

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN022819\
 Data File : VN053993.D
 Acq On : 28 Feb 2019 9:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 01 04:11:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 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	108	0.00
2 T	Dichlorodifluoromethane	50.000	47.480	5.0	104	0.00
3 P	Chloromethane	50.000	46.139	7.7	103	0.00
4 C	Vinyl Chloride	50.000	46.199	7.6#	103	0.00
5 T	Bromomethane	50.000	42.955	14.1	102	0.00
6 T	Chloroethane	50.000	44.749	10.5	103	0.00
7 T	Trichlorofluoromethane	50.000	46.934	6.1	107	0.00
8 T	Diethyl Ether	50.000	46.606	6.8	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.056	3.9	110	0.00
10 T	Methyl Iodide	50.000	49.681	0.6	105	0.00
11 T	Tert butyl alcohol	250.000	236.282	5.5	96	0.00
12 CM	1,1-Dichloroethene	50.000	46.182	7.6#	103	0.00
13 T	Acrolein	250.000	206.795	17.3	110	0.00
14 T	Allyl chloride	50.000	46.070	7.9	100	0.00
15 T	Acrylonitrile	250.000	247.383	1.0	103	0.00
16 T	Acetone	250.000	313.663	-25.5#	124	0.00
17 T	Carbon Disulfide	50.000	45.701	8.6	104	0.00
18 T	Methyl Acetate	50.000	49.988	0.0	109	0.00
19 T	Methyl tert-butyl Ether	50.000	48.381	3.2	102	0.00
20 T	Methylene Chloride	50.000	45.411	9.2	103	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.296	7.4	102	0.00
22 T	Diisopropyl ether	50.000	49.974	0.1	105	0.00
23 T	Vinyl Acetate	250.000	251.848	-0.7	104	0.00
24 P	1,1-Dichloroethane	50.000	47.084	5.8	105	0.00
25 T	2-Butanone	250.000	264.865	-5.9	109	0.00
26 T	2,2-Dichloropropane	50.000	50.722	-1.4	111	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.134	5.7	103	0.00
28 T	Bromochloromethane	50.000	50.489	-1.0	107	0.00
29 T	Tetrahydrofuran	250.000	249.085	0.4	103	0.00
30 C	Chloroform	50.000	47.408	5.2#	105	0.00
31 T	Cyclohexane	50.000	48.515	3.0	106	0.00
32 T	1,1,1-Trichloroethane	50.000	48.077	3.8	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.420	3.2	107	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35 S	Dibromofluoromethane	50.000	51.098	-2.2	105	0.00
36 T	1,1-Dichloropropene	50.000	53.428	-6.9	109	0.00
37 T	Ethyl Acetate	50.000	50.532	-1.1	104	0.00
38 T	Carbon Tetrachloride	50.000	48.097	3.8	106	0.00
39 T	Methylcyclohexane	50.000	52.521	-5.0	108	0.00
40 TM	Benzene	50.000	50.481	-1.0	103	0.00
41 T	Methacrylonitrile	50.000	40.027	19.9	73	-0.02
42 TM	1,2-Dichloroethane	50.000	51.606	-3.2	105	0.00
43 T	Isopropyl Acetate	50.000	51.148	-2.3	104	0.00
44 TM	Trichloroethene	50.000	50.381	-0.8	103	0.00
45 C	1,2-Dichloropropane	50.000	50.618	-1.2#	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	50.393	-0.8	102	0.00
47 T	Bromodichloromethane	50.000	52.098	-4.2	106	0.00
48 T	Methyl methacrylate	50.000	54.377	-8.8	106	0.00
49 T	1,4-Dioxane	1000.000	1080.415	-8.0	98	0.00
50 S	Toluene-d8	50.000	51.599	-3.2	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	280.454	-12.2	104	0.00
52 CM	Toluene	50.000	50.974	-1.9#	101	0.00
53 T	t-1,3-Dichloropropene	50.000	53.666	-7.3	105	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.619	-5.2	104	0.00
55 T	1,1,2-Trichloroethane	50.000	50.735	-1.5	103	0.00
56 T	Ethyl methacrylate	50.000	48.218	3.6	100	0.00
57 T	1,3-Dichloropropane	50.000	51.461	-2.9	103	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	241.029	3.6	101	0.00
59 T	2-Hexanone	250.000	286.532	-14.6	106	0.00
60 T	Dibromochloromethane	50.000	51.723	-3.4	104	0.00
61 T	1,2-Dibromoethane	50.000	50.987	-2.0	102	0.00
62 S	4-Bromofluorobenzene	50.000	51.539	-3.1	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	50.629	-1.3	107	0.00
65 PM	Chlorobenzene	50.000	48.889	2.2	101	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.042	-2.1	104	0.00
67 C	Ethyl Benzene	50.000	51.129	-2.3#	103	0.00
68 T	m/p-Xylenes	100.000	103.332	-3.3	103	0.00
69 T	o-Xylene	50.000	49.938	0.1	102	0.00
70 T	Styrene	50.000	53.632	-7.3	102	0.00
71 P	Bromoform	50.000	52.149	-4.3	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	48.219	3.6	104	0.00
74 T	N-amyl acetate	50.000	52.139	-4.3	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.614	4.8	102	0.00
76 T	1,2,3-Trichloropropane	50.000	48.022	4.0	101	0.00
77 T	Bromobenzene	50.000	47.158	5.7	100	0.00
78 T	n-propylbenzene	50.000	50.925	-1.8	106	0.00
79 T	2-Chlorotoluene	50.000	48.724	2.6	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.530	-1.1	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.902	-1.8	102	0.00
82 T	4-Chlorotoluene	50.000	50.029	-0.1	103	0.00
83 T	tert-Butylbenzene	50.000	49.107	1.8	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.026	-2.1	103	0.00
85 T	sec-Butylbenzene	50.000	50.249	-0.5	105	0.00
86 T	p-Isopropyltoluene	50.000	51.291	-2.6	105	0.00
87 T	1,3-Dichlorobenzene	50.000	49.923	0.2	103	0.00
88 T	1,4-Dichlorobenzene	50.000	49.636	0.7	102	0.00
89 T	n-Butylbenzene	50.000	54.355	-8.7	108	0.00

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90 T	Hexachloroethane	50.000	48.609	2.8	107	0.00
91 T	1,2-Dichlorobenzene	50.000	49.153	1.7	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.103	-0.2	103	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.324	5.4	98	0.00
94 T	Hexachlorobutadiene	50.000	50.174	-0.3	108	0.00
95 T	Naphthalene	50.000	43.239	13.5	90	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.465	5.1	96	0.00

(#) = Out of Range

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