

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN091318\
 Data File : VN051157.D
 Acq On : 13 Sep 2018 8:27
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 14 01:18:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 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	85	0.00
2 T	Dichlorodifluoromethane	50.000	44.557	10.9	81	0.00
3 P	Chloromethane	50.000	45.235	9.5	78	0.00
4 C	Vinyl Chloride	50.000	43.892	12.2#	79	0.00
5 T	Bromomethane	50.000	45.000	10.0	78	0.00
6 T	Chloroethane	50.000	43.506	13.0	80	0.00
7 T	Trichlorofluoromethane	50.000	46.030	7.9	83	0.00
8 T	Diethyl Ether	50.000	48.380	3.2	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.911	8.2	83	0.00
10 T	Methyl Iodide	50.000	37.734	24.5#	67	0.00
11 T	Tert butyl alcohol	250.000	270.741	-8.3	104	0.00
12 CM	1,1-Dichloroethene	50.000	44.153	11.7#	79	0.00
13 T	Acrolein	250.000	206.736	17.3	75	0.00
14 T	Allyl chloride	50.000	46.199	7.6	79	0.00
15 T	Acrylonitrile	250.000	269.800	-7.9	94	0.00
16 T	Acetone	250.000	295.554	-18.2	103	0.00
17 T	Carbon Disulfide	50.000	43.670	12.7	76	0.00
18 T	Methyl Acetate	50.000	53.828	-7.7	101	0.00
19 T	Methyl tert-butyl Ether	50.000	50.310	-0.6	85	0.00
20 T	Methylene Chloride	50.000	45.389	9.2	83	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.958	10.1	81	0.00
22 T	Diisopropyl ether	50.000	49.928	0.1	83	0.00
23 T	Vinyl Acetate	250.000	260.072	-4.0	86	0.00
24 P	1,1-Dichloroethane	50.000	46.375	7.2	81	0.00
25 T	2-Butanone	250.000	275.274	-10.1	99	0.00
26 T	2,2-Dichloropropane	50.000	45.134	9.7	80	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.084	7.8	81	0.00
28 T	Bromochloromethane	50.000	49.858	0.3	85	0.00
29 T	Tetrahydrofuran	250.000	277.946	-11.2	96	0.00
30 C	Chloroform	50.000	47.459	5.1#	83	0.00
31 T	Cyclohexane	50.000	45.661	8.7	78	0.00
32 T	1,1,1-Trichloroethane	50.000	46.804	6.4	82	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.557	0.9	85	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35 S	Dibromofluoromethane	50.000	50.643	-1.3	85	0.00
36 T	1,1-Dichloropropene	50.000	47.589	4.8	81	0.00
37 T	Ethyl Acetate	50.000	56.734	-13.5	95	0.00
38 T	Carbon Tetrachloride	50.000	47.899	4.2	82	0.00
39 T	Methylcyclohexane	50.000	48.027	3.9	79	0.00
40 TM	Benzene	50.000	47.984	4.0	81	0.00
41 T	Methacrylonitrile	50.000	50.638	-1.3	89	0.00
42 TM	1,2-Dichloroethane	50.000	49.471	1.1	85	0.00
43 T	Isopropyl Acetate	50.000	55.681	-11.4	94	0.00
44 TM	Trichloroethene	50.000	46.739	6.5	81	0.00
45 C	1,2-Dichloropropane	50.000	48.580	2.8#	82	0.00

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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)
46 T	Dibromomethane	50.000	49.357	1.3	87	0.00
47 T	Bromodichloromethane	50.000	49.743	0.5	83	0.00
48 T	Methyl methacrylate	50.000	55.594	-11.2	92	0.00
49 T	1,4-Dioxane	1000.000	1141.818	-14.2	99	0.00
50 S	Toluene-d8	50.000	49.794	0.4	83	0.00
51 T	4-Methyl-2-Pentanone	250.000	288.459	-15.4	97	0.00
52 CM	Toluene	50.000	49.391	1.2#	82	0.00
53 T	t-1,3-Dichloropropene	50.000	50.929	-1.9	83	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.555	0.9	82	0.00
55 T	1,1,2-Trichloroethane	50.000	51.053	-2.1	86	0.00
56 T	Ethyl methacrylate	50.000	50.528	-1.1	90	0.00
57 T	1,3-Dichloropropane	50.000	51.169	-2.3	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	246.052	1.6	87	0.00
59 T	2-Hexanone	250.000	293.419	-17.4	100	0.00
60 T	Dibromochloromethane	50.000	51.369	-2.7	86	0.00
61 T	1,2-Dibromoethane	50.000	52.152	-4.3	88	0.00
62 S	4-Bromofluorobenzene	50.000	51.534	-3.1	86	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64 T	Tetrachloroethene	50.000	47.818	4.4	84	0.00
65 PM	Chlorobenzene	50.000	48.011	4.0	82	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.336	1.3	84	0.00
67 C	Ethyl Benzene	50.000	50.380	-0.8#	82	0.00
68 T	m/p-Xylenes	100.000	102.294	-2.3	82	0.00
69 T	o-Xylene	50.000	50.497	-1.0	81	0.00
70 T	Styrene	50.000	54.054	-8.1	84	0.00
71 P	Bromoform	50.000	54.070	-8.1	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	46.276	7.4	83	0.00
74 T	N-amyl acetate	50.000	51.154	-2.3	92	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.339	-8.7	94	0.00
76 T	1,2,3-Trichloropropane	50.000	53.012	-6.0	96	0.00
77 T	Bromobenzene	50.000	44.909	10.2	85	0.00
78 T	n-propylbenzene	50.000	47.553	4.9	84	0.00
79 T	2-Chlorotoluene	50.000	45.393	9.2	84	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.573	4.9	84	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.656	-1.3	90	0.00
82 T	4-Chlorotoluene	50.000	46.366	7.3	84	0.00
83 T	tert-Butylbenzene	50.000	45.651	8.7	82	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.874	2.3	84	0.00
85 T	sec-Butylbenzene	50.000	47.709	4.6	85	0.00
86 T	p-Isopropyltoluene	50.000	49.582	0.8	84	0.00
87 T	1,3-Dichlorobenzene	50.000	46.031	7.9	85	0.00
88 T	1,4-Dichlorobenzene	50.000	48.763	2.5	85	0.00
89 T	n-Butylbenzene	50.000	49.881	0.2	84	0.00

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90 T	Hexachloroethane	50.000	47.269	5.5	83	0.00
91 T	1,2-Dichlorobenzene	50.000	46.125	7.8	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.308	-6.6	97	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.801	10.4	84	0.00
94 T	Hexachlorobutadiene	50.000	50.662	-1.3	85	0.00
95 T	Naphthalene	50.000	45.202	9.6	90	0.00
96 T	1,2,3-Trichlorobenzene	50.000	46.616	6.8	86	0.00

(#) = Out of Range

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