

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN022120\
 Data File : VN060179.D
 Acq On : 21 Feb 2020 10:20
 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 22:33:28 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	95	0.00
2 T	Dichlorodifluoromethane	50.000	49.451	1.1	91	0.00
3 P	Chloromethane	50.000	47.855	4.3	91	0.00
4 C	Vinyl Chloride	50.000	48.469	3.1#	92	0.00
5 T	Bromomethane	50.000	49.745	0.5	99	0.00
6 T	Chloroethane	50.000	50.251	-0.5	100	0.00
7 T	Trichlorofluoromethane	50.000	49.547	0.9	97	0.00
8 T	Diethyl Ether	50.000	52.743	-5.5	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.027	-0.1	97	0.00
10 T	Methyl Iodide	50.000	51.580	-3.2	99	0.00
11 T	Tert butyl alcohol	250.000	252.811	-1.1	94	0.00
12 CM	1,1-Dichloroethene	50.000	50.004	-0.0#	97	0.00
13 T	Acrolein	250.000	283.803	-13.5	108	0.00
14 T	Allyl chloride	50.000	51.413	-2.8	104	0.00
15 T	Acrylonitrile	250.000	271.965	-8.8	99	0.00
16 T	Acetone	250.000	242.854	2.9	87	0.00
17 T	Carbon Disulfide	50.000	46.947	6.1	92	0.00
18 T	Methyl Acetate	50.000	55.896	-11.8	103	0.00
19 T	Methyl tert-butyl Ether	50.000	51.360	-2.7	99	0.00
20 T	Methylene Chloride	50.000	50.313	-0.6	98	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.058	-2.1	98	0.00
22 T	Diisopropyl ether	50.000	53.482	-7.0	103	0.00
23 T	Vinyl Acetate	250.000	270.017	-8.0	100	0.00
24 P	1,1-Dichloroethane	50.000	51.718	-3.4	100	0.00
25 T	2-Butanone	250.000	264.463	-5.8	94	0.00
26 T	2,2-Dichloropropane	50.000	51.208	-2.4	98	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.050	-2.1	99	0.00
28 T	Bromochloromethane	50.000	52.510	-5.0	100	0.00
29 T	Tetrahydrofuran	250.000	262.704	-5.1	98	0.00
30 C	Chloroform	50.000	51.913	-3.8#	99	0.00
31 T	Cyclohexane	50.000	49.333	1.3	98	0.00
32 T	1,1,1-Trichloroethane	50.000	51.270	-2.5	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.294	-0.6	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35 S	Dibromofluoromethane	50.000	49.199	1.6	91	0.00
36 T	1,1-Dichloropropene	50.000	51.545	-3.1	99	0.00
37 T	Ethyl Acetate	50.000	52.328	-4.7	99	0.00
38 T	Carbon Tetrachloride	50.000	50.375	-0.8	97	0.00
39 T	Methylcyclohexane	50.000	50.592	-1.2	98	0.00
40 TM	Benzene	50.000	50.699	-1.4	98	0.00
41 T	Methacrylonitrile	50.000	52.883	-5.8	93	0.00
42 TM	1,2-Dichloroethane	50.000	52.772	-5.5	100	0.00
43 T	Isopropyl Acetate	50.000	53.196	-6.4	101	0.00
44 TM	Trichloroethene	50.000	50.870	-1.7	99	0.00
45 C	1,2-Dichloropropane	50.000	54.127	-8.3#	102	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	52.173	-4.3	98	0.00
47 T	Bromodichloromethane	50.000	52.265	-4.5	99	0.00
48 T	Methyl methacrylate	50.000	52.508	-5.0	98	0.00
49 T	1,4-Dioxane	1000.000	1068.639	-6.9	92	0.00
50 S	Toluene-d8	50.000	48.814	2.4	92	0.00
51 T	4-Methyl-2-Pentanone	250.000	270.390	-8.2	99	0.00
52 CM	Toluene	50.000	51.963	-3.9#	99	0.00
53 T	t-1,3-Dichloropropene	50.000	53.632	-7.3	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.641	-5.3	100	0.00
55 T	1,1,2-Trichloroethane	50.000	52.558	-5.1	100	0.00
56 T	Ethyl methacrylate	50.000	54.676	-9.4	99	0.00
57 T	1,3-Dichloropropane	50.000	51.836	-3.7	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	286.571	-14.6	103	0.00
59 T	2-Hexanone	250.000	267.001	-6.8	94	0.00
60 T	Dibromochloromethane	50.000	51.887	-3.8	97	0.00
61 T	1,2-Dibromoethane	50.000	52.256	-4.5	97	0.00
62 S	4-Bromofluorobenzene	50.000	50.662	-1.3	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	50.635	-1.3	99	0.00
65 PM	Chlorobenzene	50.000	51.249	-2.5	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.848	-3.7	99	0.00
67 C	Ethyl Benzene	50.000	51.904	-3.8#	100	0.00
68 T	m/p-Xylenes	100.000	104.544	-4.5	100	0.00
69 T	o-Xylene	50.000	51.752	-3.5	99	0.00
70 T	Styrene	50.000	53.826	-7.7	99	0.00
71 P	Bromoform	50.000	53.168	-6.3	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73 T	Isopropylbenzene	50.000	49.624	0.8	99	0.00
74 T	N-amyl acetate	50.000	53.387	-6.8	99	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.084	-0.2	97	0.00
76 T	1,2,3-Trichloropropane	50.000	49.350	1.3	94	0.00
77 T	Bromobenzene	50.000	49.855	0.3	99	0.00
78 T	n-propylbenzene	50.000	50.528	-1.1	101	0.00
79 T	2-Chlorotoluene	50.000	49.695	0.6	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.546	-1.1	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.383	-4.8	99	0.00
82 T	4-Chlorotoluene	50.000	51.221	-2.4	102	0.00
83 T	tert-Butylbenzene	50.000	49.290	1.4	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.052	-2.1	99	0.00
85 T	sec-Butylbenzene	50.000	50.416	-0.8	100	0.00
86 T	p-Isopropyltoluene	50.000	50.990	-2.0	101	0.00
87 T	1,3-Dichlorobenzene	50.000	51.474	-2.9	101	0.00
88 T	1,4-Dichlorobenzene	50.000	50.908	-1.8	100	0.00
89 T	n-Butylbenzene	50.000	52.368	-4.7	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.269	1.5	97	0.00
91 T	1,2-Dichlorobenzene	50.000	50.284	-0.6	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.947	2.1	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.393	-6.8	99	0.00
94 T	Hexachlorobutadiene	50.000	49.297	1.4	100	0.00
95 T	Naphthalene	50.000	50.098	-0.2	90	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.792	-1.6	96	0.00

(#) = Out of Range

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