

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN062419\
 Data File : VN056441.D
 Acq On : 24 Jun 2019 9:21
 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 25 01:30:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 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	110	0.00
2 T	Dichlorodifluoromethane	50.000	49.867	0.3	108	0.00
3 P	Chloromethane	50.000	44.472	11.1	101	0.00
4 C	Vinyl Chloride	50.000	47.491	5.0#	106	0.00
5 T	Bromomethane	50.000	44.714	10.6	94	0.00
6 T	Chloroethane	50.000	47.458	5.1	105	0.00
7 T	Trichlorofluoromethane	50.000	49.647	0.7	112	0.00
8 T	Diethyl Ether	50.000	48.281	3.4	110	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.953	0.1	114	0.00
10 T	Methyl Iodide	50.000	49.186	1.6	104	0.00
11 T	Tert butyl alcohol	250.000	238.434	4.6	106	0.00
12 CM	1,1-Dichloroethene	50.000	49.683	0.6#	110	0.00
13 T	Acrolein	250.000	249.313	0.3	111	0.00
14 T	Allyl chloride	50.000	50.423	-0.8	110	0.00
15 T	Acrylonitrile	250.000	238.497	4.6	105	0.00
16 T	Acetone	250.000	264.353	-5.7	119	0.00
17 T	Carbon Disulfide	50.000	48.576	2.8	107	0.00
18 T	Methyl Acetate	50.000	47.997	4.0	109	0.00
19 T	Methyl tert-butyl Ether	50.000	49.869	0.3	112	0.00
20 T	Methylene Chloride	50.000	48.209	3.6	106	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.920	2.2	109	0.00
22 T	Diisopropyl ether	50.000	50.147	-0.3	112	0.00
23 T	Vinyl Acetate	250.000	263.869	-5.5	110	0.00
24 P	1,1-Dichloroethane	50.000	49.868	0.3	111	0.00
25 T	2-Butanone	250.000	250.031	-0.0	109	0.00
26 T	2,2-Dichloropropane	50.000	54.535	-9.1	121	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.038	-0.1	110	0.00
28 T	Bromochloromethane	50.000	49.897	0.2	110	0.00
29 T	Tetrahydrofuran	250.000	237.849	4.9	105	0.00
30 C	Chloroform	50.000	49.864	0.3#	112	0.00
31 T	Cyclohexane	50.000	46.391	7.2	108	0.00
32 T	1,1,1-Trichloroethane	50.000	52.010	-4.0	113	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.384	-0.8	110	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
35 S	Dibromofluoromethane	50.000	52.955	-5.9	112	0.00
36 T	1,1-Dichloropropene	50.000	49.359	1.3	109	0.00
37 T	Ethyl Acetate	50.000	50.185	-0.4	103	0.00
38 T	Carbon Tetrachloride	50.000	52.656	-5.3	115	0.00
39 T	Methylcyclohexane	50.000	50.233	-0.5	111	0.00
40 TM	Benzene	50.000	49.551	0.9	109	0.00
41 T	Methacrylonitrile	50.000	47.451	5.1	107	0.00
42 TM	1,2-Dichloroethane	50.000	48.815	2.4	109	0.00
43 T	Isopropyl Acetate	50.000	51.720	-3.4	109	0.00
44 TM	Trichloroethene	50.000	50.597	-1.2	110	0.00
45 C	1,2-Dichloropropane	50.000	50.431	-0.9#	110	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	51.107	-2.2	110	0.00
47 T	Bromodichloromethane	50.000	54.994	-10.0	116	0.00
48 T	Methyl methacrylate	50.000	49.368	1.3	108	0.00
49 T	1,4-Dioxane	1000.000	957.889	4.2	108	0.00
50 S	Toluene-d8	50.000	50.884	-1.8	108	0.00
51 T	4-Methyl-2-Pentanone	250.000	245.411	1.8	104	0.00
52 CM	Toluene	50.000	50.641	-1.3#	111	0.00
53 T	t-1,3-Dichloropropene	50.000	50.507	-1.0	116	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.164	-12.3	113	0.00
55 T	1,1,2-Trichloroethane	50.000	51.162	-2.3	110	0.00
56 T	Ethyl methacrylate	50.000	52.408	-4.8	109	0.00
57 T	1,3-Dichloropropane	50.000	50.741	-1.5	110	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	249.416	0.2	105	0.00
59 T	2-Hexanone	250.000	244.007	2.4	104	0.00
60 T	Dibromochloromethane	50.000	50.873	-1.7	116	0.00
61 T	1,2-Dibromoethane	50.000	51.528	-3.1	109	0.00
62 S	4-Bromofluorobenzene	50.000	53.094	-6.2	111	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64 T	Tetrachloroethene	50.000	49.479	1.0	111	0.00
65 PM	Chlorobenzene	50.000	50.310	-0.6	110	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.081	-10.2	115	0.00
67 C	Ethyl Benzene	50.000	50.484	-1.0#	110	0.00
68 T	m/p-Xylenes	100.000	103.615	-3.6	110	0.00
69 T	o-Xylene	50.000	51.971	-3.9	112	0.00
70 T	Styrene	50.000	53.839	-7.7	110	0.00
71 P	Bromoform	50.000	50.119	-0.2	117	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73 T	Isopropylbenzene	50.000	54.770	-9.5	112	0.00
74 T	N-amyl acetate	50.000	46.795	6.4	108	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.516	-5.0	107	0.00
76 T	1,2,3-Trichloropropane	50.000	46.247	7.5	106	0.00
77 T	Bromobenzene	50.000	47.058	5.9	109	0.00
78 T	n-propylbenzene	50.000	48.938	2.1	112	0.00
79 T	2-Chlorotoluene	50.000	54.179	-8.4	110	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.892	-7.8	111	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.078	-10.2	121	0.00
82 T	4-Chlorotoluene	50.000	48.092	3.8	109	0.00
83 T	tert-Butylbenzene	50.000	54.720	-9.4	112	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.249	3.5	109	0.00
85 T	sec-Butylbenzene	50.000	48.347	3.3	112	0.00
86 T	p-Isopropyltoluene	50.000	50.117	-0.2	112	0.00
87 T	1,3-Dichlorobenzene	50.000	50.854	-1.7	111	0.00
88 T	1,4-Dichlorobenzene	50.000	49.574	0.9	110	0.00
89 T	n-Butylbenzene	50.000	51.122	-2.2	112	0.00

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90 T	Hexachloroethane	50.000	53.004	-6.0	120	0.00
91 T	1,2-Dichlorobenzene	50.000	49.579	0.8	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.756	-1.5	106	0.00
93 T	1,2,4-Trichlorobenzene	50.000	43.695	12.6	105	0.00
94 T	Hexachlorobutadiene	50.000	54.157	-8.3	113	0.00
95 T	Naphthalene	50.000	44.526	10.9	106	0.00
96 T	1,2,3-Trichlorobenzene	50.000	45.951	8.1	107	0.00

(#) = Out of Range

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