.659	ug/l	100
79) 2-Chlorotoluene	13.129	91	708676	47.215	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	885495	48.758	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	82819	49.174	ug/l	97
82) 4-Chlorotoluene	13.129	91	708676	47.215	ug/l	99
83) tert-Butylbenzene	13.441	119	802841	49.704	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	890833	48.919	ug/l	99
85) sec-Butylbenzene	13.617	105	1103199	49.221	ug/l	100
86) p-Isopropyltoluene	13.735	119	939219	50.960	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	457749	44.801	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	454429	46.761	ug/l	99
89) n-Butylbenzene	14.059	91	759530	51.913	ug/l	99
90) Hexachloroethane	14.335	117	169787	53.376	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	448148	44.037	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	53542	49.427	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	228413	46.543	ug/l	96
94) Hexachlorobutadiene	15.506	225	118040	43.709	ug/l	99
95) Naphthalene	15.641	128	738319	50.684	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	224618	47.970	ug/l	99

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

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