

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080177.D
 Acq On : 17 Nov 2023 20:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 18 02:39:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/18/2023
 Supervised By : Mahesh Dadoda 11/20/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	225431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	365441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	329169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	164158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	195348	52.482	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.960%			
35) Dibromofluoromethane	8.171	113	138562	51.386	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.780%			
50) Toluene-d8	10.571	98	498201	51.254	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.500%			
62) 4-Bromofluorobenzene	12.853	95	187763	51.141	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	161664	48.144	ug/l	100
3) Chloromethane	2.359	50	119033	47.149	ug/l	98
4) Vinyl Chloride	2.512	62	134101	50.193	ug/l	94
5) Bromomethane	2.947	94	80945	44.629	ug/l	97
6) Chloroethane	3.112	64	86533	52.544	ug/l	95
7) Trichlorofluoromethane	3.495	101	265806	47.692	ug/l	99
8) Diethyl Ether	3.959	74	79901	49.295	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	116101	45.576	ug/l	94
10) Methyl Iodide	4.589	142	146765	53.310	ug/l #	83
11) Tert butyl alcohol	5.518	59	116894	285.575	ug/l	99
12) 1,1-Dichloroethene	4.336	96	114612	48.103	ug/l	86
13) Acrolein	4.177	56	96982	267.721	ug/l	96
14) Allyl chloride	5.024	41	144265	48.125	ug/l	94
15) Acrylonitrile	5.718	53	293517	267.111	ug/l	99
16) Acetone	4.430	43	234690	187.721	ug/l	96
17) Carbon Disulfide	4.712	76	309201	43.462	ug/l	100
18) Methyl Acetate	5.024	43	202985	50.533	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	440556	52.358	ug/l	99
20) Methylene Chloride	5.277	84	137508	52.522	ug/l	88
21) trans-1,2-Dichloroethene	5.788	96	125136	47.807	ug/l #	83
22) Diisopropyl ether	6.671	45	346247	52.206	ug/l	97
23) Vinyl Acetate	6.606	43	1045294	262.159	ug/l	93
24) 1,1-Dichloroethane	6.571	63	238545	49.383	ug/l	99
25) 2-Butanone	7.488	43	345200	232.397	ug/l	92
26) 2,2-Dichloropropane	7.494	77	211293	44.088	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	146164	49.253	ug/l	87
28) Bromochloromethane	7.818	49	99284	52.281	ug/l	95
29) Tetrahydrofuran	7.841	42	223635	280.431	ug/l	92
30) Chloroform	7.971	83	270304	50.064	ug/l	99
31) Cyclohexane	8.265	56	174342	43.069	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	261024	49.574	ug/l	98
36) 1,1-Dichloropropene	8.371	75	182530	46.755	ug/l	95
37) Ethyl Acetate	7.565	43	142679	52.689	ug/l	98
38) Carbon Tetrachloride	8.365	117	233921	47.217	ug/l	99
39) Methylcyclohexane	9.606	83	181271	48.156	ug/l	92
40) Benzene	8.612	78	526029	47.409	ug/l	96

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41) Methacrylonitrile	7.777	41	76050	51.139	ug/l	92
42) 1,2-Dichloroethane	8.677	62	235460	51.870	ug/l	95
43) Isopropyl Acetate	8.694	43	277201	52.604	ug/l #	92
44) Trichloroethene	9.353	130	133546	45.884	ug/l	94
45) 1,2-Dichloropropane	9.624	63	124838	48.415	ug/l	93
46) Dibromomethane	9.712	93	100461	51.470	ug/l	94
47) Bromodichloromethane	9.888	83	215522	50.197	ug/l	99
48) Methyl methacrylate	9.682	41	149394	55.013	ug/l	90
49) 1,4-Dioxane	9.694	88	52599	1164.278	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	736056	269.798	ug/l	97
52) Toluene	10.635	92	338250	48.712	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	222690	50.482	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	226658	50.293	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	135081	50.969	ug/l	98
56) Ethyl methacrylate	10.876	69	152544	56.342	ug/l	95
57) 1,3-Dichloropropane	11.165	76	231111	49.946	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	444012	291.098	ug/l	98
59) 2-Hexanone	11.200	43	542027	247.247	ug/l	96
60) Dibromochloromethane	11.359	129	160888	50.707	ug/l	99
61) 1,2-Dibromoethane	11.476	107	136842	50.612	ug/l	96
64) Tetrachloroethene	11.106	164	112797	44.901	ug/l	99
65) Chlorobenzene	11.894	112	351747	47.159	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	144805	50.028	ug/l	93
67) Ethyl Benzene	11.965	91	651970	49.122	ug/l	97
68) m/p-Xylenes	12.076	106	481881	99.578	ug/l	88
69) o-Xylene	12.400	106	232584	50.999	ug/l	87
70) Styrene	12.412	104	347462	51.188	ug/l	92
71) Bromoform	12.582	173	110529	51.493	ug/l #	99
73) Isopropylbenzene	12.700	105	617000	48.368	ug/l	98
74) N-amyl acetate	12.500	43	206536	51.920	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	184712	48.380	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	201010m	49.976	ug/l	
77) Bromobenzene	12.982	156	147493	45.860	ug/l	98
78) n-propylbenzene	13.041	91	692473	48.545	ug/l	99
79) 2-Chlorotoluene	13.129	91	442209	47.731	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	537871	48.438	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	56542	47.495	ug/l #	83
82) 4-Chlorotoluene	13.223	91	452063	47.630	ug/l	96
83) tert-Butylbenzene	13.441	119	448282	50.341	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	543087	49.669	ug/l	96
85) sec-Butylbenzene	13.617	105	554092	49.188	ug/l	99
86) p-Isopropyltoluene	13.735	119	514070	51.085	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	265395	45.802	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	263042	45.172	ug/l	98
89) n-Butylbenzene	14.059	91	406925	48.313	ug/l	99
90) Hexachloroethane	14.341	117	92436	47.118	ug/l	73
91) 1,2-Dichlorobenzene	14.111	146	256145	46.195	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	44408	50.076	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	147386	45.702	ug/l	98
94) Hexachlorobutadiene	15.506	225	77440	41.727	ug/l	99
95) Naphthalene	15.647	128	445330	47.620	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	142169	47.032	ug/l	98

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

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