

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN022020\
 Data File : VN060161.D
 Acq On : 20 Feb 2020 9:54
 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 21 02:38:26 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	94	0.00
2 T	Dichlorodifluoromethane	50.000	51.372	-2.7	95	0.00
3 P	Chloromethane	50.000	48.127	3.7	91	0.00
4 C	Vinyl Chloride	50.000	48.298	3.4#	91	0.00
5 T	Bromomethane	50.000	49.799	0.4	99	0.00
6 T	Chloroethane	50.000	49.801	0.4	98	0.00
7 T	Trichlorofluoromethane	50.000	49.345	1.3	96	0.00
8 T	Diethyl Ether	50.000	51.447	-2.9	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.652	-1.3	98	0.00
10 T	Methyl Iodide	50.000	51.228	-2.5	98	0.00
11 T	Tert butyl alcohol	250.000	242.143	3.1	90	0.00
12 CM	1,1-Dichloroethene	50.000	50.352	-0.7#	97	0.00
13 T	Acrolein	250.000	224.029	10.4	85	0.00
14 T	Allyl chloride	50.000	49.305	1.4	99	0.00
15 T	Acrylonitrile	250.000	260.869	-4.3	94	0.00
16 T	Acetone	250.000	279.121	-11.6	99	0.00
17 T	Carbon Disulfide	50.000	47.290	5.4	92	0.00
18 T	Methyl Acetate	50.000	53.443	-6.9	98	0.00
19 T	Methyl tert-butyl Ether	50.000	50.190	-0.4	97	0.00
20 T	Methylene Chloride	50.000	50.008	-0.0	97	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.025	-0.0	95	0.00
22 T	Diisopropyl ether	50.000	51.697	-3.4	99	0.00
23 T	Vinyl Acetate	250.000	260.063	-4.0	96	0.00
24 P	1,1-Dichloroethane	50.000	50.798	-1.6	97	0.00
25 T	2-Butanone	250.000	274.775	-9.9	97	0.00
26 T	2,2-Dichloropropane	50.000	51.395	-2.8	98	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.461	-0.9	97	0.00
28 T	Bromochloromethane	50.000	50.458	-0.9	96	0.00
29 T	Tetrahydrofuran	250.000	250.634	-0.3	93	0.00
30 C	Chloroform	50.000	50.872	-1.7#	97	0.00
31 T	Cyclohexane	50.000	48.494	3.0	96	0.00
32 T	1,1,1-Trichloroethane	50.000	50.965	-1.9	96	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.111	-2.2	97	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35 S	Dibromofluoromethane	50.000	53.443	-6.9	96	0.00
36 T	1,1-Dichloropropene	50.000	51.427	-2.9	97	0.00
37 T	Ethyl Acetate	50.000	51.485	-3.0	95	0.00
38 T	Carbon Tetrachloride	50.000	51.026	-2.1	97	0.00
39 T	Methylcyclohexane	50.000	51.567	-3.1	98	0.00
40 TM	Benzene	50.000	51.158	-2.3	97	0.00
41 T	Methacrylonitrile	50.000	56.665	-13.3	98	0.00
42 TM	1,2-Dichloroethane	50.000	51.924	-3.8	97	0.00
43 T	Isopropyl Acetate	50.000	52.244	-4.5	97	0.00
44 TM	Trichloroethene	50.000	50.693	-1.4	96	0.00
45 C	1,2-Dichloropropane	50.000	53.444	-6.9#	99	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	52.049	-4.1	96	0.00
47 T	Bromodichloromethane	50.000	52.935	-5.9	98	0.00
48 T	Methyl methacrylate	50.000	51.615	-3.2	95	0.00
49 T	1,4-Dioxane	1000.000	1049.274	-4.9	89	0.00
50 S	Toluene-d8	50.000	52.190	-4.4	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	264.312	-5.7	95	0.00
52 CM	Toluene	50.000	51.495	-3.0#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	53.863	-7.7	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.609	-5.2	98	0.00
55 T	1,1,2-Trichloroethane	50.000	52.090	-4.2	97	0.00
56 T	Ethyl methacrylate	50.000	53.944	-7.9	95	0.00
57 T	1,3-Dichloropropane	50.000	51.644	-3.3	97	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	227.159	9.1	80	0.00
59 T	2-Hexanone	250.000	278.432	-11.4	96	0.00
60 T	Dibromochloromethane	50.000	52.623	-5.2	97	0.00
61 T	1,2-Dibromoethane	50.000	53.264	-6.5	97	0.00
62 S	4-Bromofluorobenzene	50.000	53.797	-7.6	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64 T	Tetrachloroethene	50.000	50.228	-0.5	97	0.00
65 PM	Chlorobenzene	50.000	51.383	-2.8	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.761	-3.5	97	0.00
67 C	Ethyl Benzene	50.000	51.542	-3.1#	98	0.00
68 T	m/p-Xylenes	100.000	103.890	-3.9	98	0.00
69 T	o-Xylene	50.000	51.524	-3.0	97	0.00
70 T	Styrene	50.000	53.367	-6.7	97	0.00
71 P	Bromoform	50.000	53.571	-7.1	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	50.065	-0.1	98	0.00
74 T	N-amyl acetate	50.000	52.603	-5.2	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.209	-0.4	95	0.00
76 T	1,2,3-Trichloropropane	50.000	49.398	1.2	92	0.00
77 T	Bromobenzene	50.000	50.285	-0.6	98	0.00
78 T	n-propylbenzene	50.000	50.899	-1.8	99	0.00
79 T	2-Chlorotoluene	50.000	49.383	1.2	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.836	-1.7	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.652	-5.3	98	0.00
82 T	4-Chlorotoluene	50.000	50.869	-1.7	99	0.00
83 T	tert-Butylbenzene	50.000	49.705	0.6	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.439	-2.9	97	0.00
85 T	sec-Butylbenzene	50.000	50.671	-1.3	98	0.00
86 T	p-Isopropyltoluene	50.000	51.793	-3.6	101	0.00
87 T	1,3-Dichlorobenzene	50.000	51.835	-3.7	99	0.00
88 T	1,4-Dichlorobenzene	50.000	51.337	-2.7	99	0.00
89 T	n-Butylbenzene	50.000	52.944	-5.9	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.395	-0.8	97	0.00
91 T	1,2-Dichlorobenzene	50.000	50.890	-1.8	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.357	1.3	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.408	-6.8	97	0.00
94 T	Hexachlorobutadiene	50.000	50.318	-0.6	100	0.00
95 T	Naphthalene	50.000	50.228	-0.5	88	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.490	-3.0	96	0.00

(#) = Out of Range

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