

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN091118\
 Data File : VN051110.D
 Acq On : 11 Sep 2018 7:56
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 12 01:16:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 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	96	0.00
2 T	Dichlorodifluoromethane	50.000	45.932	8.1	94	0.00
3 P	Chloromethane	50.000	47.132	5.7	91	0.00
4 C	Vinyl Chloride	50.000	45.711	8.6#	92	0.00
5 T	Bromomethane	50.000	49.065	1.9	96	0.00
6 T	Chloroethane	50.000	45.559	8.9	94	0.00
7 T	Trichlorofluoromethane	50.000	46.671	6.7	94	0.00
8 T	Diethyl Ether	50.000	47.989	4.0	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.383	5.2	96	0.00
10 T	Methyl Iodide	50.000	46.369	7.3	96	0.00
11 T	Tert butyl alcohol	250.000	217.863	12.9	94	0.00
12 CM	1,1-Dichloroethene	50.000	46.526	6.9#	93	0.00
13 T	Acrolein	250.000	238.417	4.6	99	0.00
14 T	Allyl chloride	50.000	47.698	4.6	92	0.00
15 T	Acrylonitrile	250.000	234.206	6.3	92	0.00
16 T	Acetone	250.000	275.424	-10.2	108	0.00
17 T	Carbon Disulfide	50.000	46.338	7.3	91	0.00
18 T	Methyl Acetate	50.000	45.219	9.6	96	0.00
19 T	Methyl tert-butyl Ether	50.000	48.721	2.6	93	0.00
20 T	Methylene Chloride	50.000	45.607	8.8	93	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.035	7.9	93	0.00
22 T	Diisopropyl ether	50.000	49.509	1.0	93	0.00
23 T	Vinyl Acetate	250.000	247.628	0.9	92	0.00
24 P	1,1-Dichloroethane	50.000	47.045	5.9	93	0.00
25 T	2-Butanone	250.000	241.827	3.3	98	0.00
26 T	2,2-Dichloropropane	50.000	47.096	5.8	94	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.902	6.2	92	0.00
28 T	Bromochloromethane	50.000	47.327	5.3	91	0.00
29 T	Tetrahydrofuran	250.000	238.348	4.7	93	0.00
30 C	Chloroform	50.000	46.948	6.1#	92	0.00
31 T	Cyclohexane	50.000	48.539	2.9	94	0.00
32 T	1,1,1-Trichloroethane	50.000	47.603	4.8	94	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.905	2.2	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	50.350	-0.7	95	0.00
36 T	1,1-Dichloropropene	50.000	48.967	2.1	94	0.00
37 T	Ethyl Acetate	50.000	48.864	2.3	92	0.00
38 T	Carbon Tetrachloride	50.000	48.048	3.9	93	0.00
39 T	Methylcyclohexane	50.000	51.198	-2.4	95	0.00
40 TM	Benzene	50.000	48.580	2.8	93	0.00
41 T	Methacrylonitrile	50.000	43.757	12.5	87	0.00
42 TM	1,2-Dichloroethane	50.000	48.468	3.1	94	0.00
43 T	Isopropyl Acetate	50.000	50.072	-0.1	95	0.00
44 TM	Trichloroethene	50.000	48.181	3.6	94	0.00
45 C	1,2-Dichloropropane	50.000	48.669	2.7#	93	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	46.812	6.4	92	0.00
47 T	Bromodichloromethane	50.000	49.099	1.8	93	0.00
48 T	Methyl methacrylate	50.000	49.883	0.2	93	0.00
49 T	1,4-Dioxane	1000.000	968.777	3.1	94	0.00
50 S	Toluene-d8	50.000	51.055	-2.1	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	246.026	1.6	93	0.00
52 CM	Toluene	50.000	49.984	0.0#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	50.354	-0.7	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.516	-1.0	94	0.00
55 T	1,1,2-Trichloroethane	50.000	48.756	2.5	93	0.00
56 T	Ethyl methacrylate	50.000	46.674	6.7	93	0.00
57 T	1,3-Dichloropropane	50.000	48.749	2.5	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	230.903	7.6	92	0.00
59 T	2-Hexanone	250.000	251.420	-0.6	96	0.00
60 T	Dibromochloromethane	50.000	48.979	2.0	93	0.00
61 T	1,2-Dibromoethane	50.000	49.497	1.0	94	0.00
62 S	4-Bromofluorobenzene	50.000	51.899	-3.8	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	47.628	4.7	94	0.00
65 PM	Chlorobenzene	50.000	48.652	2.7	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.740	2.5	93	0.00
67 C	Ethyl Benzene	50.000	51.189	-2.4#	94	0.00
68 T	m/p-Xylenes	100.000	103.956	-4.0	93	0.00
69 T	o-Xylene	50.000	52.057	-4.1	94	0.00
70 T	Styrene	50.000	54.091	-8.2	94	0.00
71 P	Bromoform	50.000	49.218	1.6	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	47.761	4.5	94	0.00
74 T	N-amyl acetate	50.000	48.686	2.6	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.484	1.0	94	0.00
76 T	1,2,3-Trichloropropane	50.000	51.360	-2.7	101	0.00
77 T	Bromobenzene	50.000	45.938	8.1	95	0.00
78 T	n-propylbenzene	50.000	49.178	1.6	95	0.00
79 T	2-Chlorotoluene	50.000	46.758	6.5	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.591	2.8	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.231	3.5	94	0.00
82 T	4-Chlorotoluene	50.000	47.268	5.5	94	0.00
83 T	tert-Butylbenzene	50.000	48.733	2.5	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.134	-0.3	94	0.00
85 T	sec-Butylbenzene	50.000	48.999	2.0	95	0.00
86 T	p-Isopropyltoluene	50.000	51.668	-3.3	96	0.00
87 T	1,3-Dichlorobenzene	50.000	46.682	6.6	95	0.00
88 T	1,4-Dichlorobenzene	50.000	49.884	0.2	95	0.00
89 T	n-Butylbenzene	50.000	52.902	-5.8	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.513	3.0	93	0.00
91 T	1,2-Dichlorobenzene	50.000	46.053	7.9	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.646	4.7	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.715	8.6	94	0.00
94 T	Hexachlorobutadiene	50.000	52.158	-4.3	96	0.00
95 T	Naphthalene	50.000	42.573	14.9	92	0.00
96 T	1,2,3-Trichlorobenzene	50.000	45.918	8.2	92	0.00

(#) = Out of Range

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