

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060723\
 Data File : VN078114.D
 Acq On : 07 Jun 2023 19:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 08 05:30:11 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 06/08/2023
 Supervised By : Mahesh Dadoda 06/08/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	461332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	814482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	711472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	293366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	304648	49.528	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.060%		
35) Dibromofluoromethane	8.177	113	262805	51.031	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.060%		
50) Toluene-d8	10.571	98	1006684	50.706	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.420%		
62) 4-Bromofluorobenzene	12.853	95	318212	51.558	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	224251	43.002	ug/l	99
3) Chloromethane	2.371	50	241344	49.163	ug/l	97
4) Vinyl Chloride	2.518	62	309821	45.371	ug/l	94
5) Bromomethane	2.953	94	219243	42.484	ug/l	99
6) Chloroethane	3.124	64	212322	45.611	ug/l	97
7) Trichlorofluoromethane	3.506	101	404674	43.701	ug/l	99
8) Diethyl Ether	3.971	74	140395	43.149	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.383	101	225236	46.088	ug/l	99
10) Methyl Iodide	4.600	142	311000	44.999	ug/l	100
11) Tert butyl alcohol	5.536	59	173908	204.761	ug/l	99
12) 1,1-Dichloroethene	4.347	96	219928	43.656	ug/l	93
13) Acrolein	4.195	56	193741	206.974	ug/l	98
14) Allyl chloride	5.036	41	308096	50.100	ug/l	96
15) Acrylonitrile	5.730	53	501598	229.074	ug/l	98
16) Acetone	4.442	43	392184	221.513	ug/l	91
17) Carbon Disulfide	4.724	76	558762	43.092	ug/l	98
18) Methyl Acetate	5.036	43	355555	43.620	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	744088	46.293	ug/l	100
20) Methylene Chloride	5.283	84	255074	43.598	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	241148	44.381	ug/l #	80
22) Diisopropyl ether	6.683	45	687789	47.548	ug/l	97
23) Vinyl Acetate	6.612	43	2059414	239.501	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	442157	46.336	ug/l	99
25) 2-Butanone	7.494	43	631096	231.798	ug/l #	87
26) 2,2-Dichloropropane	7.494	77	355300	50.427	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	293266	45.249	ug/l	95
28) Bromochloromethane	7.824	49	213164	48.653	ug/l	94
29) Tetrahydrofuran	7.847	42	424592	233.282	ug/l	85
30) Chloroform	7.971	83	487283	47.422	ug/l	93
31) Cyclohexane	8.265	56	364674	46.218	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	426421	47.269	ug/l	96
36) 1,1-Dichloropropene	8.377	75	363147	49.161	ug/l	97
37) Ethyl Acetate	7.565	43	274800	47.621	ug/l	94
38) Carbon Tetrachloride	8.371	117	382148	48.994	ug/l	95
39) Methylcyclohexane	9.606	83	374456	48.915	ug/l	94
40) Benzene	8.612	78	1061693	48.143	ug/l	100

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41) Methacrylonitrile	7.788	41	141249	45.158	ug/l	94
42) 1,2-Dichloroethane	8.677	62	364380	48.190	ug/l	96
43) Isopropyl Acetate	8.694	43	476210	43.150	ug/l	96
44) Trichloroethene	9.359	130	272611	46.809	ug/l	100
45) 1,2-Dichloropropane	9.630	63	271743	49.527	ug/l	99
46) Dibromomethane	9.718	93	188339	46.603	ug/l	94
47) Bromodichloromethane	9.894	83	371547	49.493	ug/l	95
48) Methyl methacrylate	9.688	41	226250	48.852	ug/l	89
49) 1,4-Dioxane	9.706	88	84684	869.975	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	1413995	243.311	ug/l	93
52) Toluene	10.635	92	676936	48.618	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	393973	50.392	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	424269	49.092	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	260366	49.432	ug/l	98
56) Ethyl methacrylate	10.876	69	381070	49.687	ug/l	93
57) 1,3-Dichloropropane	11.171	76	442564	49.778	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	762411	246.082	ug/l	93
59) 2-Hexanone	11.200	43	996265	246.206	ug/l	92
60) Dibromochloromethane	11.365	129	284074	49.287	ug/l	100
61) 1,2-Dibromoethane	11.476	107	266688	48.248	ug/l	99
64) Tetrachloroethene	11.112	164	229462	48.344	ug/l	99
65) Chlorobenzene	11.894	112	712947	46.792	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	264724	47.238	ug/l	97
67) Ethyl Benzene	11.971	91	1287300	48.965	ug/l	99
68) m/p-Xylenes	12.076	106	989129	98.722	ug/l	98
69) o-Xylene	12.406	106	482403	49.029	ug/l	96
70) Styrene	12.418	104	779864	50.347	ug/l	98
71) Bromoform	12.582	173	177086	48.966	ug/l #	98
73) Isopropylbenzene	12.700	105	1213517	43.744	ug/l	99
74) N-amyl acetate	12.500	43	390532	42.749	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	364034	47.593	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	287135m	41.402	ug/l	
77) Bromobenzene	12.982	156	272067	42.247	ug/l	98
78) n-propylbenzene	13.041	91	1371304	45.497	ug/l	100
79) 2-Chlorotoluene	13.129	91	838780	43.112	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	993202	44.221	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	101389	44.915	ug/l	91
82) 4-Chlorotoluene	13.223	91	808576	44.530	ug/l	99
83) tert-Butylbenzene	13.441	119	845190	43.290	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	986029	45.282	ug/l	99
85) sec-Butylbenzene	13.623	105	1104117	43.208	ug/l	99
86) p-Isopropyltoluene	13.735	119	928888	44.794	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	474327	43.544	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	458898	43.658	ug/l	99
89) n-Butylbenzene	14.059	91	731067	44.696	ug/l	98
90) Hexachloroethane	14.335	117	162384	44.125	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	465712	43.745	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	56629	41.212	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	177821	46.880	ug/l	98
94) Hexachlorobutadiene	15.511	225	88759	47.609	ug/l	96
95) Naphthalene	15.647	128	545666	42.766	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	183379	43.226	ug/l	99

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

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