

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021420\
 Data File : VN060108.D
 Acq On : 14 Feb 2020 16:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 15 03:08:59 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	97	0.00
2 T	Dichlorodifluoromethane	50.000	53.583	-7.2	102	0.00
3 P	Chloromethane	50.000	55.128	-10.3	108	0.00
4 C	Vinyl Chloride	50.000	52.611	-5.2#	102	0.00
5 T	Bromomethane	50.000	53.567	-7.1	110	0.00
6 T	Chloroethane	50.000	55.116	-10.2	113	0.00
7 T	Trichlorofluoromethane	50.000	50.632	-1.3	102	0.00
8 T	Diethyl Ether	50.000	55.349	-10.7	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.115	-2.2	102	0.00
10 T	Methyl Iodide	50.000	52.685	-5.4	105	0.00
11 T	Tert butyl alcohol	250.000	272.649	-9.1	105	0.00
12 CM	1,1-Dichloroethene	50.000	52.289	-4.6#	104	0.00
13 T	Acrolein	250.000	237.455	5.0	93	0.00
14 T	Allyl chloride	50.000	56.114	-12.2	116	0.00
15 T	Acrylonitrile	250.000	287.448	-15.0	107	0.00
16 T	Acetone	250.000	229.730	8.1	85	0.00
17 T	Carbon Disulfide	50.000	52.070	-4.1	105	0.00
18 T	Methyl Acetate	50.000	57.967	-15.9	110	0.00
19 T	Methyl tert-butyl Ether	50.000	52.643	-5.3	105	0.00
20 T	Methylene Chloride	50.000	52.316	-4.6	105	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.600	-5.2	104	0.00
22 T	Diisopropyl ether	50.000	58.025	-16.0	115	0.00
23 T	Vinyl Acetate	250.000	291.284	-16.5	112	0.00
24 P	1,1-Dichloroethane	50.000	54.968	-9.9	109	0.00
25 T	2-Butanone	250.000	265.032	-6.0	97	0.00
26 T	2,2-Dichloropropane	50.000	51.462	-2.9	102	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.592	-3.2	103	0.00
28 T	Bromochloromethane	50.000	57.884	-15.8	114	0.00
29 T	Tetrahydrofuran	250.000	277.464	-11.0	107	0.00
30 C	Chloroform	50.000	53.064	-6.1#	104	0.00
31 T	Cyclohexane	50.000	53.486	-7.0	109	0.00
32 T	1,1,1-Trichloroethane	50.000	51.661	-3.3	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.586	-11.2	109	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	53.553	-7.1	102	0.00
36 T	1,1-Dichloropropene	50.000	53.021	-6.0	106	0.00
37 T	Ethyl Acetate	50.000	55.329	-10.7	108	0.00
38 T	Carbon Tetrachloride	50.000	49.656	0.7	100	0.00
39 T	Methylcyclohexane	50.000	53.040	-6.1	107	0.00
40 TM	Benzene	50.000	52.566	-5.1	106	0.00
41 T	Methacrylonitrile	50.000	70.691	-41.4#	129	0.00
42 TM	1,2-Dichloroethane	50.000	53.515	-7.0	106	0.00
43 T	Isopropyl Acetate	50.000	55.852	-11.7	110	0.00
44 TM	Trichloroethene	50.000	50.327	-0.7	101	0.00
45 C	1,2-Dichloropropane	50.000	56.465	-12.9#	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	51.399	-2.8	101	0.00
47 T	Bromodichloromethane	50.000	53.494	-7.0	105	0.00
48 T	Methyl methacrylate	50.000	54.899	-9.8	107	0.00
49 T	1,4-Dioxane	1000.000	1158.254	-15.8	104	0.00
50 S	Toluene-d8	50.000	54.705	-9.4	107	0.00
51 T	4-Methyl-2-Pentanone	250.000	279.550	-11.8	106	0.00
52 CM	Toluene	50.000	52.797	-5.6#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	53.936	-7.9	105	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.244	-8.5	107	0.00
55 T	1,1,2-Trichloroethane	50.000	51.964	-3.9	102	0.00
56 T	Ethyl methacrylate	50.000	56.180	-12.4	105	0.00
57 T	1,3-Dichloropropane	50.000	52.745	-5.5	105	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	278.575	-11.4	104	0.00
59 T	2-Hexanone	250.000	269.990	-8.0	99	0.00
60 T	Dibromochloromethane	50.000	51.460	-2.9	100	0.00
61 T	1,2-Dibromoethane	50.000	52.110	-4.2	101	0.00
62 S	4-Bromofluorobenzene	50.000	56.583	-13.2	110	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	47.916	4.2	98	0.00
65 PM	Chlorobenzene	50.000	50.908	-1.8	103	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.194	-0.4	100	0.00
67 C	Ethyl Benzene	50.000	52.439	-4.9#	105	0.00
68 T	m/p-Xylenes	100.000	104.340	-4.3	104	0.00
69 T	o-Xylene	50.000	52.022	-4.0	104	0.00
70 T	Styrene	50.000	53.397	-6.8	103	0.00
71 P	Bromoform	50.000	50.655	-1.3	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	50.273	-0.5	104	0.00
74 T	N-amyl acetate	50.000	56.022	-12.0	107	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.089	-2.2	102	0.00
76 T	1,2,3-Trichloropropane	50.000	50.374	-0.7	99	0.00
77 T	Bromobenzene	50.000	49.314	1.4	101	0.00
78 T	n-propylbenzene	50.000	51.041	-2.1	105	0.00
79 T	2-Chlorotoluene	50.000	50.085	-0.2	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.611	-1.2	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.060	-4.1	102	0.00
82 T	4-Chlorotoluene	50.000	51.953	-3.9	107	0.00
83 T	tert-Butylbenzene	50.000	49.086	1.8	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.317	-2.6	103	0.00
85 T	sec-Butylbenzene	50.000	50.587	-1.2	103	0.00
86 T	p-Isopropyltoluene	50.000	50.983	-2.0	105	0.00
87 T	1,3-Dichlorobenzene	50.000	50.323	-0.6	102	0.00
88 T	1,4-Dichlorobenzene	50.000	50.403	-0.8	103	0.00
89 T	n-Butylbenzene	50.000	53.102	-6.2	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.263	1.5	100	0.00
91 T	1,2-Dichlorobenzene	50.000	49.303	1.4	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.823	4.4	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.485	-3.0	98	0.00
94 T	Hexachlorobutadiene	50.000	47.019	6.0	99	0.00
95 T	Naphthalene	50.000	48.715	2.6	90	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.133	3.7	94	0.00

(#) = Out of Range

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