

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN093019\
 Data File : VN058420.D
 Acq On : 30 Sep 2019 9:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 01 01:49:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	96	0.00
2 T	Dichlorodifluoromethane	50.000	47.230	5.5	90	0.00
3 P	Chloromethane	50.000	47.923	4.2	96	0.00
4 C	Vinyl Chloride	50.000	47.636	4.7#	93	0.00
5 T	Bromomethane	50.000	50.143	-0.3	97	0.02
6 T	Chloroethane	50.000	47.011	6.0	91	0.01
7 T	Trichlorofluoromethane	50.000	48.368	3.3	92	0.00
8 T	Diethyl Ether	50.000	48.154	3.7	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.662	2.7	93	0.00
10 T	Methyl Iodide	50.000	48.896	2.2	89	0.00
11 T	Tert butyl alcohol	250.000	241.615	3.4	94	-0.01
12 CM	1,1-Dichloroethene	50.000	47.888	4.2#	90	0.00
13 T	Acrolein	250.000	225.111	10.0	95	0.00
14 T	Allyl chloride	50.000	49.484	1.0	94	0.00
15 T	Acrylonitrile	250.000	238.963	4.4	91	0.00
16 T	Acetone	250.000	274.295	-9.7	105	0.00
17 T	Carbon Disulfide	50.000	52.246	-4.5	98	0.00
18 T	Methyl Acetate	50.000	43.268	13.5	87	0.00
19 T	Methyl tert-butyl Ether	50.000	47.497	5.0	90	0.00
20 T	Methylene Chloride	50.000	47.037	5.9	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.718	2.6	93	0.00
22 T	Diisopropyl ether	50.000	48.655	2.7	94	0.00
23 T	Vinyl Acetate	250.000	262.414	-5.0	92	0.00
24 P	1,1-Dichloroethane	50.000	49.359	1.3	94	0.00
25 T	2-Butanone	250.000	246.805	1.3	93	0.00
26 T	2,2-Dichloropropane	50.000	50.880	-1.8	96	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.587	2.8	92	0.00
28 T	Bromochloromethane	50.000	49.710	0.6	94	0.00
29 T	Tetrahydrofuran	250.000	229.846	8.1	87	0.00
30 C	Chloroform	50.000	48.924	2.2#	94	0.00
31 T	Cyclohexane	50.000	46.607	6.8	92	0.00
32 T	1,1,1-Trichloroethane	50.000	50.689	-1.4	94	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.484	3.0	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35 S	Dibromofluoromethane	50.000	50.606	-1.2	93	0.00
36 T	1,1-Dichloropropene	50.000	49.999	0.0	94	0.00
37 T	Ethyl Acetate	50.000	49.476	1.0	89	0.00
38 T	Carbon Tetrachloride	50.000	51.519	-3.0	94	0.00
39 T	Methylcyclohexane	50.000	51.525	-3.0	96	0.00
40 TM	Benzene	50.000	50.087	-0.2	94	0.00
41 T	Methacrylonitrile	50.000	52.443	-4.9	98	0.00
42 TM	1,2-Dichloroethane	50.000	49.181	1.6	94	0.00
43 T	Isopropyl Acetate	50.000	46.240	7.5	90	0.00
44 TM	Trichloroethene	50.000	50.220	-0.4	93	0.00
45 C	1,2-Dichloropropane	50.000	50.760	-1.5#	95	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.953	0.1	94	0.00
47 T	Bromodichloromethane	50.000	54.489	-9.0	98	0.00
48 T	Methyl methacrylate	50.000	47.751	4.5	89	0.00
49 T	1,4-Dioxane	1000.000	1161.323	-16.1	104	0.00
50 S	Toluene-d8	50.000	50.825	-1.7	93	0.00
51 T	4-Methyl-2-Pentanone	250.000	255.839	-2.3	91	0.00
52 CM	Toluene	50.000	50.280	-0.6#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	55.527	-11.1	96	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.544	-9.1	95	0.00
55 T	1,1,2-Trichloroethane	50.000	51.207	-2.4	95	0.00
56 T	Ethyl methacrylate	50.000	51.874	-3.7	92	0.00
57 T	1,3-Dichloropropane	50.000	51.297	-2.6	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	253.964	-1.6	89	0.00
59 T	2-Hexanone	250.000	263.190	-5.3	93	0.00
60 T	Dibromochloromethane	50.000	52.042	-4.1	97	0.00
61 T	1,2-Dibromoethane	50.000	50.925	-1.8	93	0.00
62 S	4-Bromofluorobenzene	50.000	52.314	-4.6	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	48.869	2.3	95	0.00
65 PM	Chlorobenzene	50.000	49.786	0.4	96	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.971	-5.9	97	0.00
67 C	Ethyl Benzene	50.000	51.427	-2.9#	96	0.00
68 T	m/p-Xylenes	100.000	101.566	-1.6	96	0.00
69 T	o-Xylene	50.000	49.713	0.6	94	0.00
70 T	Styrene	50.000	53.027	-6.1	96	0.00
71 P	Bromoform	50.000	50.369	-0.7	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	49.893	0.2	97	0.00
74 T	N-amyl acetate	50.000	48.109	3.8	91	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.479	7.0	94	0.00
76 T	1,2,3-Trichloropropane	50.000	48.256	3.5	94	0.00
77 T	Bromobenzene	50.000	47.863	4.3	95	0.00
78 T	n-propylbenzene	50.000	52.708	-5.4	99	0.00
79 T	2-Chlorotoluene	50.000	49.188	1.6	97	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.216	-2.4	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.383	-2.8	96	0.00
82 T	4-Chlorotoluene	50.000	50.791	-1.6	99	0.00
83 T	tert-Butylbenzene	50.000	50.168	-0.3	97	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.251	-2.5	98	0.00
85 T	sec-Butylbenzene	50.000	52.483	-5.0	100	0.00
86 T	p-Isopropyltoluene	50.000	53.860	-7.7	101	0.00
87 T	1,3-Dichlorobenzene	50.000	49.749	0.5	99	0.00
88 T	1,4-Dichlorobenzene	50.000	49.895	0.2	98	0.00
89 T	n-Butylbenzene	50.000	54.056	-8.1	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	57.201	-14.4	105	0.00
91 T	1,2-Dichlorobenzene	50.000	49.655	0.7	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.155	-0.3	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.082	-10.2	101	0.00
94 T	Hexachlorobutadiene	50.000	48.545	2.9	97	0.00
95 T	Naphthalene	50.000	48.327	3.3	95	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.582	-1.2	100	0.00

(#) = Out of Range

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