

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN021320\
 Data File : VN060096.D
 Acq On : 13 Feb 2020 16:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 14 06:11:03 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	54.223	-8.4	103	0.00
3 P	Chloromethane	50.000	52.760	-5.5	103	0.00
4 C	Vinyl Chloride	50.000	52.589	-5.2#	102	0.00
5 T	Bromomethane	50.000	51.239	-2.5	105	0.00
6 T	Chloroethane	50.000	52.658	-5.3	107	0.00
7 T	Trichlorofluoromethane	50.000	51.524	-3.0	103	0.00
8 T	Diethyl Ether	50.000	53.744	-7.5	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.101	-4.2	104	0.00
10 T	Methyl Iodide	50.000	52.988	-6.0	104	0.00
11 T	Tert butyl alcohol	250.000	252.170	-0.9	96	0.00
12 CM	1,1-Dichloroethene	50.000	53.444	-6.9#	106	0.00
13 T	Acrolein	250.000	250.258	-0.1	97	0.00
14 T	Allyl chloride	50.000	51.491	-3.0	106	0.00
15 T	Acrylonitrile	250.000	272.974	-9.2	101	0.00
16 T	Acetone	250.000	224.894	10.0	82	0.00
17 T	Carbon Disulfide	50.000	51.566	-3.1	104	0.00
18 T	Methyl Acetate	50.000	54.603	-9.2	103	0.00
19 T	Methyl tert-butyl Ether	50.000	52.328	-4.7	103	0.00
20 T	Methylene Chloride	50.000	52.125	-4.3	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.626	-5.3	103	0.00
22 T	Diisopropyl ether	50.000	53.827	-7.7	106	0.00
23 T	Vinyl Acetate	250.000	273.986	-9.6	104	0.00
24 P	1,1-Dichloroethane	50.000	53.012	-6.0	105	0.00
25 T	2-Butanone	250.000	249.608	0.2	91	0.00
26 T	2,2-Dichloropropane	50.000	50.399	-0.8	99	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.796	-3.6	103	0.00
28 T	Bromochloromethane	50.000	48.518	3.0	95	0.00
29 T	Tetrahydrofuran	250.000	260.914	-4.4	100	0.00
30 C	Chloroform	50.000	52.849	-5.7#	103	0.00
31 T	Cyclohexane	50.000	50.935	-1.9	103	0.00
32 T	1,1,1-Trichloroethane	50.000	52.366	-4.7	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.064	-0.1	97	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	49.716	0.6	95	0.00
36 T	1,1-Dichloropropene	50.000	52.317	-4.6	104	0.00
37 T	Ethyl Acetate	50.000	52.097	-4.2	102	0.00
38 T	Carbon Tetrachloride	50.000	50.799	-1.6	102	0.00
39 T	Methylcyclohexane	50.000	51.886	-3.8	104	0.00
40 TM	Benzene	50.000	52.037	-4.1	105	0.00
41 T	Methacrylonitrile	50.000	54.677	-9.4	100	0.00
42 TM	1,2-Dichloroethane	50.000	52.404	-4.8	103	0.00
43 T	Isopropyl Acetate	50.000	53.143	-6.3	104	0.00
44 TM	Trichloroethene	50.000	50.740	-1.5	102	0.00
45 C	1,2-Dichloropropane	50.000	53.256	-6.5#	104	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	52.088	-4.2	102	0.00
47 T	Bromodichloromethane	50.000	52.687	-5.4	103	0.00
48 T	Methyl methacrylate	50.000	52.283	-4.6	101	0.00
49 T	1,4-Dioxane	1000.000	1103.009	-10.3	98	0.00
50 S	Toluene-d8	50.000	49.834	0.3	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	266.684	-6.7	101	0.00
52 CM	Toluene	50.000	52.610	-5.2#	104	0.00
53 T	t-1,3-Dichloropropene	50.000	53.678	-7.4	104	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.735	-5.5	103	0.00
55 T	1,1,2-Trichloroethane	50.000	52.068	-4.1	102	0.00
56 T	Ethyl methacrylate	50.000	55.239	-10.5	103	0.00
57 T	1,3-Dichloropropane	50.000	52.115	-4.2	103	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	305.876	-22.4	114	0.00
59 T	2-Hexanone	250.000	255.707	-2.3	93	0.00
60 T	Dibromochloromethane	50.000	52.377	-4.8	102	0.00
61 T	1,2-Dibromoethane	50.000	53.077	-6.2	102	0.00
62 S	4-Bromofluorobenzene	50.000	51.337	-2.7	100	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	47.296	5.4	96	0.00
65 PM	Chlorobenzene	50.000	51.721	-3.4	103	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.450	-4.9	103	0.00
67 C	Ethyl Benzene	50.000	52.552	-5.1#	105	0.00
68 T	m/p-Xylenes	100.000	106.754	-6.8	106	0.00
69 T	o-Xylene	50.000	52.449	-4.9	104	0.00
70 T	Styrene	50.000	54.706	-9.4	105	0.00
71 P	Bromoform	50.000	53.624	-7.2	103	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	49.454	1.1	104	0.00
74 T	N-amyl acetate	50.000	52.842	-5.7	103	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.670	-1.3	103	0.00
76 T	1,2,3-Trichloropropane	50.000	50.112	-0.2	101	0.00
77 T	Bromobenzene	50.000	49.353	1.3	103	0.00
78 T	n-propylbenzene	50.000	50.114	-0.2	105	0.00
79 T	2-Chlorotoluene	50.000	49.512	1.0	105	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.585	-1.2	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.186	-4.4	104	0.00
82 T	4-Chlorotoluene	50.000	50.500	-1.0	106	0.00
83 T	tert-Butylbenzene	50.000	48.225	3.5	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.109	-2.2	104	0.00
85 T	sec-Butylbenzene	50.000	49.885	0.2	104	0.00
86 T	p-Isopropyltoluene	50.000	50.774	-1.5	106	0.00
87 T	1,3-Dichlorobenzene	50.000	50.798	-1.6	105	0.00
88 T	1,4-Dichlorobenzene	50.000	50.568	-1.1	105	0.00
89 T	n-Butylbenzene	50.000	51.851	-3.7	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.858	0.3	103	0.00
91 T	1,2-Dichlorobenzene	50.000	50.281	-0.6	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.854	2.3	97	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.192	-6.4	103	0.00
94 T	Hexachlorobutadiene	50.000	48.131	3.7	103	0.00
95 T	Naphthalene	50.000	51.882	-3.8	98	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.779	-1.6	101	0.00

(#) = Out of Range

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