

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN081718\
 Data File : VN050721.D
 Acq On : 17 Aug 2018 11:20
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 17 23:22:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 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	101	0.00
2 T	Dichlorodifluoromethane	50.000	44.335	11.3	92	0.00
3 P	Chloromethane	50.000	46.557	6.9	96	0.00
4 C	Vinyl Chloride	50.000	43.978	12.0#	94	0.00
5 T	Bromomethane	50.000	41.436	17.1	83	-0.02
6 T	Chloroethane	50.000	47.688	4.6	95	-0.01
7 T	Trichlorofluoromethane	50.000	43.827	12.3	95	0.00
8 T	Diethyl Ether	50.000	47.468	5.1	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.066	7.9	99	0.00
10 T	Methyl Iodide	50.000	39.977	20.0#	89	0.00
11 T	Tert butyl alcohol	250.000	255.608	-2.2	107	0.00
12 CM	1,1-Dichloroethene	50.000	44.897	10.2#	95	0.00
13 T	Acrolein	250.000	153.256	38.7#	66	0.00
14 T	Allyl chloride	50.000	47.264	5.5	99	0.00
15 T	Acrylonitrile	250.000	254.576	-1.8	104	0.00
16 T	Acetone	250.000	280.932	-12.4	115	0.00
17 T	Carbon Disulfide	50.000	43.226	13.5	92	0.00
18 T	Methyl Acetate	50.000	55.311	-10.6	114	0.00
19 T	Methyl tert-butyl Ether	50.000	49.827	0.3	100	0.00
20 T	Methylene Chloride	50.000	48.449	3.1	97	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.242	7.5	97	0.00
22 T	Diisopropyl ether	50.000	49.386	1.2	97	0.00
23 T	Vinyl Acetate	250.000	252.233	-0.9	98	0.00
24 P	1,1-Dichloroethane	50.000	45.036	9.9	97	0.00
25 T	2-Butanone	250.000	263.550	-5.4	109	0.00
26 T	2,2-Dichloropropane	50.000	55.050	-10.1	121	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.219	7.6	97	0.00
28 T	Bromochloromethane	50.000	48.371	3.3	100	0.00
29 T	Tetrahydrofuran	250.000	260.422	-4.2	104	0.00
30 C	Chloroform	50.000	44.470	11.1#	96	0.00
31 T	Cyclohexane	50.000	47.395	5.2	96	0.00
32 T	1,1,1-Trichloroethane	50.000	44.844	10.3	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.241	9.5	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	47.920	4.2	92	0.00
36 T	1,1-Dichloropropene	50.000	51.027	-2.1	98	0.00
37 T	Ethyl Acetate	50.000	53.911	-7.8	102	0.00
38 T	Carbon Tetrachloride	50.000	48.169	3.7	97	0.00
39 T	Methylcyclohexane	50.000	53.799	-7.6	98	0.00
40 TM	Benzene	50.000	49.577	0.8	96	0.00
41 T	Methacrylonitrile	50.000	50.216	-0.4	92	0.00
42 TM	1,2-Dichloroethane	50.000	49.302	1.4	98	0.00
43 T	Isopropyl Acetate	50.000	51.141	-2.3	99	0.00
44 TM	Trichloroethene	50.000	48.538	2.9	96	0.00
45 C	1,2-Dichloropropane	50.000	49.180	1.6#	97	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	49.374	1.3	100	0.00
47 T	Bromodichloromethane	50.000	48.613	2.8	96	0.00
48 T	Methyl methacrylate	50.000	52.179	-4.4	101	0.00
49 T	1,4-Dioxane	1000.000	1114.380	-11.4	107	0.00
50 S	Toluene-d8	50.000	48.416	3.2	93	0.00
51 T	4-Methyl-2-Pentanone	250.000	271.662	-8.7	101	0.00
52 CM	Toluene	50.000	51.563	-3.1#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	53.072	-6.1	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.803	-7.6	100	0.00
55 T	1,1,2-Trichloroethane	50.000	49.828	0.3	98	0.00
56 T	Ethyl methacrylate	50.000	49.124	1.8	99	0.00
57 T	1,3-Dichloropropane	50.000	51.408	-2.8	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	249.176	0.3	100	0.00
59 T	2-Hexanone	250.000	285.066	-14.0	104	0.00
60 T	Dibromochloromethane	50.000	51.343	-2.7	99	0.00
61 T	1,2-Dibromoethane	50.000	51.647	-3.3	99	0.00
62 S	4-Bromofluorobenzene	50.000	49.421	1.2	94	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	48.133	3.7	95	0.00
65 PM	Chlorobenzene	50.000	49.278	1.4	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.334	3.3	97	0.00
67 C	Ethyl Benzene	50.000	52.566	-5.1#	97	0.00
68 T	m/p-Xylenes	100.000	106.408	-6.4	97	0.00
69 T	o-Xylene	50.000	52.999	-6.0	97	0.00
70 T	Styrene	50.000	49.620	0.8	98	0.00
71 P	Bromoform	50.000	50.981	-2.0	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	50.121	-0.2	98	0.00
74 T	N-amyl acetate	50.000	50.627	-1.3	100	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.498	-5.0	101	0.00
76 T	1,2,3-Trichloropropane	50.000	47.059	5.9	98	0.00
77 T	Bromobenzene	50.000	47.454	5.1	98	0.00
78 T	n-propylbenzene	50.000	52.062	-4.1	99	0.00
79 T	2-Chlorotoluene	50.000	49.471	1.1	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.301	-4.6	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.315	-6.6	108	0.00
82 T	4-Chlorotoluene	50.000	50.741	-1.5	98	0.00
83 T	tert-Butylbenzene	50.000	50.653	-1.3	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.972	-5.9	98	0.00
85 T	sec-Butylbenzene	50.000	52.682	-5.4	100	0.00
86 T	p-Isopropyltoluene	50.000	54.836	-9.7	101	0.00
87 T	1,3-Dichlorobenzene	50.000	49.423	1.2	99	0.00
88 T	1,4-Dichlorobenzene	50.000	48.569	2.9	99	0.00
89 T	n-Butylbenzene	50.000	55.149	-10.3	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	46.252	7.5	101	0.00
91 T	1,2-Dichlorobenzene	50.000	48.862	2.3	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.901	0.2	103	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.823	6.4	98	0.00
94 T	Hexachlorobutadiene	50.000	50.994	-2.0	110	0.00
95 T	Naphthalene	50.000	43.088	13.8	91	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.186	5.6	96	0.00

(#) = Out of Range

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