

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN120618\
 Data File : VN052688.D
 Acq On : 6 Dec 2018 9:25
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 07 06:50:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 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	93	0.00
2 T	Dichlorodifluoromethane	50.000	45.572	8.9	88	0.00
3 P	Chloromethane	50.000	43.928	12.1	83	0.00
4 C	Vinyl Chloride	50.000	45.370	9.3#	86	0.00
5 T	Bromomethane	50.000	44.480	11.0	91	0.00
6 T	Chloroethane	50.000	46.091	7.8	88	0.00
7 T	Trichlorofluoromethane	50.000	49.048	1.9	93	0.00
8 T	Diethyl Ether	50.000	49.371	1.3	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.487	-3.0	98	0.00
10 T	Methyl Iodide	50.000	54.236	-8.5	97	0.00
11 T	Tert butyl alcohol	250.000	253.748	-1.5	95	0.00
12 CM	1,1-Dichloroethene	50.000	48.329	3.3#	91	0.00
13 T	Acrolein	250.000	201.578	19.4	77	0.00
14 T	Allyl chloride	50.000	49.225	1.5	88	0.00
15 T	Acrylonitrile	250.000	249.379	0.2	91	0.00
16 T	Acetone	250.000	300.105	-20.0	113	0.00
17 T	Carbon Disulfide	50.000	43.387	13.2	83	0.00
18 T	Methyl Acetate	50.000	53.125	-6.3	100	0.00
19 T	Methyl tert-butyl Ether	50.000	50.642	-1.3	94	0.00
20 T	Methylene Chloride	50.000	47.490	5.0	93	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.346	1.3	91	0.00
22 T	Diisopropyl ether	50.000	50.405	-0.8	93	0.00
23 T	Vinyl Acetate	250.000	249.766	0.1	91	0.00
24 P	1,1-Dichloroethane	50.000	50.382	-0.8	93	0.00
25 T	2-Butanone	250.000	268.427	-7.4	98	0.00
26 T	2,2-Dichloropropane	50.000	53.921	-7.8	100	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.143	-0.3	94	0.00
28 T	Bromochloromethane	50.000	49.687	0.6	92	0.00
29 T	Tetrahydrofuran	250.000	242.413	3.0	90	0.00
30 C	Chloroform	50.000	49.680	0.6#	95	0.00
31 T	Cyclohexane	50.000	46.955	6.1	88	0.00
32 T	1,1,1-Trichloroethane	50.000	51.469	-2.9	96	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.806	-3.6	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	55.819	-11.6	98	0.00
36 T	1,1-Dichloropropene	50.000	51.819	-3.6	92	0.00
37 T	Ethyl Acetate	50.000	50.733	-1.5	91	0.00
38 T	Carbon Tetrachloride	50.000	54.434	-8.9	97	0.00
39 T	Methylcyclohexane	50.000	52.026	-4.1	92	0.00
40 TM	Benzene	50.000	52.407	-4.8	92	0.00
41 T	Methacrylonitrile	50.000	52.731	-5.5	89	0.00
42 TM	1,2-Dichloroethane	50.000	52.941	-5.9	93	0.00
43 T	Isopropyl Acetate	50.000	52.479	-5.0	93	0.00
44 TM	Trichloroethene	50.000	53.151	-6.3	95	0.00
45 C	1,2-Dichloropropane	50.000	52.666	-5.3#	93	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	54.367	-8.7	96	0.00
47 T	Bromodichloromethane	50.000	55.058	-10.1	97	0.00
48 T	Methyl methacrylate	50.000	51.721	-3.4	91	0.00
49 T	1,4-Dioxane	1000.000	1106.691	-10.7	91	0.00
50 S	Toluene-d8	50.000	54.791	-9.6	95	0.00
51 T	4-Methyl-2-Pentanone	250.000	267.483	-7.0	92	0.00
52 CM	Toluene	50.000	54.214	-8.4#	94	0.00
53 T	t-1,3-Dichloropropene	50.000	56.484	-13.0	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.421	-10.8	95	0.00
55 T	1,1,2-Trichloroethane	50.000	55.172	-10.3	97	0.00
56 T	Ethyl methacrylate	50.000	50.019	-0.0	95	0.00
57 T	1,3-Dichloropropane	50.000	53.253	-6.5	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	281.820	-12.7	97	0.00
59 T	2-Hexanone	250.000	291.276	-16.5	98	0.00
60 T	Dibromochloromethane	50.000	57.069	-14.1	99	0.00
61 T	1,2-Dibromoethane	50.000	53.809	-7.6	95	0.00
62 S	4-Bromofluorobenzene	50.000	56.607	-13.2	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64 T	Tetrachloroethene	50.000	56.000	-12.0	102	0.00
65 PM	Chlorobenzene	50.000	54.138	-8.3	96	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.325	-10.7	97	0.00
67 C	Ethyl Benzene	50.000	54.393	-8.8#	95	0.00
68 T	m/p-Xylenes	100.000	110.478	-10.5	95	0.00
69 T	o-Xylene	50.000	54.801	-9.6	95	0.00
70 T	Styrene	50.000	57.197	-14.4	97	0.00
71 P	Bromoform	50.000	57.347	-14.7	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	52.000	-4.0	97	0.00
74 T	N-amyl acetate	50.000	52.077	-4.2	94	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.558	0.9	94	0.00
76 T	1,2,3-Trichloropropane	50.000	49.400	1.2	96	0.00
77 T	Bromobenzene	50.000	51.980	-4.0	97	0.00
78 T	n-propylbenzene	50.000	53.565	-7.1	97	0.00
79 T	2-Chlorotoluene	50.000	51.246	-2.5	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.117	-6.2	97	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.952	-9.9	98	0.00
82 T	4-Chlorotoluene	50.000	52.463	-4.9	96	0.00
83 T	tert-Butylbenzene	50.000	52.789	-5.6	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.765	-7.5	98	0.00
85 T	sec-Butylbenzene	50.000	53.616	-7.2	99	0.00
86 T	p-Isopropyltoluene	50.000	54.331	-8.7	99	0.00
87 T	1,3-Dichlorobenzene	50.000	53.548	-7.1	99	0.00
88 T	1,4-Dichlorobenzene	50.000	53.644	-7.3	99	0.00
89 T	n-Butylbenzene	50.000	56.969	-13.9	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	54.481	-9.0	101	0.00
91 T	1,2-Dichlorobenzene	50.000	53.471	-6.9	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.807	-3.6	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.013	-6.0	103	0.00
94 T	Hexachlorobutadiene	50.000	54.483	-9.0	106	0.00
95 T	Naphthalene	50.000	49.091	1.8	96	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.124	-6.2	104	0.00

(#) = Out of Range

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