

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN092318\
 Data File : VN051425.D
 Acq On : 23 Sep 2018 20:30
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 24 07:56:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	87	0.00
2 T	Dichlorodifluoromethane	50.000	48.665	2.7	93	0.00
3 P	Chloromethane	50.000	52.217	-4.4	100	0.00
4 C	Vinyl Chloride	50.000	51.511	-3.0#	98	0.00
5 T	Bromomethane	50.000	49.782	0.4	91	0.00
6 T	Chloroethane	50.000	52.054	-4.1	95	0.00
7 T	Trichlorofluoromethane	50.000	51.087	-2.2	92	0.00
8 T	Diethyl Ether	50.000	46.203	7.6	72	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.851	10.3	71	0.00
10 T	Methyl Iodide	50.000	47.374	5.3	74	0.00
11 T	Tert butyl alcohol	250.000	238.249	4.7	77	0.00
12 CM	1,1-Dichloroethene	50.000	44.418	11.2#	73	0.00
13 T	Acrolein	250.000	238.255	4.7	72	0.00
14 T	Allyl chloride	50.000	46.309	7.4	70	0.00
15 T	Acrylonitrile	250.000	237.010	5.2	73	0.00
16 T	Acetone	250.000	220.317	11.9	66	0.00
17 T	Carbon Disulfide	50.000	45.254	9.5	71	0.00
18 T	Methyl Acetate	50.000	48.675	2.7	75	0.00
19 T	Methyl tert-butyl Ether	50.000	49.831	0.3	82	0.00
20 T	Methylene Chloride	50.000	47.522	5.0	73	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.922	4.2	79	0.00
22 T	Diisopropyl ether	50.000	52.442	-4.9	94	0.00
23 T	Vinyl Acetate	250.000	255.689	-2.3	92	0.00
24 P	1,1-Dichloroethane	50.000	50.279	-0.6	93	0.00
25 T	2-Butanone	250.000	231.375	7.4	87	0.00
26 T	2,2-Dichloropropane	50.000	44.591	10.8	83	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.658	0.7	90	0.00
28 T	Bromochloromethane	50.000	52.321	-4.6	95	0.00
29 T	Tetrahydrofuran	250.000	259.291	-3.7	93	0.00
30 C	Chloroform	50.000	50.951	-1.9#	93	0.00
31 T	Cyclohexane	50.000	48.683	2.6	91	0.00
32 T	1,1,1-Trichloroethane	50.000	51.419	-2.8	94	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.659	-5.3	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35 S	Dibromofluoromethane	50.000	52.159	-4.3	99	0.00
36 T	1,1-Dichloropropene	50.000	50.046	-0.1	94	0.00
37 T	Ethyl Acetate	50.000	50.769	-1.5	93	0.00
38 T	Carbon Tetrachloride	50.000	49.687	0.6	91	0.00
39 T	Methylcyclohexane	50.000	48.855	2.3	89	0.00
40 TM	Benzene	50.000	50.329	-0.7	92	0.00
41 T	Methacrylonitrile	50.000	44.369	11.3	86	0.00
42 TM	1,2-Dichloroethane	50.000	50.668	-1.3	95	0.00
43 T	Isopropyl Acetate	50.000	51.125	-2.3	96	0.00
44 TM	Trichloroethene	50.000	49.055	1.9	91	0.00
45 C	1,2-Dichloropropane	50.000	50.172	-0.3#	92	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.886	-1.8	94	0.00
47 T	Bromodichloromethane	50.000	51.306	-2.6	94	0.00
48 T	Methyl methacrylate	50.000	50.953	-1.9	95	0.00
49 T	1,4-Dioxane	1000.000	988.182	1.2	91	0.00
50 S	Toluene-d8	50.000	51.722	-3.4	98	0.00
51 T	4-Methyl-2-Pentanone	250.000	251.631	-0.7	94	0.00
52 CM	Toluene	50.000	50.131	-0.3#	94	0.00
53 T	t-1,3-Dichloropropene	50.000	49.235	1.5	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.361	1.3	91	0.00
55 T	1,1,2-Trichloroethane	50.000	50.897	-1.8	93	0.00
56 T	Ethyl methacrylate	50.000	51.666	-3.3	94	0.00
57 T	1,3-Dichloropropane	50.000	50.156	-0.3	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	243.920	2.4	95	0.00
59 T	2-Hexanone	250.000	245.426	1.8	91	0.00
60 T	Dibromochloromethane	50.000	50.531	-1.1	93	0.00
61 T	1,2-Dibromoethane	50.000	50.074	-0.1	95	0.00
62 S	4-Bromofluorobenzene	50.000	52.231	-4.5	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	50.214	-0.4	94	0.00
65 PM	Chlorobenzene	50.000	49.262	1.5	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.923	0.2	95	0.00
67 C	Ethyl Benzene	50.000	50.443	-0.9#	93	0.00
68 T	m/p-Xylenes	100.000	101.165	-1.2	92	0.00
69 T	o-Xylene	50.000	50.176	-0.4	92	0.00
70 T	Styrene	50.000	51.134	-2.3	93	0.00
71 P	Bromoform	50.000	49.283	1.4	93	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	49.824	0.4	92	0.00
74 T	N-amyl acetate	50.000	51.519	-3.0	97	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.933	4.1	92	0.00
76 T	1,2,3-Trichloropropane	50.000	50.565	-1.1	93	0.00
77 T	Bromobenzene	50.000	47.939	4.1	92	0.00
78 T	n-propylbenzene	50.000	50.478	-1.0	93	0.00
79 T	2-Chlorotoluene	50.000	49.485	1.0	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.851	-1.7	93	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.764	6.5	88	0.00
82 T	4-Chlorotoluene	50.000	49.321	1.4	92	0.00
83 T	tert-Butylbenzene	50.000	49.556	0.9	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.053	-2.1	93	0.00
85 T	sec-Butylbenzene	50.000	49.832	0.3	92	0.00
86 T	p-Isopropyltoluene	50.000	50.624	-1.2	92	0.00
87 T	1,3-Dichlorobenzene	50.000	49.383	1.2	93	0.00
88 T	1,4-Dichlorobenzene	50.000	49.596	0.8	92	0.00
89 T	n-Butylbenzene	50.000	49.863	0.3	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.374	3.3	93	0.00
91 T	1,2-Dichlorobenzene	50.000	49.248	1.5	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.244	3.5	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.323	9.4	89	0.00
94 T	Hexachlorobutadiene	50.000	47.058	5.9	89	0.00
95 T	Naphthalene	50.000	42.989	14.0	87	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.709	2.6	87	0.00

(#) = Out of Range

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