

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011019\
 Data File : VN053332.D
 Acq On : 10 Jan 2019 9:30
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 11 06:06:18 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	98	0.00
2 T	Dichlorodifluoromethane	50.000	49.225	1.5	94	0.00
3 P	Chloromethane	50.000	47.020	6.0	94	0.00
4 C	Vinyl Chloride	50.000	48.294	3.4#	95	0.00
5 T	Bromomethane	50.000	48.366	3.3	99	0.00
6 T	Chloroethane	50.000	48.126	3.7	98	0.00
7 T	Trichlorofluoromethane	50.000	49.081	1.8	99	0.00
8 T	Diethyl Ether	50.000	49.473	1.1	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.820	2.4	99	0.00
10 T	Methyl Iodide	50.000	53.475	-7.0	103	0.00
11 T	Tert butyl alcohol	250.000	226.255	9.5	84	0.00
12 CM	1,1-Dichloroethene	50.000	49.110	1.8#	97	0.00
13 T	Acrolein	250.000	231.961	7.2	94	0.00
14 T	Allyl chloride	50.000	50.959	-1.9	104	0.00
15 T	Acrylonitrile	250.000	241.473	3.4	93	0.00
16 T	Acetone	250.000	264.381	-5.8	103	0.00
17 T	Carbon Disulfide	50.000	46.095	7.8	92	0.00
18 T	Methyl Acetate	50.000	45.275	9.5	97	0.00
19 T	Methyl tert-butyl Ether	50.000	49.633	0.7	98	0.00
20 T	Methylene Chloride	50.000	47.431	5.1	98	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.033	1.9	97	0.00
22 T	Diisopropyl ether	50.000	50.023	-0.0	98	0.00
23 T	Vinyl Acetate	250.000	252.180	-0.9	97	0.00
24 P	1,1-Dichloroethane	50.000	49.627	0.7	98	0.00
25 T	2-Butanone	250.000	243.034	2.8	96	0.00
26 T	2,2-Dichloropropane	50.000	51.574	-3.1	103	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.658	0.7	98	0.00
28 T	Bromochloromethane	50.000	48.832	2.3	93	0.00
29 T	Tetrahydrofuran	250.000	233.936	6.4	91	0.00
30 C	Chloroform	50.000	49.325	1.3#	98	0.00
31 T	Cyclohexane	50.000	48.222	3.6	96	0.00
32 T	1,1,1-Trichloroethane	50.000	49.657	0.7	99	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.488	5.0	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	50.406	-0.8	99	0.00
36 T	1,1-Dichloropropene	50.000	49.670	0.7	98	0.00
37 T	Ethyl Acetate	50.000	48.623	2.8	94	0.00
38 T	Carbon Tetrachloride	50.000	50.563	-1.1	99	0.00
39 T	Methylcyclohexane	50.000	51.751	-3.5	101	0.00
40 TM	Benzene	50.000	49.824	0.4	98	0.00
41 T	Methacrylonitrile	50.000	41.993	16.0	88	-0.01
42 TM	1,2-Dichloroethane	50.000	49.380	1.2	98	0.00
43 T	Isopropyl Acetate	50.000	44.640	10.7	94	0.00
44 TM	Trichloroethene	50.000	49.947	0.1	99	0.00
45 C	1,2-Dichloropropane	50.000	50.117	-0.2#	98	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	49.684	0.6	96	0.00
47 T	Bromodichloromethane	50.000	50.822	-1.6	100	0.00
48 T	Methyl methacrylate	50.000	49.417	1.2	94	0.00
49 T	1,4-Dioxane	1000.000	931.206	6.9	82	0.00
50 S	Toluene-d8	50.000	48.051	3.9	95	0.00
51 T	4-Methyl-2-Pentanone	250.000	247.279	1.1	94	0.00
52 CM	Toluene	50.000	50.278	-0.6#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	51.560	-3.1	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.770	-3.5	99	0.00
55 T	1,1,2-Trichloroethane	50.000	49.385	1.2	97	0.00
56 T	Ethyl methacrylate	50.000	51.249	-2.5	96	0.00
57 T	1,3-Dichloropropane	50.000	50.274	-0.5	98	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	228.968	8.4	87	0.00
59 T	2-Hexanone	250.000	255.448	-2.2	96	0.00
60 T	Dibromochloromethane	50.000	51.018	-2.0	97	0.00
61 T	1,2-Dibromoethane	50.000	50.185	-0.4	96	0.00
62 S	4-Bromofluorobenzene	50.000	48.375	3.3	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	50.618	-1.2	98	0.00
65 PM	Chlorobenzene	50.000	49.899	0.2	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.582	-1.2	98	0.00
67 C	Ethyl Benzene	50.000	50.783	-1.6#	98	0.00
68 T	m/p-Xylenes	100.000	102.701	-2.7	97	0.00
69 T	o-Xylene	50.000	51.187	-2.4	98	0.00
70 T	Styrene	50.000	52.244	-4.5	98	0.00
71 P	Bromoform	50.000	51.807	-3.6	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	52.083	-4.2	98	0.00
74 T	N-amyl acetate	50.000	51.541	-3.1	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.323	1.4	97	0.00
76 T	1,2,3-Trichloropropane	50.000	51.555	-3.1	102	0.00
77 T	Bromobenzene	50.000	50.551	-1.1	98	0.00
78 T	n-propylbenzene	50.000	52.880	-5.8	99	0.00
79 T	2-Chlorotoluene	50.000	51.392	-2.8	99	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.572	-5.1	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.784	-9.6	99	0.00
82 T	4-Chlorotoluene	50.000	50.917	-1.8	98	0.00
83 T	tert-Butylbenzene	50.000	52.990	-6.0	102	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.074	-4.1	98	0.00
85 T	sec-Butylbenzene	50.000	54.621	-9.2	104	0.00
86 T	p-Isopropyltoluene	50.000	54.893	-9.8	103	0.00
87 T	1,3-Dichlorobenzene	50.000	50.431	-0.9	98	0.00
88 T	1,4-Dichlorobenzene	50.000	50.502	-1.0	99	0.00
89 T	n-Butylbenzene	50.000	55.431	-10.9	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.356	-4.7	99	0.00
91 T	1,2-Dichlorobenzene	50.000	51.085	-2.2	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.425	-8.8	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	61.418	-22.8	112	0.00
94 T	Hexachlorobutadiene	50.000	60.250	-20.5	113	0.00
95 T	Naphthalene	50.000	62.752	-25.5#	112	0.00
96 T	1,2,3-Trichlorobenzene	50.000	65.900	-31.8#	122	0.00

(#) = Out of Range

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