

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN021720\
 Data File : VN060110.D
 Acq On : 17 Feb 2020 11:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 17 14:20:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	102	0.00
2 T	Dichlorodifluoromethane	50.000	50.790	-1.6	101	0.00
3 P	Chloromethane	50.000	52.837	-5.7	109	0.00
4 C	Vinyl Chloride	50.000	51.418	-2.8#	105	0.00
5 T	Bromomethane	50.000	48.659	2.7	105	0.00
6 T	Chloroethane	50.000	51.509	-3.0	110	0.00
7 T	Trichlorofluoromethane	50.000	47.930	4.1	101	0.00
8 T	Diethyl Ether	50.000	54.210	-8.4	112	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.636	0.7	104	0.00
10 T	Methyl Iodide	50.000	49.863	0.3	103	0.00
11 T	Tert butyl alcohol	250.000	308.764	-23.5	124	0.00
12 CM	1,1-Dichloroethene	50.000	49.673	0.7#	104	0.00
13 T	Acrolein	250.000	171.539	31.4#	70	0.00
14 T	Allyl chloride	50.000	54.291	-8.6	118	0.00
15 T	Acrylonitrile	250.000	304.428	-21.8	119	0.00
16 T	Acetone	250.000	338.528	-35.4#	131	0.00
17 T	Carbon Disulfide	50.000	48.549	2.9	103	0.00
18 T	Methyl Acetate	50.000	61.792	-23.6	123	0.00
19 T	Methyl tert-butyl Ether	50.000	53.684	-7.4	112	0.00
20 T	Methylene Chloride	50.000	50.882	-1.8	107	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.654	0.7	103	0.00
22 T	Diisopropyl ether	50.000	56.857	-13.7	118	0.00
23 T	Vinyl Acetate	250.000	296.084	-18.4	119	0.00
24 P	1,1-Dichloroethane	50.000	51.818	-3.6	108	0.00
25 T	2-Butanone	250.000	334.702	-33.9#	128	0.00
26 T	2,2-Dichloropropane	50.000	50.483	-1.0	105	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.710	-1.4	106	0.00
28 T	Bromochloromethane	50.000	55.600	-11.2	115	0.00
29 T	Tetrahydrofuran	250.000	307.245	-22.9	124	0.00
30 C	Chloroform	50.000	51.479	-3.0#	106	0.00
31 T	Cyclohexane	50.000	51.297	-2.6	110	0.00
32 T	1,1,1-Trichloroethane	50.000	50.313	-0.6	103	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.014	-10.0	113	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	51.856	-3.7	105	0.00
36 T	1,1-Dichloropropene	50.000	50.415	-0.8	106	0.00
37 T	Ethyl Acetate	50.000	58.740	-17.5	122	0.00
38 T	Carbon Tetrachloride	50.000	47.731	4.5	101	0.00
39 T	Methylcyclohexane	50.000	51.111	-2.2	109	0.00
40 TM	Benzene	50.000	50.295	-0.6	107	0.00
41 T	Methacrylonitrile	50.000	54.962	-9.9	106	0.00
42 TM	1,2-Dichloroethane	50.000	52.458	-4.9	110	0.00
43 T	Isopropyl Acetate	50.000	57.945	-15.9	120	0.00
44 TM	Trichloroethene	50.000	48.050	3.9	102	0.00
45 C	1,2-Dichloropropane	50.000	53.240	-6.5#	110	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	52.065	-4.1	108	0.00
47 T	Bromodichloromethane	50.000	51.607	-3.2	107	0.00
48 T	Methyl methacrylate	50.000	58.007	-16.0	119	0.00
49 T	1,4-Dioxane	1000.000	1226.759	-22.7	116	0.00
50 S	Toluene-d8	50.000	51.590	-3.2	106	0.00
51 T	4-Methyl-2-Pentanone	250.000	300.555	-20.2	121	0.00
52 CM	Toluene	50.000	50.364	-0.7#	106	0.00
53 T	t-1,3-Dichloropropene	50.000	53.736	-7.5	111	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.580	-5.2	109	0.00
55 T	1,1,2-Trichloroethane	50.000	50.838	-1.7	106	0.00
56 T	Ethyl methacrylate	50.000	57.440	-14.9	114	0.00
57 T	1,3-Dichloropropane	50.000	52.347	-4.7	110	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	293.011	-17.2	116	0.00
59 T	2-Hexanone	250.000	320.327	-28.1#	124	0.00
60 T	Dibromochloromethane	50.000	50.880	-1.8	105	0.00
61 T	1,2-Dibromoethane	50.000	52.152	-4.3	107	0.00
62 S	4-Bromofluorobenzene	50.000	52.583	-5.2	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64 T	Tetrachloroethene	50.000	46.002	8.0	99	0.00
65 PM	Chlorobenzene	50.000	49.223	1.6	103	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.157	1.7	102	0.00
67 C	Ethyl Benzene	50.000	50.332	-0.7#	106	0.00
68 T	m/p-Xylenes	100.000	100.260	-0.3	105	0.00
69 T	o-Xylene	50.000	50.067	-0.1	104	0.00
70 T	Styrene	50.000	52.183	-4.4	105	0.00
71 P	Bromoform	50.000	52.197	-4.4	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	48.492	3.0	104	0.00
74 T	N-amyl acetate	50.000	58.906	-17.8	117	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.337	-4.7	109	0.00
76 T	1,2,3-Trichloropropane	50.000	53.522	-7.0	110	0.00
77 T	Bromobenzene	50.000	47.843	4.3	102	0.00
78 T	n-propylbenzene	50.000	49.698	0.6	107	0.00
79 T	2-Chlorotoluene	50.000	49.199	1.6	107	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.718	0.6	106	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.771	-11.5	114	0.00
82 T	4-Chlorotoluene	50.000	49.727	0.5	106	0.00
83 T	tert-Butylbenzene	50.000	47.534	4.9	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.952	0.1	104	0.00
85 T	sec-Butylbenzene	50.000	48.719	2.6	104	0.00
86 T	p-Isopropyltoluene	50.000	49.272	1.5	105	0.00
87 T	1,3-Dichlorobenzene	50.000	49.030	1.9	103	0.00
88 T	1,4-Dichlorobenzene	50.000	49.403	1.2	105	0.00
89 T	n-Butylbenzene	50.000	51.631	-3.3	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.664	2.7	103	0.00
91 T	1,2-Dichlorobenzene	50.000	48.485	3.0	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.380	-8.8	110	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.342	-4.7	104	0.00
94 T	Hexachlorobutadiene	50.000	46.870	6.3	102	0.00
95 T	Naphthalene	50.000	54.251	-8.5	105	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.465	-0.9	103	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6