

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN010919\
 Data File : VN053319.D
 Acq On : 9 Jan 2019 9:07
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 10 03:22:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 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	123	0.00
2 T	Dichlorodifluoromethane	50.000	49.633	0.7	119	0.00
3 P	Chloromethane	50.000	45.007	10.0	113	0.00
4 C	Vinyl Chloride	50.000	47.318	5.4#	116	0.00
5 T	Bromomethane	50.000	47.765	4.5	122	0.00
6 T	Chloroethane	50.000	46.912	6.2	120	0.00
7 T	Trichlorofluoromethane	50.000	48.321	3.4	122	0.00
8 T	Diethyl Ether	50.000	47.829	4.3	118	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.666	0.7	126	0.00
10 T	Methyl Iodide	50.000	50.923	-1.8	123	0.00
11 T	Tert butyl alcohol	250.000	254.528	-1.8	118	0.00
12 CM	1,1-Dichloroethene	50.000	47.912	4.2#	119	0.00
13 T	Acrolein	250.000	220.195	11.9	112	0.00
14 T	Allyl chloride	50.000	46.643	6.7	119	0.00
15 T	Acrylonitrile	250.000	235.452	5.8	114	0.00
16 T	Acetone	250.000	318.866	-27.5#	155	0.00
17 T	Carbon Disulfide	50.000	46.483	7.0	117	0.00
18 T	Methyl Acetate	50.000	43.322	13.4	116	0.00
19 T	Methyl tert-butyl Ether	50.000	48.112	3.8	119	0.00
20 T	Methylene Chloride	50.000	45.591	8.8	118	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.008	4.0	120	0.00
22 T	Diisopropyl ether	50.000	48.122	3.8	118	0.00
23 T	Vinyl Acetate	250.000	242.499	3.0	117	0.00
24 P	1,1-Dichloroethane	50.000	47.503	5.0	118	0.00
25 T	2-Butanone	250.000	250.389	-0.2	124	0.00
26 T	2,2-Dichloropropane	50.000	50.477	-1.0	127	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.454	3.1	119	0.00
28 T	Bromochloromethane	50.000	48.702	2.6	116	0.00
29 T	Tetrahydrofuran	250.000	232.313	7.1	114	0.00
30 C	Chloroform	50.000	47.445	5.1#	118	0.00
31 T	Cyclohexane	50.000	46.932	6.1	118	0.00
32 T	1,1,1-Trichloroethane	50.000	47.656	4.7	119	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.342	5.3	118	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	121	0.00
35 S	Dibromofluoromethane	50.000	50.178	-0.4	122	0.00
36 T	1,1-Dichloropropene	50.000	49.886	0.2	122	0.00
37 T	Ethyl Acetate	50.000	48.189	3.6	115	0.00
38 T	Carbon Tetrachloride	50.000	49.943	0.1	120	0.00
39 T	Methylcyclohexane	50.000	50.194	-0.4	121	0.00
40 TM	Benzene	50.000	49.101	1.8	119	0.00
41 T	Methacrylonitrile	50.000	39.675	20.7	103	-0.01
42 TM	1,2-Dichloroethane	50.000	48.274	3.5	118	0.00
43 T	Isopropyl Acetate	50.000	43.945	12.1	114	0.00
44 TM	Trichloroethene	50.000	49.564	0.9	121	0.00
45 C	1,2-Dichloropropane	50.000	49.330	1.3#	119	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.024	2.0	117	0.00
47 T	Bromodichloromethane	50.000	49.755	0.5	120	0.00
48 T	Methyl methacrylate	50.000	48.301	3.4	114	0.00
49 T	1,4-Dioxane	1000.000	1136.473	-13.6	123	0.00
50 S	Toluene-d8	50.000	49.479	1.0	120	0.00
51 T	4-Methyl-2-Pentanone	250.000	244.132	2.3	115	0.00
52 CM	Toluene	50.000	50.101	-0.2#	119	0.00
53 T	t-1,3-Dichloropropene	50.000	51.426	-2.9	121	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.077	-2.2	120	0.00
55 T	1,1,2-Trichloroethane	50.000	48.288	3.4	118	0.00
56 T	Ethyl methacrylate	50.000	51.045	-2.1	118	0.00
57 T	1,3-Dichloropropane	50.000	49.409	1.2	119	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	245.725	1.7	115	0.00
59 T	2-Hexanone	250.000	257.834	-3.1	120	0.00
60 T	Dibromochloromethane	50.000	50.594	-1.2	119	0.00
61 T	1,2-Dibromoethane	50.000	49.007	2.0	116	0.00
62 S	4-Bromofluorobenzene	50.000	49.778	0.4	122	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	121	0.00
64 T	Tetrachloroethene	50.000	49.365	1.3	118	0.00
65 PM	Chlorobenzene	50.000	49.243	1.5	119	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.860	0.3	120	0.00
67 C	Ethyl Benzene	50.000	50.667	-1.3#	120	0.00
68 T	m/p-Xylenes	100.000	102.328	-2.3	120	0.00
69 T	o-Xylene	50.000	50.458	-0.9	119	0.00
70 T	Styrene	50.000	51.530	-3.1	120	0.00
71 P	Bromoform	50.000	51.071	-2.1	120	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	117	0.00
73 T	Isopropylbenzene	50.000	51.607	-3.2	119	0.00
74 T	N-amyl acetate	50.000	50.579	-1.2	114	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.786	2.4	117	0.00
76 T	1,2,3-Trichloropropane	50.000	51.308	-2.6	124	0.00
77 T	Bromobenzene	50.000	50.740	-1.5	120	0.00
78 T	n-propylbenzene	50.000	52.097	-4.2	119	0.00
79 T	2-Chlorotoluene	50.000	50.456	-0.9	118	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.438	-2.9	119	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.666	-11.3	122	0.00
82 T	4-Chlorotoluene	50.000	50.995	-2.0	120	0.00
83 T	tert-Butylbenzene	50.000	50.634	-1.3	119	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.441	-2.9	119	0.00
85 T	sec-Butylbenzene	50.000	51.303	-2.6	119	0.00
86 T	p-Isopropyltoluene	50.000	52.007	-4.0	119	0.00
87 T	1,3-Dichlorobenzene	50.000	49.834	0.3	118	0.00
88 T	1,4-Dichlorobenzene	50.000	49.872	0.3	119	0.00
89 T	n-Butylbenzene	50.000	52.125	-4.3	121	0.00

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90 T	Hexachloroethane	50.000	51.209	-2.4	118	0.00
91 T	1,2-Dichlorobenzene	50.000	49.558	0.9	116	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.237	-4.5	116	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.346	-8.7	121	0.00
94 T	Hexachlorobutadiene	50.000	52.801	-5.6	121	0.00
95 T	Naphthalene	50.000	57.016	-14.0	125	0.00
96 T	1,2,3-Trichlorobenzene	50.000	55.467	-10.9	125	0.00

(#) = Out of Range

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