

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN060519\
 Data File : VN055995.D
 Acq On : 5 Jun 2019 8:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 06 01:28:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 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	105	0.00
2 T	Dichlorodifluoromethane	50.000	49.543	0.9	103	0.00
3 P	Chloromethane	50.000	50.821	-1.6	101	0.00
4 C	Vinyl Chloride	50.000	51.183	-2.4#	102	0.00
5 T	Bromomethane	50.000	52.188	-4.4	106	0.00
6 T	Chloroethane	50.000	51.433	-2.9	104	0.00
7 T	Trichlorofluoromethane	50.000	50.313	-0.6	104	0.00
8 T	Diethyl Ether	50.000	49.670	0.7	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.833	-3.7	108	0.00
10 T	Methyl Iodide	50.000	50.294	-0.6	103	0.00
11 T	Tert butyl alcohol	250.000	212.691	14.9	89	0.00
12 CM	1,1-Dichloroethene	50.000	50.569	-1.1#	103	0.00
13 T	Acrolein	250.000	218.130	12.7	92	0.00
14 T	Allyl chloride	50.000	50.480	-1.0	103	0.00
15 T	Acrylonitrile	250.000	251.073	-0.4	100	0.00
16 T	Acetone	250.000	260.958	-4.4	107	0.00
17 T	Carbon Disulfide	50.000	52.300	-4.6	104	0.00
18 T	Methyl Acetate	50.000	48.066	3.9	101	0.00
19 T	Methyl tert-butyl Ether	50.000	50.014	-0.0	104	0.00
20 T	Methylene Chloride	50.000	49.351	1.3	105	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.665	-1.3	104	0.00
22 T	Diisopropyl ether	50.000	49.392	1.2	104	0.00
23 T	Vinyl Acetate	250.000	258.767	-3.5	102	0.00
24 P	1,1-Dichloroethane	50.000	49.735	0.5	103	0.00
25 T	2-Butanone	250.000	256.338	-2.5	103	0.00
26 T	2,2-Dichloropropane	50.000	51.365	-2.7	106	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.329	-0.7	104	0.00
28 T	Bromochloromethane	50.000	48.229	3.5	97	0.00
29 T	Tetrahydrofuran	250.000	242.088	3.2	99	0.00
30 C	Chloroform	50.000	49.774	0.5#	103	0.00
31 T	Cyclohexane	50.000	47.885	4.2	104	0.00
32 T	1,1,1-Trichloroethane	50.000	51.203	-2.4	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.850	4.3	100	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35 S	Dibromofluoromethane	50.000	49.121	1.8	102	0.00
36 T	1,1-Dichloropropene	50.000	48.619	2.8	104	0.00
37 T	Ethyl Acetate	50.000	50.137	-0.3	100	0.00
38 T	Carbon Tetrachloride	50.000	49.841	0.3	104	0.00
39 T	Methylcyclohexane	50.000	50.483	-1.0	106	0.00
40 TM	Benzene	50.000	49.736	0.5	103	0.00
41 T	Methacrylonitrile	50.000	48.564	2.9	106	0.00
42 TM	1,2-Dichloroethane	50.000	47.554	4.9	101	0.00
43 T	Isopropyl Acetate	50.000	49.912	0.2	101	0.00
44 TM	Trichloroethene	50.000	49.902	0.2	105	0.00
45 C	1,2-Dichloropropane	50.000	49.586	0.8#	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	49.953	0.1	104	0.00
47 T	Bromodichloromethane	50.000	51.855	-3.7	105	0.00
48 T	Methyl methacrylate	50.000	49.194	1.6	103	0.00
49 T	1,4-Dioxane	1000.000	964.492	3.6	99	0.00
50 S	Toluene-d8	50.000	50.119	-0.2	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	245.783	1.7	101	0.00
52 CM	Toluene	50.000	50.856	-1.7#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	48.696	2.6	108	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.005	-8.0	107	0.00
55 T	1,1,2-Trichloroethane	50.000	50.429	-0.9	104	0.00
56 T	Ethyl methacrylate	50.000	52.531	-5.1	105	0.00
57 T	1,3-Dichloropropane	50.000	50.424	-0.8	104	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	231.703	7.3	106	0.00
59 T	2-Hexanone	250.000	252.800	-1.1	104	0.00
60 T	Dibromochloromethane	50.000	48.552	2.9	107	0.00
61 T	1,2-Dibromoethane	50.000	52.205	-4.4	107	0.00
62 S	4-Bromofluorobenzene	50.000	51.774	-3.5	107	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64 T	Tetrachloroethene	50.000	48.603	2.8	106	0.00
65 PM	Chlorobenzene	50.000	49.710	0.6	106	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.332	-4.7	107	0.00
67 C	Ethyl Benzene	50.000	50.484	-1.0#	107	0.00
68 T	m/p-Xylenes	100.000	102.128	-2.1	107	0.00
69 T	o-Xylene	50.000	50.467	-0.9	106	0.00
70 T	Styrene	50.000	53.524	-7.0	108	0.00
71 P	Bromoform	50.000	47.974	4.1	107	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73 T	Isopropylbenzene	50.000	52.538	-5.1	108	0.00
74 T	N-amyl acetate	50.000	47.971	4.1	106	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.074	7.9	105	0.00
76 T	1,2,3-Trichloropropane	50.000	48.956	2.1	111	0.00
77 T	Bromobenzene	50.000	47.294	5.4	108	0.00
78 T	n-propylbenzene	50.000	48.138	3.7	108	0.00
79 T	2-Chlorotoluene	50.000	52.243	-4.5	107	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.734	6.5	109	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.348	-6.7	111	0.00
82 T	4-Chlorotoluene	50.000	49.239	1.5	110	0.00
83 T	tert-Butylbenzene	50.000	52.488	-5.0	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.004	2.0	109	0.00
85 T	sec-Butylbenzene	50.000	47.552	4.9	108	0.00
86 T	p-Isopropyltoluene	50.000	49.084	1.8	109	0.00
87 T	1,3-Dichlorobenzene	50.000	50.212	-0.4	109	0.00
88 T	1,4-Dichlorobenzene	50.000	50.341	-0.7	110	0.00
89 T	n-Butylbenzene	50.000	52.392	-4.8	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.446	-0.9	109	0.00
91 T	1,2-Dichlorobenzene	50.000	48.818	2.4	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.210	-4.4	106	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.724	6.6	113	0.00
94 T	Hexachlorobutadiene	50.000	53.177	-6.4	110	0.00
95 T	Naphthalene	50.000	45.640	8.7	107	0.00
96 T	1,2,3-Trichlorobenzene	50.000	46.902	6.2	108	0.00

(#) = Out of Range

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