

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN080818\
 Data File : VN050451.D
 Acq On : 8 Aug 2018 11:13
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 08 14:47:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 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	118	0.00
2 T	Dichlorodifluoromethane	50.000	44.034	11.9	107	0.00
3 P	Chloromethane	50.000	44.279	11.4	105	0.00
4 C	Vinyl Chloride	50.000	44.298	11.4#	108	0.00
5 T	Bromomethane	50.000	52.336	-4.7	133	0.00
6 T	Chloroethane	50.000	44.451	11.1	109	0.00
7 T	Trichlorofluoromethane	50.000	45.480	9.0	110	0.00
8 T	Diethyl Ether	50.000	46.871	6.3	114	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.531	6.9	114	0.00
10 T	Methyl Iodide	50.000	51.749	-3.5	128	0.00
11 T	Tert butyl alcohol	250.000	186.046	25.6#	90	0.00
12 CM	1,1-Dichloroethene	50.000	45.465	9.1#	112	0.00
13 T	Acrolein	250.000	156.526	37.4#	73	0.00
14 T	Allyl chloride	50.000	45.370	9.3	109	0.00
15 T	Acrylonitrile	250.000	204.425	18.2	98	0.00
16 T	Acetone	250.000	200.405	19.8	98	0.00
17 T	Carbon Disulfide	50.000	40.839	18.3	105	0.00
18 T	Methyl Acetate	50.000	42.066	15.9	103	0.00
19 T	Methyl tert-butyl Ether	50.000	47.879	4.2	112	0.00
20 T	Methylene Chloride	50.000	46.405	7.2	109	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.417	7.2	113	0.00
22 T	Diisopropyl ether	50.000	47.870	4.3	110	0.00
23 T	Vinyl Acetate	250.000	233.311	6.7	105	0.00
24 P	1,1-Dichloroethane	50.000	45.649	8.7	111	0.00
25 T	2-Butanone	250.000	202.474	19.0	96	0.00
26 T	2,2-Dichloropropane	50.000	46.231	7.5	115	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.189	3.6	115	0.00
28 T	Bromochloromethane	50.000	46.373	7.3	111	0.00
29 T	Tetrahydrofuran	250.000	196.425	21.4#	93	0.00
30 C	Chloroform	50.000	46.696	6.6#	113	0.00
31 T	Cyclohexane	50.000	45.354	9.3	109	0.00
32 T	1,1,1-Trichloroethane	50.000	46.408	7.2	112	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.865	8.3	112	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	117	0.00
35 S	Dibromofluoromethane	50.000	48.568	2.9	114	0.00
36 T	1,1-Dichloropropene	50.000	48.875	2.3	111	0.00
37 T	Ethyl Acetate	50.000	42.717	14.6	94	0.00
38 T	Carbon Tetrachloride	50.000	46.192	7.6	111	0.00
39 T	Methylcyclohexane	50.000	48.266	3.5	109	0.00
40 TM	Benzene	50.000	48.011	4.0	112	0.00
41 T	Methacrylonitrile	50.000	42.705	14.6	99	0.00
42 TM	1,2-Dichloroethane	50.000	47.821	4.4	112	0.00
43 T	Isopropyl Acetate	50.000	44.084	11.8	102	0.00
44 TM	Trichloroethene	50.000	48.483	3.0	116	0.00
45 C	1,2-Dichloropropane	50.000	47.786	4.4#	112	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	47.146	5.7	111	0.00
47 T	Bromodichloromethane	50.000	48.415	3.2	115	0.00
48 T	Methyl methacrylate	50.000	45.163	9.7	101	0.00
49 T	1,4-Dioxane	1000.000	792.607	20.7#	92	0.00
50 S	Toluene-d8	50.000	48.325	3.3	113	0.00
51 T	4-Methyl-2-Pentanone	250.000	213.150	14.7	95	0.00
52 CM	Toluene	50.000	50.167	-0.3#	113	0.00
53 T	t-1,3-Dichloropropene	50.000	50.501	-1.0	115	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.520	-3.0	116	0.00
55 T	1,1,2-Trichloroethane	50.000	47.131	5.7	111	0.00
56 T	Ethyl methacrylate	50.000	44.630	10.7	108	0.00
57 T	1,3-Dichloropropane	50.000	47.905	4.2	111	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	220.030	12.0	105	0.00
59 T	2-Hexanone	250.000	215.316	13.9	97	0.00
60 T	Dibromochloromethane	50.000	48.727	2.5	113	0.00
61 T	1,2-Dibromoethane	50.000	47.830	4.3	110	0.00
62 S	4-Bromofluorobenzene	50.000	49.402	1.2	115	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	116	0.00
64 T	Tetrachloroethene	50.000	50.389	-0.8	118	0.00
65 PM	Chlorobenzene	50.000	48.731	2.5	115	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.422	1.2	116	0.00
67 C	Ethyl Benzene	50.000	51.388	-2.8#	114	0.00
68 T	m/p-Xylenes	100.000	103.729	-3.7	113	0.00
69 T	o-Xylene	50.000	52.153	-4.3	114	0.00
70 T	Styrene	50.000	53.152	-6.3	113	0.00
71 P	Bromoform	50.000	47.712	4.6	108	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73 T	Isopropylbenzene	50.000	52.248	-4.5	112	0.00
74 T	N-amyl acetate	50.000	46.648	6.7	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.795	12.4	101	0.00
76 T	1,2,3-Trichloropropane	50.000	44.597	10.8	99	0.00
77 T	Bromobenzene	50.000	51.126	-2.3	114	0.00
78 T	n-propylbenzene	50.000	51.995	-4.0	110	0.00
79 T	2-Chlorotoluene	50.000	50.648	-1.3	111	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.598	-5.2	110	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.969	2.1	103	0.00
82 T	4-Chlorotoluene	50.000	51.897	-3.8	111	0.00
83 T	tert-Butylbenzene	50.000	50.843	-1.7	109	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.027	-6.1	109	0.00
85 T	sec-Butylbenzene	50.000	50.575	-1.2	109	0.00
86 T	p-Isopropyltoluene	50.000	52.346	-4.7	109	0.00
87 T	1,3-Dichlorobenzene	50.000	49.882	0.2	111	0.00
88 T	1,4-Dichlorobenzene	50.000	49.100	1.8	111	0.00
89 T	n-Butylbenzene	50.000	50.642	-1.3	109	0.00

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90 T	Hexachloroethane	50.000	45.374	9.3	105	0.00
91 T	1,2-Dichlorobenzene	50.000	48.504	3.0	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	40.138	19.7	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.246	-6.5	113	0.00
94 T	Hexachlorobutadiene	50.000	52.094	-4.2	114	0.00
95 T	Naphthalene	50.000	46.835	6.3	109	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.903	0.2	111	0.00

(#) = Out of Range

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