

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN071318\
 Data File : VN049788.D
 Acq On : 13 Jul 2018 10:06
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 13 23:58:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 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	104	0.00
2 T	Dichlorodifluoromethane	50.000	48.859	2.3	101	0.00
3 P	Chloromethane	50.000	47.473	5.1	100	0.00
4 C	Vinyl Chloride	50.000	48.697	2.6#	103	0.00
5 T	Bromomethane	50.000	47.358	5.3	102	0.00
6 T	Chloroethane	50.000	44.895	10.2	101	0.00
7 T	Trichlorofluoromethane	50.000	46.198	7.6	103	0.00
8 T	Diethyl Ether	50.000	45.367	9.3	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.872	8.3	104	0.00
10 T	Methyl Iodide	50.000	48.057	3.9	99	0.00
11 T	Tert butyl alcohol	250.000	207.441	17.0	92	0.00
12 CM	1,1-Dichloroethene	50.000	45.042	9.9#	101	0.00
13 T	Acrolein	250.000	199.923	20.0#	85	0.00
14 T	Allyl chloride	50.000	46.164	7.7	103	0.00
15 T	Acrylonitrile	250.000	219.401	12.2	97	0.00
16 T	Acetone	250.000	243.217	2.7	106	0.00
17 T	Carbon Disulfide	50.000	47.150	5.7	100	0.00
18 T	Methyl Acetate	50.000	45.164	9.7	99	0.00
19 T	Methyl tert-butyl Ether	50.000	46.071	7.9	99	0.00
20 T	Methylene Chloride	50.000	47.799	4.4	100	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.925	10.2	102	0.00
22 T	Diisopropyl ether	50.000	48.513	3.0	102	0.00
23 T	Vinyl Acetate	250.000	235.142	5.9	99	0.00
24 P	1,1-Dichloroethane	50.000	45.628	8.7	103	0.00
25 T	2-Butanone	250.000	225.125	10.0	99	0.00
26 T	2,2-Dichloropropane	50.000	47.591	4.8	106	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.631	6.7	104	0.00
28 T	Bromochloromethane	50.000	46.294	7.4	102	0.00
29 T	Tetrahydrofuran	250.000	216.346	13.5	94	0.00
30 C	Chloroform	50.000	45.765	8.5#	103	0.00
31 T	Cyclohexane	50.000	47.376	5.2	100	0.00
32 T	1,1,1-Trichloroethane	50.000	46.005	8.0	103	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.590	12.8	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	46.305	7.4	95	0.00
36 T	1,1-Dichloropropene	50.000	49.246	1.5	103	0.00
37 T	Ethyl Acetate	50.000	45.496	9.0	94	0.00
38 T	Carbon Tetrachloride	50.000	48.270	3.5	103	0.00
39 T	Methylcyclohexane	50.000	50.417	-0.8	102	0.00
40 TM	Benzene	50.000	48.898	2.2	102	0.00
41 T	Methacrylonitrile	50.000	47.331	5.3	99	0.00
42 TM	1,2-Dichloroethane	50.000	47.449	5.1	101	0.00
43 T	Isopropyl Acetate	50.000	46.455	7.1	95	0.00
44 TM	Trichloroethene	50.000	47.874	4.3	102	0.00
45 C	1,2-Dichloropropane	50.000	48.367	3.3#	102	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	47.180	5.6	100	0.00
47 T	Bromodichloromethane	50.000	48.399	3.2	102	0.00
48 T	Methyl methacrylate	50.000	47.974	4.1	99	0.00
49 T	1,4-Dioxane	1000.000	881.447	11.9	90	0.00
50 S	Toluene-d8	50.000	45.699	8.6	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	236.813	5.3	96	0.00
52 CM	Toluene	50.000	50.936	-1.9#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	50.371	-0.7	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.764	-1.5	101	0.00
55 T	1,1,2-Trichloroethane	50.000	48.955	2.1	101	0.00
56 T	Ethyl methacrylate	50.000	50.358	-0.7	98	0.00
57 T	1,3-Dichloropropane	50.000	48.050	3.9	100	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	256.326	-2.5	99	0.00
59 T	2-Hexanone	250.000	249.329	0.3	99	0.00
60 T	Dibromochloromethane	50.000	49.099	1.8	101	0.00
61 T	1,2-Dibromoethane	50.000	48.441	3.1	99	0.00
62 S	4-Bromofluorobenzene	50.000	47.436	5.1	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	47.608	4.8	101	0.00
65 PM	Chlorobenzene	50.000	48.593	2.8	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.592	0.8	104	0.00
67 C	Ethyl Benzene	50.000	51.462	-2.9#	103	0.00
68 T	m/p-Xylenes	100.000	104.942	-4.9	102	0.00
69 T	o-Xylene	50.000	52.456	-4.9	103	0.00
70 T	Styrene	50.000	54.527	-9.1	103	0.00
71 P	Bromoform	50.000	48.765	2.5	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	50.398	-0.8	103	0.00
74 T	N-amyl acetate	50.000	48.206	3.6	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.627	2.7	96	0.00
76 T	1,2,3-Trichloropropane	50.000	43.081	13.8	96	0.00
77 T	Bromobenzene	50.000	47.531	4.9	102	0.00
78 T	n-propylbenzene	50.000	51.337	-2.7	102	0.00
79 T	2-Chlorotoluene	50.000	49.586	0.8	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.541	-3.1	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.370	3.3	98	0.00
82 T	4-Chlorotoluene	50.000	50.731	-1.5	102	0.00
83 T	tert-Butylbenzene	50.000	50.700	-1.4	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.112	-4.2	102	0.00
85 T	sec-Butylbenzene	50.000	51.987	-4.0	102	0.00
86 T	p-Isopropyltoluene	50.000	53.293	-6.6	102	0.00
87 T	1,3-Dichlorobenzene	50.000	48.724	2.6	101	0.00
88 T	1,4-Dichlorobenzene	50.000	48.749	2.5	101	0.00
89 T	n-Butylbenzene	50.000	53.931	-7.9	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.980	-4.0	103	0.00
91 T	1,2-Dichlorobenzene	50.000	47.724	4.6	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.492	11.0	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.157	7.7	97	0.00
94 T	Hexachlorobutadiene	50.000	51.340	-2.7	101	0.00
95 T	Naphthalene	50.000	42.061	15.9	92	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.527	-1.1	96	0.00

(#) = Out of Range

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