

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN033019\
 Data File : VN054794.D
 Acq On : 30 Mar 2019 11:28
 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 30 22:47:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 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	104	0.00
2 T	Dichlorodifluoromethane	50.000	47.199	5.6	104	0.00
3 P	Chloromethane	50.000	45.774	8.5	99	0.00
4 C	Vinyl Chloride	50.000	45.676	8.6#	100	0.00
5 T	Bromomethane	50.000	49.027	1.9	98	0.00
6 T	Chloroethane	50.000	45.060	9.9	101	0.00
7 T	Trichlorofluoromethane	50.000	47.422	5.2	102	0.00
8 T	Diethyl Ether	50.000	47.393	5.2	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.380	5.2	104	0.00
10 T	Methyl Iodide	50.000	48.547	2.9	96	0.00
11 T	Tert butyl alcohol	250.000	269.720	-7.9	115	0.00
12 CM	1,1-Dichloroethene	50.000	46.476	7.0#	99	0.00
13 T	Acrolein	250.000	268.691	-7.5	119	0.00
14 T	Allyl chloride	50.000	47.412	5.2	102	0.00
15 T	Acrylonitrile	250.000	257.767	-3.1	108	0.00
16 T	Acetone	250.000	299.685	-19.9	129	0.00
17 T	Carbon Disulfide	50.000	46.568	6.9	101	0.00
18 T	Methyl Acetate	50.000	53.546	-7.1	109	0.00
19 T	Methyl tert-butyl Ether	50.000	49.318	1.4	104	0.00
20 T	Methylene Chloride	50.000	46.021	8.0	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.040	3.9	103	0.00
22 T	Diisopropyl ether	50.000	49.105	1.8	102	0.00
23 T	Vinyl Acetate	250.000	261.414	-4.6	104	0.00
24 P	1,1-Dichloroethane	50.000	48.241	3.5	101	0.00
25 T	2-Butanone	250.000	293.515	-17.4	117	0.00
26 T	2,2-Dichloropropane	50.000	50.618	-1.2	106	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.305	3.4	102	0.00
28 T	Bromochloromethane	50.000	53.684	-7.4	112	0.00
29 T	Tetrahydrofuran	250.000	253.935	-1.6	109	0.00
30 C	Chloroform	50.000	48.520	3.0#	102	0.00
31 T	Cyclohexane	50.000	50.752	-1.5	102	0.00
32 T	1,1,1-Trichloroethane	50.000	49.615	0.8	103	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.505	3.0	100	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	49.355	1.3	99	0.00
36 T	1,1-Dichloropropene	50.000	49.917	0.2	102	0.00
37 T	Ethyl Acetate	50.000	52.413	-4.8	108	0.00
38 T	Carbon Tetrachloride	50.000	48.424	3.2	101	0.00
39 T	Methylcyclohexane	50.000	51.466	-2.9	103	0.00
40 TM	Benzene	50.000	51.237	-2.5	102	0.00
41 T	Methacrylonitrile	50.000	51.956	-3.9	103	0.00
42 TM	1,2-Dichloroethane	50.000	51.071	-2.1	104	0.00
43 T	Isopropyl Acetate	50.000	55.432	-10.9	106	0.00
44 TM	Trichloroethene	50.000	51.480	-3.0	105	0.00
45 C	1,2-Dichloropropane	50.000	50.161	-0.3#	101	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	51.707	-3.4	103	0.00
47 T	Bromodichloromethane	50.000	51.763	-3.5	101	0.00
48 T	Methyl methacrylate	50.000	52.903	-5.8	106	0.00
49 T	1,4-Dioxane	1000.000	1163.849	-16.4	113	0.00
50 S	Toluene-d8	50.000	49.760	0.5	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	283.388	-13.4	109	0.00
52 CM	Toluene	50.000	51.597	-3.2#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	54.249	-8.5	102	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.761	-9.5	103	0.00
55 T	1,1,2-Trichloroethane	50.000	51.170	-2.3	106	0.00
56 T	Ethyl methacrylate	50.000	54.530	-9.1	105	0.00
57 T	1,3-Dichloropropane	50.000	52.270	-4.5	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	238.223	4.7	98	0.00
59 T	2-Hexanone	250.000	292.816	-17.1	116	0.00
60 T	Dibromochloromethane	50.000	54.289	-8.6	103	0.00
61 T	1,2-Dibromoethane	50.000	52.722	-5.4	103	0.00
62 S	4-Bromofluorobenzene	50.000	51.929	-3.9	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	49.618	0.8	103	0.00
65 PM	Chlorobenzene	50.000	49.863	0.3	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.885	0.2	99	0.00
67 C	Ethyl Benzene	50.000	50.769	-1.5#	104	0.00
68 T	m/p-Xylenes	100.000	101.889	-1.9	104	0.00
69 T	o-Xylene	50.000	50.076	-0.2	103	0.00
70 T	Styrene	50.000	53.268	-6.5	103	0.00
71 P	Bromoform	50.000	53.534	-7.1	103	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	46.698	6.6	104	0.00
74 T	N-amyl acetate	50.000	51.413	-2.8	108	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.389	-6.8	108	0.00
76 T	1,2,3-Trichloropropane	50.000	46.400	7.2	107	0.00
77 T	Bromobenzene	50.000	48.046	3.9	104	0.00
78 T	n-propylbenzene	50.000	48.442	3.1	104	0.00
79 T	2-Chlorotoluene	50.000	46.682	6.6	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.724	4.6	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.629	-3.3	110	0.00
82 T	4-Chlorotoluene	50.000	48.107	3.8	102	0.00
83 T	tert-Butylbenzene	50.000	51.266	-2.5	101	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.799	0.4	104	0.00
85 T	sec-Butylbenzene	50.000	48.195	3.6	106	0.00
86 T	p-Isopropyltoluene	50.000	48.911	2.2	104	0.00
87 T	1,3-Dichlorobenzene	50.000	49.487	1.0	105	0.00
88 T	1,4-Dichlorobenzene	50.000	49.099	1.8	104	0.00
89 T	n-Butylbenzene	50.000	52.128	-4.3	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	46.724	6.6	99	0.00
91 T	1,2-Dichlorobenzene	50.000	47.610	4.8	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.999	-4.0	105	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.143	-4.3	105	0.00
94 T	Hexachlorobutadiene	50.000	54.693	-9.4	107	0.00
95 T	Naphthalene	50.000	50.944	-1.9	106	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.913	0.2	103	0.00

(#) = Out of Range

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