

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN081018\
 Data File : VN050507.D
 Acq On : 10 Aug 2018 10:36
 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 10 23:28:45 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	105	0.00
2 T	Dichlorodifluoromethane	50.000	44.465	11.1	96	0.00
3 P	Chloromethane	50.000	44.739	10.5	94	0.00
4 C	Vinyl Chloride	50.000	44.333	11.3#	96	0.00
5 T	Bromomethane	50.000	49.903	0.2	112	0.00
6 T	Chloroethane	50.000	45.163	9.7	98	0.00
7 T	Trichlorofluoromethane	50.000	46.669	6.7	100	0.00
8 T	Diethyl Ether	50.000	47.422	5.2	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.189	3.6	105	0.00
10 T	Methyl Iodide	50.000	58.009	-16.0	127	0.00
11 T	Tert butyl alcohol	250.000	179.467	28.2#	77	0.00
12 CM	1,1-Dichloroethene	50.000	45.334	9.3#	99	0.00
13 T	Acrolein	250.000	118.244	52.7#	47	0.00
14 T	Allyl chloride	50.000	45.923	8.2	98	0.00
15 T	Acrylonitrile	250.000	213.350	14.7	90	0.00
16 T	Acetone	250.000	211.737	15.3	92	0.00
17 T	Carbon Disulfide	50.000	41.000	18.0	94	0.00
18 T	Methyl Acetate	50.000	45.696	8.6	99	0.00
19 T	Methyl tert-butyl Ether	50.000	48.615	2.8	101	0.00
20 T	Methylene Chloride	50.000	48.547	2.9	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.648	6.7	101	0.00
22 T	Diisopropyl ether	50.000	50.292	-0.6	103	0.00
23 T	Vinyl Acetate	250.000	239.724	4.1	96	0.00
24 P	1,1-Dichloroethane	50.000	47.634	4.7	103	0.00
25 T	2-Butanone	250.000	215.693	13.7	90	0.00
26 T	2,2-Dichloropropane	50.000	47.253	5.5	104	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.848	2.3	104	0.00
28 T	Bromochloromethane	50.000	48.636	2.7	104	0.00
29 T	Tetrahydrofuran	250.000	201.715	19.3	85	0.00
30 C	Chloroform	50.000	48.920	2.2#	105	0.00
31 T	Cyclohexane	50.000	45.886	8.2	98	0.00
32 T	1,1,1-Trichloroethane	50.000	47.335	5.3	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.322	5.4	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	50.821	-1.6	104	0.00
36 T	1,1-Dichloropropene	50.000	50.414	-0.8	100	0.00
37 T	Ethyl Acetate	50.000	45.191	9.6	87	0.00
38 T	Carbon Tetrachloride	50.000	48.702	2.6	102	0.00
39 T	Methylcyclohexane	50.000	49.732	0.5	98	0.00
40 TM	Benzene	50.000	50.023	-0.0	102	0.00
41 T	Methacrylonitrile	50.000	42.583	14.8	86	0.00
42 TM	1,2-Dichloroethane	50.000	50.443	-0.9	103	0.00
43 T	Isopropyl Acetate	50.000	45.623	8.8	92	0.00
44 TM	Trichloroethene	50.000	49.128	1.7	103	0.00
45 C	1,2-Dichloropropane	50.000	50.798	-1.6#	104	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	49.989	0.0	103	0.00
47 T	Bromodichloromethane	50.000	51.427	-2.9	106	0.00
48 T	Methyl methacrylate	50.000	45.153	9.7	88	0.00
49 T	1,4-Dioxane	1000.000	792.605	20.7#	80	0.00
50 S	Toluene-d8	50.000	49.391	1.2	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	223.552	10.6	87	0.00
52 CM	Toluene	50.000	51.392	-2.8#	101	0.00
53 T	t-1,3-Dichloropropene	50.000	51.747	-3.5	103	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.067	-6.1	104	0.00
55 T	1,1,2-Trichloroethane	50.000	49.895	0.2	102	0.00
56 T	Ethyl methacrylate	50.000	44.990	10.0	95	0.00
57 T	1,3-Dichloropropane	50.000	50.506	-1.0	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	221.925	11.2	92	0.00
59 T	2-Hexanone	250.000	220.430	11.8	87	0.00
60 T	Dibromochloromethane	50.000	51.314	-2.6	104	0.00
61 T	1,2-Dibromoethane	50.000	49.557	0.9	100	0.00
62 S	4-Bromofluorobenzene	50.000	49.612	0.8	101	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	49.194	1.6	100	0.00
65 PM	Chlorobenzene	50.000	49.292	1.4	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.674	-3.3	106	0.00
67 C	Ethyl Benzene	50.000	51.927	-3.9#	100	0.00
68 T	m/p-Xylenes	100.000	106.067	-6.1	101	0.00
69 T	o-Xylene	50.000	52.687	-5.4	100	0.00
70 T	Styrene	50.000	53.860	-7.7	100	0.00
71 P	Bromoform	50.000	49.705	0.6	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	53.170	-6.3	100	0.00
74 T	N-amyl acetate	50.000	46.153	7.7	87	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.784	6.4	93	0.00
76 T	1,2,3-Trichloropropane	50.000	44.040	11.9	85	0.00
77 T	Bromobenzene	50.000	51.942	-3.9	101	0.00
78 T	n-propylbenzene	50.000	53.721	-7.4	99	0.00
79 T	2-Chlorotoluene	50.000	51.797	-3.6	99	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.163	-8.3	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.206	-0.4	92	0.00
82 T	4-Chlorotoluene	50.000	53.415	-6.8	100	0.00
83 T	tert-Butylbenzene	50.000	52.060	-4.1	98	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.577	-9.2	98	0.00
85 T	sec-Butylbenzene	50.000	52.184	-4.4	98	0.00
86 T	p-Isopropyltoluene	50.000	54.053	-8.1	98	0.00
87 T	1,3-Dichlorobenzene	50.000	51.475	-3.0	100	0.00
88 T	1,4-Dichlorobenzene	50.000	50.096	-0.2	99	0.00
89 T	n-Butylbenzene	50.000	51.733	-3.5	97	0.00

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90 T	Hexachloroethane	50.000	50.499	-1.0	102	0.00
91 T	1,2-Dichlorobenzene	50.000	49.578	0.8	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	39.525	21.0#	82	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.670	-1.3	93	0.00
94 T	Hexachlorobutadiene	50.000	55.573	-11.1	106	0.00
95 T	Naphthalene	50.000	41.549	16.9	83	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.429	3.1	94	0.00

(#) = Out of Range

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