

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN111218\
 Data File : VN052251.D
 Acq On : 12 Nov 2018 9:37
 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 13 00:29:15 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	118	0.00
2 T	Dichlorodifluoromethane	50.000	50.588	-1.2	121	0.00
3 P	Chloromethane	50.000	46.958	6.1	115	0.00
4 C	Vinyl Chloride	50.000	48.303	3.4#	117	0.00
5 T	Bromomethane	50.000	45.978	8.0	117	0.00
6 T	Chloroethane	50.000	45.067	9.9	116	0.00
7 T	Trichlorofluoromethane	50.000	48.539	2.9	121	0.00
8 T	Diethyl Ether	50.000	44.553	10.9	112	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.913	4.2	122	0.00
10 T	Methyl Iodide	50.000	47.720	4.6	113	0.00
11 T	Tert butyl alcohol	250.000	220.858	11.7	95	-0.01
12 CM	1,1-Dichloroethene	50.000	46.145	7.7#	115	0.00
13 T	Acrolein	250.000	203.856	18.5	106	0.00
14 T	Allyl chloride	50.000	46.511	7.0	115	0.00
15 T	Acrylonitrile	250.000	213.802	14.5	99	0.00
16 T	Acetone	250.000	270.024	-8.0	121	0.00
17 T	Carbon Disulfide	50.000	50.169	-0.3	123	0.00
18 T	Methyl Acetate	50.000	39.798	20.4	98	0.00
19 T	Methyl tert-butyl Ether	50.000	45.502	9.0	110	0.00
20 T	Methylene Chloride	50.000	45.722	8.6	114	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.089	5.8	117	0.00
22 T	Diisopropyl ether	50.000	47.004	6.0	115	0.00
23 T	Vinyl Acetate	250.000	232.000	7.2	108	0.00
24 P	1,1-Dichloroethane	50.000	46.427	7.1	117	0.00
25 T	2-Butanone	250.000	211.279	15.5	104	0.00
26 T	2,2-Dichloropropane	50.000	50.228	-0.5	126	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.249	5.5	115	0.00
28 T	Bromochloromethane	50.000	45.337	9.3	108	0.00
29 T	Tetrahydrofuran	250.000	197.462	21.0	95	0.00
30 C	Chloroform	50.000	47.044	5.9#	117	0.00
31 T	Cyclohexane	50.000	49.297	1.4	119	0.00
32 T	1,1,1-Trichloroethane	50.000	48.656	2.7	119	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.830	8.3	111	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	114	0.00
35 S	Dibromofluoromethane	50.000	49.245	1.5	114	0.00
36 T	1,1-Dichloropropene	50.000	49.429	1.1	116	0.00
37 T	Ethyl Acetate	50.000	42.763	14.5	101	0.00
38 T	Carbon Tetrachloride	50.000	51.804	-3.6	120	0.00
39 T	Methylcyclohexane	50.000	53.243	-6.5	123	0.00
40 TM	Benzene	50.000	49.298	1.4	116	0.00
41 T	Methacrylonitrile	50.000	34.446	31.1#	85	-0.01
42 TM	1,2-Dichloroethane	50.000	46.319	7.4	113	0.00
43 T	Isopropyl Acetate	50.000	44.240	11.5	102	0.00
44 TM	Trichloroethene	50.000	48.918	2.2	116	0.00
45 C	1,2-Dichloropropane	50.000	48.946	2.1#	115	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	47.315	5.4	111	0.00
47 T	Bromodichloromethane	50.000	49.837	0.3	118	0.00
48 T	Methyl methacrylate	50.000	43.353	13.3	101	0.00
49 T	1,4-Dioxane	1000.000	943.446	5.7	95	0.00
50 S	Toluene-d8	50.000	48.809	2.4	113	0.00
51 T	4-Methyl-2-Pentanone	250.000	214.681	14.1	98	0.00
52 CM	Toluene	50.000	49.424	1.2#	115	0.00
53 T	t-1,3-Dichloropropene	50.000	52.066	-4.1	117	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.401	-2.8	117	0.00
55 T	1,1,2-Trichloroethane	50.000	46.413	7.2	109	0.00
56 T	Ethyl methacrylate	50.000	46.109	7.8	105	0.00
57 T	1,3-Dichloropropane	50.000	46.498	7.0	110	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	237.792	4.9	104	0.00
59 T	2-Hexanone	250.000	225.336	9.9	104	0.00
60 T	Dibromochloromethane	50.000	52.407	-4.8	116	0.00
61 T	1,2-Dibromoethane	50.000	46.892	6.2	109	0.00
62 S	4-Bromofluorobenzene	50.000	50.655	-1.3	117	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	116	0.00
64 T	Tetrachloroethene	50.000	50.717	-1.4	121	0.00
65 PM	Chlorobenzene	50.000	48.751	2.5	117	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.220	-2.4	119	0.00
67 C	Ethyl Benzene	50.000	49.970	0.1#	117	0.00
68 T	m/p-Xylenes	100.000	100.773	-0.8	118	0.00
69 T	o-Xylene	50.000	50.588	-1.2	116	0.00
70 T	Styrene	50.000	50.819	-1.6	115	0.00
71 P	Bromoform	50.000	51.820	-3.6	114	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	117	0.00
73 T	Isopropylbenzene	50.000	48.122	3.8	118	0.00
74 T	N-amyl acetate	50.000	44.825	10.3	104	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	41.534	16.9	104	0.00
76 T	1,2,3-Trichloropropane	50.000	40.792	18.4	99	0.00
77 T	Bromobenzene	50.000	46.482	7.0	115	0.00
78 T	n-propylbenzene	50.000	49.621	0.8	120	0.00
79 T	2-Chlorotoluene	50.000	48.240	3.5	119	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.348	1.3	119	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.166	1.7	109	0.00
82 T	4-Chlorotoluene	50.000	48.633	2.7	119	0.00
83 T	tert-Butylbenzene	50.000	49.526	0.9	121	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.618	0.8	119	0.00
85 T	sec-Butylbenzene	50.000	50.420	-0.8	120	0.00
86 T	p-Isopropyltoluene	50.000	51.755	-3.5	122	0.00
87 T	1,3-Dichlorobenzene	50.000	49.150	1.7	117	0.00
88 T	1,4-Dichlorobenzene	50.000	48.405	3.2	118	0.00
89 T	n-Butylbenzene	50.000	53.545	-7.1	124	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.492	-3.0	125	0.00
91 T	1,2-Dichlorobenzene	50.000	47.219	5.6	114	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.520	11.0	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.370	-8.7	115	0.00
94 T	Hexachlorobutadiene	50.000	52.477	-5.0	127	0.00
95 T	Naphthalene	50.000	48.186	3.6	101	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.655	-1.3	113	0.00

(#) = Out of Range

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