

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN071318\
 Data File : VN049813.D
 Acq On : 13 Jul 2018 22:38
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 14 01:44:29 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	87	0.00
2 T	Dichlorodifluoromethane	50.000	46.685	6.6	81	0.00
3 P	Chloromethane	50.000	47.835	4.3	84	0.00
4 C	Vinyl Chloride	50.000	48.630	2.7#	86	0.00
5 T	Bromomethane	50.000	46.142	7.7	83	0.00
6 T	Chloroethane	50.000	45.459	9.1	86	0.00
7 T	Trichlorofluoromethane	50.000	46.335	7.3	87	0.00
8 T	Diethyl Ether	50.000	45.402	9.2	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.068	9.9	85	0.00
10 T	Methyl Iodide	50.000	50.187	-0.4	86	0.00
11 T	Tert butyl alcohol	250.000	223.685	10.5	83	0.00
12 CM	1,1-Dichloroethene	50.000	45.044	9.9#	84	0.00
13 T	Acrolein	250.000	181.088	27.6#	64	0.00
14 T	Allyl chloride	50.000	44.243	11.5	83	0.00
15 T	Acrylonitrile	250.000	238.638	4.5	88	0.00
16 T	Acetone	250.000	228.985	8.4	84	0.00
17 T	Carbon Disulfide	50.000	45.123	9.8	80	0.00
18 T	Methyl Acetate	50.000	50.119	-0.2	91	0.00
19 T	Methyl tert-butyl Ether	50.000	48.607	2.8	88	0.00
20 T	Methylene Chloride	50.000	49.531	0.9	87	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.521	11.0	84	0.00
22 T	Diisopropyl ether	50.000	50.313	-0.6	88	0.00
23 T	Vinyl Acetate	250.000	246.138	1.5	86	0.00
24 P	1,1-Dichloroethane	50.000	46.403	7.2	87	0.00
25 T	2-Butanone	250.000	229.460	8.2	84	0.00
26 T	2,2-Dichloropropane	50.000	39.540	20.9#	74	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.443	7.1	86	0.00
28 T	Bromochloromethane	50.000	49.037	1.9	90	0.00
29 T	Tetrahydrofuran	250.000	240.752	3.7	87	0.00
30 C	Chloroform	50.000	47.411	5.2#	89	0.00
31 T	Cyclohexane	50.000	46.147	7.7	81	0.00
32 T	1,1,1-Trichloroethane	50.000	47.182	5.6	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.849	-1.7	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35 S	Dibromofluoromethane	50.000	50.787	-1.6	92	0.00
36 T	1,1-Dichloropropene	50.000	46.221	7.6	85	0.00
37 T	Ethyl Acetate	50.000	48.110	3.8	88	0.00
38 T	Carbon Tetrachloride	50.000	46.187	7.6	87	0.00
39 T	Methylcyclohexane	50.000	44.770	10.5	80	0.00
40 TM	Benzene	50.000	47.245	5.5	87	0.00
41 T	Methacrylonitrile	50.000	45.456	9.1	84	0.00
42 TM	1,2-Dichloroethane	50.000	46.836	6.3	88	0.00
43 T	Isopropyl Acetate	50.000	60.692	-21.4#	110	0.00
44 TM	Trichloroethene	50.000	45.506	9.0	86	0.00
45 C	1,2-Dichloropropane	50.000	48.146	3.7#	90	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	47.433	5.1	89	0.00
47 T	Bromodichloromethane	50.000	48.297	3.4	90	0.00
48 T	Methyl methacrylate	50.000	47.616	4.8	87	0.00
49 T	1,4-Dioxane	1000.000	971.108	2.9	87	0.00
50 S	Toluene-d8	50.000	49.551	0.9	90	0.00
51 T	4-Methyl-2-Pentanone	250.000	251.680	-0.7	89	0.00
52 CM	Toluene	50.000	49.253	1.5#	87	0.00
53 T	t-1,3-Dichloropropene	50.000	47.992	4.0	85	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.634	2.7	85	0.00
55 T	1,1,2-Trichloroethane	50.000	49.469	1.1	90	0.00
56 T	Ethyl methacrylate	50.000	50.786	-1.6	87	0.00
57 T	1,3-Dichloropropane	50.000	48.585	2.8	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	257.530	-3.0	88	0.00
59 T	2-Hexanone	250.000	247.539	1.0	86	0.00
60 T	Dibromochloromethane	50.000	49.334	1.3	89	0.00
61 T	1,2-Dibromoethane	50.000	48.550	2.9	88	0.00
62 S	4-Bromofluorobenzene	50.000	52.129	-4.3	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	45.870	8.3	86	0.00
65 PM	Chlorobenzene	50.000	47.145	5.7	87	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.963	2.1	91	0.00
67 C	Ethyl Benzene	50.000	49.350	1.3#	87	0.00
68 T	m/p-Xylenes	100.000	101.622	-1.6	87	0.00
69 T	o-Xylene	50.000	50.114	-0.2	87	0.00
70 T	Styrene	50.000	53.532	-7.1	89	0.00
71 P	Bromoform	50.000	49.987	0.0	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	47.452	5.1	87	0.00
74 T	N-amyl acetate	50.000	49.915	0.2	89	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.176	-2.4	90	0.00
76 T	1,2,3-Trichloropropane	50.000	45.566	8.9	90	0.00
77 T	Bromobenzene	50.000	46.274	7.5	89	0.00
78 T	n-propylbenzene	50.000	48.630	2.7	86	0.00
79 T	2-Chlorotoluene	50.000	47.344	5.3	88	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.157	1.7	87	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.358	7.3	84	0.00
82 T	4-Chlorotoluene	50.000	47.897	4.2	86	0.00
83 T	tert-Butylbenzene	50.000	47.661	4.7	86	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.340	-0.7	88	0.00
85 T	sec-Butylbenzene	50.000	49.125	1.8	87	0.00
86 T	p-Isopropyltoluene	50.000	50.202	-0.4	86	0.00
87 T	1,3-Dichlorobenzene	50.000	47.446	5.1	88	0.00
88 T	1,4-Dichlorobenzene	50.000	47.429	5.1	88	0.00
89 T	n-Butylbenzene	50.000	49.160	1.7	83	0.00

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90 T	Hexachloroethane	50.000	48.918	2.2	87	0.00
91 T	1,2-Dichlorobenzene	50.000	48.192	3.6	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.127	-0.3	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	43.990	12.0	83	0.00
94 T	Hexachlorobutadiene	50.000	47.965	4.1	84	0.00
95 T	Naphthalene	50.000	42.450	15.1	83	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.686	0.6	84	0.00

(#) = Out of Range

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