

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN111318\
 Data File : VN052277.D
 Acq On : 13 Nov 2018 10:36
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 14 00:18:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 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	101	0.00
2 T	Dichlorodifluoromethane	50.000	49.384	1.2	101	0.00
3 P	Chloromethane	50.000	46.636	6.7	98	0.00
4 C	Vinyl Chloride	50.000	48.306	3.4#	100	0.00
5 T	Bromomethane	50.000	43.932	12.1	96	0.00
6 T	Chloroethane	50.000	44.273	11.5	98	0.00
7 T	Trichlorofluoromethane	50.000	47.760	4.5	102	0.00
8 T	Diethyl Ether	50.000	46.917	6.2	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.005	4.0	105	0.00
10 T	Methyl Iodide	50.000	47.562	4.9	97	0.00
11 T	Tert butyl alcohol	250.000	279.644	-11.9	103	0.00
12 CM	1,1-Dichloroethene	50.000	46.450	7.1#	99	0.00
13 T	Acrolein	250.000	210.229	15.9	94	0.00
14 T	Allyl chloride	50.000	42.320	15.4	90	0.00
15 T	Acrylonitrile	250.000	244.402	2.2	97	0.00
16 T	Acetone	250.000	304.681	-21.9	117	0.00
17 T	Carbon Disulfide	50.000	47.283	5.4	100	0.00
18 T	Methyl Acetate	50.000	46.916	6.2	99	0.00
19 T	Methyl tert-butyl Ether	50.000	48.476	3.0	101	0.00
20 T	Methylene Chloride	50.000	46.072	7.9	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.828	6.3	100	0.00
22 T	Diisopropyl ether	50.000	47.401	5.2	99	0.00
23 T	Vinyl Acetate	250.000	248.942	0.4	99	0.00
24 P	1,1-Dichloroethane	50.000	46.614	6.8	100	0.00
25 T	2-Butanone	250.000	250.890	-0.4	106	0.00
26 T	2,2-Dichloropropane	50.000	49.708	0.6	107	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.886	4.2	100	0.00
28 T	Bromochloromethane	50.000	47.707	4.6	98	0.00
29 T	Tetrahydrofuran	250.000	238.158	4.7	98	0.00
30 C	Chloroform	50.000	48.192	3.6#	103	0.00
31 T	Cyclohexane	50.000	49.033	1.9	102	0.00
32 T	1,1,1-Trichloroethane	50.000	48.872	2.3	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.455	3.1	101	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	49.141	1.7	98	0.00
36 T	1,1-Dichloropropene	50.000	49.454	1.1	101	0.00
37 T	Ethyl Acetate	50.000	48.494	3.0	99	0.00
38 T	Carbon Tetrachloride	50.000	51.357	-2.7	103	0.00
39 T	Methylcyclohexane	50.000	52.699	-5.4	105	0.00
40 TM	Benzene	50.000	49.252	1.5	100	0.00
41 T	Methacrylonitrile	50.000	42.534	14.9	90	0.00
42 TM	1,2-Dichloroethane	50.000	48.849	2.3	103	0.00
43 T	Isopropyl Acetate	50.000	50.590	-1.2	101	0.00
44 TM	Trichloroethene	50.000	48.814	2.4	100	0.00
45 C	1,2-Dichloropropane	50.000	49.778	0.4#	101	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	50.279	-0.6	102	0.00
47 T	Bromodichloromethane	50.000	50.254	-0.5	103	0.00
48 T	Methyl methacrylate	50.000	49.551	0.9	100	0.00
49 T	1,4-Dioxane	1000.000	1169.885	-17.0	102	0.00
50 S	Toluene-d8	50.000	49.460	1.1	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	253.893	-1.6	100	0.00
52 CM	Toluene	50.000	49.386	1.2#	100	0.00
53 T	t-1,3-Dichloropropene	50.000	52.951	-5.9	102	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.891	-3.8	102	0.00
55 T	1,1,2-Trichloroethane	50.000	49.328	1.3	100	0.00
56 T	Ethyl methacrylate	50.000	50.761	-1.5	100	0.00
57 T	1,3-Dichloropropane	50.000	49.365	1.3	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	260.082	-4.0	98	0.00
59 T	2-Hexanone	250.000	261.858	-4.7	104	0.00
60 T	Dibromochloromethane	50.000	54.153	-8.3	104	0.00
61 T	1,2-Dibromoethane	50.000	50.564	-1.1	102	0.00
62 S	4-Bromofluorobenzene	50.000	51.552	-3.1	103	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	50.653	-1.3	104	0.00
65 PM	Chlorobenzene	50.000	49.370	1.3	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.532	-3.1	103	0.00
67 C	Ethyl Benzene	50.000	50.945	-1.9#	103	0.00
68 T	m/p-Xylenes	100.000	101.497	-1.5	102	0.00
69 T	o-Xylene	50.000	50.591	-1.2	99	0.00
70 T	Styrene	50.000	52.315	-4.6	102	0.00
71 P	Bromoform	50.000	54.133	-8.3	103	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	48.635	2.7	102	0.00
74 T	N-amyl acetate	50.000	50.578	-1.2	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.379	5.2	102	0.00
76 T	1,2,3-Trichloropropane	50.000	47.539	4.9	99	0.00
77 T	Bromobenzene	50.000	47.859	4.3	102	0.00
78 T	n-propylbenzene	50.000	50.006	-0.0	104	0.00
79 T	2-Chlorotoluene	50.000	48.628	2.7	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.713	0.6	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.970	-5.9	101	0.00
82 T	4-Chlorotoluene	50.000	50.105	-0.2	105	0.00
83 T	tert-Butylbenzene	50.000	48.814	2.4	102	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.078	-0.2	103	0.00
85 T	sec-Butylbenzene	50.000	51.122	-2.2	104	0.00
86 T	p-Isopropyltoluene	50.000	52.038	-4.1	106	0.00
87 T	1,3-Dichlorobenzene	50.000	50.067	-0.1	102	0.00
88 T	1,4-Dichlorobenzene	50.000	50.127	-0.3	105	0.00
89 T	n-Butylbenzene	50.000	53.326	-6.7	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.700	-3.4	108	0.00
91 T	1,2-Dichlorobenzene	50.000	49.553	0.9	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.534	-1.1	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	58.571	-17.1	107	0.00
94 T	Hexachlorobutadiene	50.000	53.869	-7.7	112	0.00
95 T	Naphthalene	50.000	54.491	-9.0	98	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.843	-9.7	105	0.00

(#) = Out of Range

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