

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN091919\
 Data File : VN058204.D
 Acq On : 19 Sep 2019 14:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 20 08:03:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 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	75	0.00
2 T	Dichlorodifluoromethane	50.000	46.025	8.0	76	0.00
3 P	Chloromethane	50.000	48.445	3.1	76	0.00
4 C	Vinyl Chloride	50.000	48.990	2.0#	75	0.00
5 T	Bromomethane	50.000	48.807	2.4	77	0.00
6 T	Chloroethane	50.000	50.782	-1.6	76	0.00
7 T	Trichlorofluoromethane	50.000	45.855	8.3	78	0.00
8 T	Diethyl Ether	50.000	46.557	6.9	75	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.077	5.8	79	0.00
10 T	Methyl Iodide	50.000	45.553	8.9	72	0.00
11 T	Tert butyl alcohol	250.000	263.654	-5.5	81	0.00
12 CM	1,1-Dichloroethene	50.000	49.573	0.9#	78	0.00
13 T	Acrolein	250.000	223.511	10.6	67	0.00
14 T	Allyl chloride	50.000	47.287	5.4	77	0.00
15 T	Acrylonitrile	250.000	260.827	-4.3	80	0.00
16 T	Acetone	250.000	236.862	5.3	78	0.00
17 T	Carbon Disulfide	50.000	43.398	13.2	71	0.00
18 T	Methyl Acetate	50.000	48.613	2.8	80	0.00
19 T	Methyl tert-butyl Ether	50.000	49.913	0.2	79	0.00
20 T	Methylene Chloride	50.000	50.601	-1.2	80	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.780	2.4	76	0.00
22 T	Diisopropyl ether	50.000	49.843	0.3	78	0.00
23 T	Vinyl Acetate	250.000	266.609	-6.6	78	0.00
24 P	1,1-Dichloroethane	50.000	48.348	3.3	78	0.00
25 T	2-Butanone	250.000	256.511	-2.6	78	0.00
26 T	2,2-Dichloropropane	50.000	47.289	5.4	77	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.078	3.8	77	0.00
28 T	Bromochloromethane	50.000	50.689	-1.4	75	0.00
29 T	Tetrahydrofuran	250.000	252.802	-1.1	80	0.00
30 C	Chloroform	50.000	48.377	3.2#	79	0.00
31 T	Cyclohexane	50.000	48.476	3.0	75	0.00
32 T	1,1,1-Trichloroethane	50.000	50.650	-1.3	78	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.770	-5.5	79	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35 S	Dibromofluoromethane	50.000	51.267	-2.5	77	0.00
36 T	1,1-Dichloropropene	50.000	44.662	10.7	76	0.00
37 T	Ethyl Acetate	50.000	50.948	-1.9	79	0.00
38 T	Carbon Tetrachloride	50.000	47.582	4.8	77	0.00
39 T	Methylcyclohexane	50.000	47.710	4.6	75	0.00
40 TM	Benzene	50.000	47.712	4.6	77	0.00
41 T	Methacrylonitrile	50.000	51.149	-2.3	79	0.00
42 TM	1,2-Dichloroethane	50.000	48.272	3.5	78	0.00
43 T	Isopropyl Acetate	50.000	49.465	1.1	80	0.00
44 TM	Trichloroethene	50.000	47.669	4.7	76	0.00
45 C	1,2-Dichloropropane	50.000	49.715	0.6#	78	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	49.931	0.1	79	0.00
47 T	Bromodichloromethane	50.000	51.337	-2.7	78	0.00
48 T	Methyl methacrylate	50.000	51.471	-2.9	79	0.00
49 T	1,4-Dioxane	1000.000	1052.116	-5.2	78	0.00
50 S	Toluene-d8	50.000	53.174	-6.3	78	0.00
51 T	4-Methyl-2-Pentanone	250.000	286.466	-14.6	81	0.00
52 CM	Toluene	50.000	48.161	3.7#	77	0.00
53 T	t-1,3-Dichloropropene	50.000	52.832	-5.7	78	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.554	-3.1	78	0.00
55 T	1,1,2-Trichloroethane	50.000	51.242	-2.5	79	0.00
56 T	Ethyl methacrylate	50.000	53.235	-6.5	78	0.00
57 T	1,3-Dichloropropane	50.000	50.212	-0.4	78	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	271.101	-8.4	75	0.00
59 T	2-Hexanone	250.000	280.498	-12.2	80	0.00
60 T	Dibromochloromethane	50.000	53.899	-7.8	78	0.00
61 T	1,2-Dibromoethane	50.000	51.062	-2.1	79	0.00
62 S	4-Bromofluorobenzene	50.000	52.329	-4.7	78	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64 T	Tetrachloroethene	50.000	45.590	8.8	76	0.00
65 PM	Chlorobenzene	50.000	47.927	4.1	78	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.052	-4.1	79	0.00
67 C	Ethyl Benzene	50.000	50.255	-0.5#	78	0.00
68 T	m/p-Xylenes	100.000	97.079	2.9	77	0.00
69 T	o-Xylene	50.000	50.162	-0.3	79	0.00
70 T	Styrene	50.000	51.118	-2.2	77	0.00
71 P	Bromoform	50.000	46.538	6.9	78	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73 T	Isopropylbenzene	50.000	51.102	-2.2	78	0.00
74 T	N-amyl acetate	50.000	53.776	-7.6	79	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.922	-1.8	79	0.00
76 T	1,2,3-Trichloropropane	50.000	57.168	-14.3	91	0.00
77 T	Bromobenzene	50.000	47.819	4.4	77	0.00
78 T	n-propylbenzene	50.000	52.613	-5.2	78	0.00
79 T	2-Chlorotoluene	50.000	50.304	-0.6	78	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.875	-3.8	77	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.743	6.5	77	0.00
82 T	4-Chlorotoluene	50.000	51.084	-2.2	78	0.00
83 T	tert-Butylbenzene	50.000	51.420	-2.8	78	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.857	-5.7	78	0.00
85 T	sec-Butylbenzene	50.000	53.116	-6.2	78	0.00
86 T	p-Isopropyltoluene	50.000	53.876	-7.8	78	0.00
87 T	1,3-Dichlorobenzene	50.000	50.779	-1.6	79	0.00
88 T	1,4-Dichlorobenzene	50.000	49.342	1.3	77	0.00
89 T	n-Butylbenzene	50.000	52.208	-4.4	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	47.693	4.6	77	0.00
91 T	1,2-Dichlorobenzene	50.000	50.708	-1.4	77	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.082	-6.2	79	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.404	-0.8	75	0.00
94 T	Hexachlorobutadiene	50.000	48.284	3.4	75	0.00
95 T	Naphthalene	50.000	53.892	-7.8	76	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.905	-1.8	75	0.00

(#) = Out of Range

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