

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN120318\
 Data File : VN052619.D
 Acq On : 3 Dec 2018 9:20
 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 04 00:54:17 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	102	0.00
2 T	Dichlorodifluoromethane	50.000	44.828	10.3	94	0.00
3 P	Chloromethane	50.000	43.630	12.7	90	0.00
4 C	Vinyl Chloride	50.000	44.359	11.3#	92	0.00
5 T	Bromomethane	50.000	43.225	13.5	97	0.00
6 T	Chloroethane	50.000	43.981	12.0	92	0.00
7 T	Trichlorofluoromethane	50.000	46.718	6.6	97	0.00
8 T	Diethyl Ether	50.000	46.137	7.7	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.817	2.4	102	0.00
10 T	Methyl Iodide	50.000	51.071	-2.1	100	0.00
11 T	Tert butyl alcohol	250.000	244.645	2.1	100	0.00
12 CM	1,1-Dichloroethene	50.000	46.236	7.5#	95	0.00
13 T	Acrolein	250.000	201.334	19.5	84	0.00
14 T	Allyl chloride	50.000	47.009	6.0	92	0.00
15 T	Acrylonitrile	250.000	234.341	6.3	93	0.00
16 T	Acetone	250.000	259.751	-3.9	106	0.00
17 T	Carbon Disulfide	50.000	43.627	12.7	91	0.00
18 T	Methyl Acetate	50.000	47.315	5.4	98	0.00
19 T	Methyl tert-butyl Ether	50.000	47.550	4.9	97	0.00
20 T	Methylene Chloride	50.000	44.502	11.0	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.177	5.6	95	0.00
22 T	Diisopropyl ether	50.000	47.036	5.9	95	0.00
23 T	Vinyl Acetate	250.000	233.120	6.8	93	0.00
24 P	1,1-Dichloroethane	50.000	46.612	6.8	94	0.00
25 T	2-Butanone	250.000	242.016	3.2	97	0.00
26 T	2,2-Dichloropropane	50.000	50.053	-0.1	102	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.884	6.2	96	0.00
28 T	Bromochloromethane	50.000	48.601	2.8	98	0.00
29 T	Tetrahydrofuran	250.000	227.677	8.9	92	0.00
30 C	Chloroform	50.000	45.975	8.0#	97	0.00
31 T	Cyclohexane	50.000	45.307	9.4	93	0.00
32 T	1,1,1-Trichloroethane	50.000	48.022	4.0	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.981	6.0	94	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	50.140	-0.3	97	0.00
36 T	1,1-Dichloropropene	50.000	49.187	1.6	96	0.00
37 T	Ethyl Acetate	50.000	46.223	7.6	92	0.00
38 T	Carbon Tetrachloride	50.000	49.788	0.4	97	0.00
39 T	Methylcyclohexane	50.000	50.011	-0.0	97	0.00
40 TM	Benzene	50.000	48.783	2.4	95	0.00
41 T	Methacrylonitrile	50.000	54.340	-8.7	101	0.00
42 TM	1,2-Dichloroethane	50.000	48.724	2.6	95	0.00
43 T	Isopropyl Acetate	50.000	48.699	2.6	95	0.00
44 TM	Trichloroethene	50.000	50.114	-0.2	98	0.00
45 C	1,2-Dichloropropane	50.000	48.728	2.5#	95	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	49.982	0.0	97	0.00
47 T	Bromodichloromethane	50.000	50.432	-0.9	98	0.00
48 T	Methyl methacrylate	50.000	47.216	5.6	92	0.00
49 T	1,4-Dioxane	1000.000	1093.119	-9.3	99	0.00
50 S	Toluene-d8	50.000	50.270	-0.5	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	246.522	1.4	94	0.00
52 CM	Toluene	50.000	50.670	-1.3#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	52.477	-5.0	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.100	-4.2	99	0.00
55 T	1,1,2-Trichloroethane	50.000	50.617	-1.2	98	0.00
56 T	Ethyl methacrylate	50.000	46.146	7.7	96	0.00
57 T	1,3-Dichloropropane	50.000	49.316	1.4	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	257.003	-2.8	98	0.00
59 T	2-Hexanone	250.000	262.239	-4.9	98	0.00
60 T	Dibromochloromethane	50.000	52.926	-5.9	101	0.00
61 T	1,2-Dibromoethane	50.000	50.125	-0.3	98	0.00
62 S	4-Bromofluorobenzene	50.000	52.543	-5.1	100	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	50.217	-0.4	101	0.00
65 PM	Chlorobenzene	50.000	50.553	-1.1	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.580	-1.2	99	0.00
67 C	Ethyl Benzene	50.000	50.863	-1.7#	99	0.00
68 T	m/p-Xylenes	100.000	103.198	-3.2	99	0.00
69 T	o-Xylene	50.000	51.457	-2.9	99	0.00
70 T	Styrene	50.000	53.318	-6.6	100	0.00
71 P	Bromoform	50.000	53.789	-7.6	103	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	48.815	2.4	100	0.00
74 T	N-amyl acetate	50.000	48.334	3.3	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.266	7.5	97	0.00
76 T	1,2,3-Trichloropropane	50.000	45.054	9.9	96	0.00
77 T	Bromobenzene	50.000	48.538	2.9	100	0.00
78 T	n-propylbenzene	50.000	50.081	-0.2	101	0.00
79 T	2-Chlorotoluene	50.000	48.438	3.1	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.791	0.4	101	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.147	-4.3	103	0.00
82 T	4-Chlorotoluene	50.000	49.199	1.6	100	0.00
83 T	tert-Butylbenzene	50.000	49.217	1.6	102	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.127	-0.3	100	0.00
85 T	sec-Butylbenzene	50.000	50.058	-0.1	102	0.00
86 T	p-Isopropyltoluene	50.000	51.096	-2.2	103	0.00
87 T	1,3-Dichlorobenzene	50.000	50.432	-0.9	103	0.00
88 T	1,4-Dichlorobenzene	50.000	50.252	-0.5	103	0.00
89 T	n-Butylbenzene	50.000	53.226	-6.5	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.826	-1.7	104	0.00
91 T	1,2-Dichlorobenzene	50.000	49.862	0.3	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.930	2.1	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.589	0.8	106	0.00
94 T	Hexachlorobutadiene	50.000	49.866	0.3	107	0.00
95 T	Naphthalene	50.000	47.053	5.9	102	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.894	2.2	106	0.00

(#) = Out of Range

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