

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN020620\
 Data File : VN060006.D
 Acq On : 6 Feb 2020 9:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 06 17:05:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 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	101	0.00
2 T	Dichlorodifluoromethane	50.000	39.900	20.2	80	0.00
3 P	Chloromethane	50.000	41.273	17.5	83	0.00
4 C	Vinyl Chloride	50.000	47.571	4.9#	90	0.00
5 T	Bromomethane	50.000	44.318	11.4	88	0.00
6 T	Chloroethane	50.000	46.937	6.1	95	0.00
7 T	Trichlorofluoromethane	50.000	47.514	5.0	94	0.00
8 T	Diethyl Ether	50.000	49.617	0.8	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.603	-1.2	100	0.00
10 T	Methyl Iodide	50.000	40.304	19.4	80	0.00
11 T	Tert butyl alcohol	250.000	231.337	7.5	92	0.00
12 CM	1,1-Dichloroethene	50.000	44.639	10.7#	91	0.00
13 T	Acrolein	250.000	199.145	20.3	84	0.00
14 T	Allyl chloride	50.000	49.265	1.5	98	0.00
15 T	Acrylonitrile	250.000	260.767	-4.3	101	0.00
16 T	Acetone	250.000	353.751	-41.5#	136	0.00
17 T	Carbon Disulfide	50.000	37.456	25.1#	75	0.00
18 T	Methyl Acetate	50.000	52.756	-5.5	106	0.00
19 T	Methyl tert-butyl Ether	50.000	51.761	-3.5	104	0.00
20 T	Methylene Chloride	50.000	48.100	3.8	98	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.698	8.6	92	0.00
22 T	Diisopropyl ether	50.000	52.677	-5.4	106	0.00
23 T	Vinyl Acetate	250.000	260.525	-4.2	110	0.00
24 P	1,1-Dichloroethane	50.000	50.485	-1.0	102	0.00
25 T	2-Butanone	250.000	272.090	-8.8	112	0.00
26 T	2,2-Dichloropropane	50.000	50.834	-1.7	105	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.874	0.3	100	0.00
28 T	Bromochloromethane	50.000	49.762	0.5	102	0.00
29 T	Tetrahydrofuran	250.000	245.797	1.7	99	0.00
30 C	Chloroform	50.000	52.435	-4.9#	105	0.00
31 T	Cyclohexane	50.000	42.759	14.5	90	0.00
32 T	1,1,1-Trichloroethane	50.000	50.684	-1.4	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.683	-1.4	101	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35 S	Dibromofluoromethane	50.000	49.790	0.4	99	0.00
36 T	1,1-Dichloropropene	50.000	47.935	4.1	97	0.00
37 T	Ethyl Acetate	50.000	48.817	2.4	102	0.00
38 T	Carbon Tetrachloride	50.000	49.326	1.3	101	0.00
39 T	Methylcyclohexane	50.000	45.917	8.2	93	0.00
40 TM	Benzene	50.000	47.915	4.2	99	0.00
41 T	Methacrylonitrile	50.000	46.748	6.5	96	0.00
42 TM	1,2-Dichloroethane	50.000	52.931	-5.9	108	0.00
43 T	Isopropyl Acetate	50.000	50.031	-0.1	102	0.00
44 TM	Trichloroethene	50.000	50.408	-0.8	99	0.00
45 C	1,2-Dichloropropane	50.000	50.945	-1.9#	103	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	51.094	-2.2	103	0.00
47 T	Bromodichloromethane	50.000	52.822	-5.6	107	0.00
48 T	Methyl methacrylate	50.000	49.687	0.6	100	0.00
49 T	1,4-Dioxane	1000.000	979.125	2.1	93	0.00
50 S	Toluene-d8	50.000	47.999	4.0	95	0.00
51 T	4-Methyl-2-Pentanone	250.000	256.128	-2.5	104	0.00
52 CM	Toluene	50.000	49.842	0.3#	100	0.00
53 T	t-1,3-Dichloropropene	50.000	54.034	-8.1	107	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.717	-5.4	104	0.00
55 T	1,1,2-Trichloroethane	50.000	51.408	-2.8	106	0.00
56 T	Ethyl methacrylate	50.000	50.438	-0.9	101	0.00
57 T	1,3-Dichloropropane	50.000	53.606	-7.2	107	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	268.449	-7.4	97	0.00
59 T	2-Hexanone	250.000	277.562	-11.0	107	0.00
60 T	Dibromochloromethane	50.000	53.835	-7.7	107	0.00
61 T	1,2-Dibromoethane	50.000	51.526	-3.1	102	0.00
62 S	4-Bromofluorobenzene	50.000	51.881	-3.8	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64 T	Tetrachloroethene	50.000	46.090	7.8	88	0.00
65 PM	Chlorobenzene	50.000	49.835	0.3	103	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.506	-3.0	108	0.00
67 C	Ethyl Benzene	50.000	49.730	0.5#	104	0.00
68 T	m/p-Xylenes	100.000	99.451	0.5	103	0.00
69 T	o-Xylene	50.000	49.342	1.3	103	0.00
70 T	Styrene	50.000	50.201	-0.4	102	0.00
71 P	Bromoform	50.000	53.644	-7.3	108	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.00
73 T	Isopropylbenzene	50.000	47.896	4.2	105	0.00
74 T	N-amyl acetate	50.000	47.593	4.8	102	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.694	2.6	107	0.00
76 T	1,2,3-Trichloropropane	50.000	56.791	-13.6	120	0.00
77 T	Bromobenzene	50.000	48.060	3.9	105	0.00
78 T	n-propylbenzene	50.000	49.027	1.9	107	0.00
79 T	2-Chlorotoluene	50.000	48.635	2.7	108	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.220	3.6	106	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.210	-0.4	107	0.00
82 T	4-Chlorotoluene	50.000	50.092	-0.2	109	0.00
83 T	tert-Butylbenzene	50.000	48.757	2.5	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.662	2.7	106	0.00
85 T	sec-Butylbenzene	50.000	49.114	1.8	106	0.00
86 T	p-Isopropyltoluene	50.000	48.950	2.1	107	0.00
87 T	1,3-Dichlorobenzene	50.000	50.452	-0.9	109	0.00
88 T	1,4-Dichlorobenzene	50.000	50.181	-0.4	109	0.00
89 T	n-Butylbenzene	50.000	51.324	-2.6	110	0.00

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90 T	Hexachloroethane	50.000	48.450	3.1	105	0.00
91 T	1,2-Dichlorobenzene	50.000	49.357	1.3	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.952	2.1	105	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.372	-2.7	104	0.00
94 T	Hexachlorobutadiene	50.000	49.506	1.0	108	0.00
95 T	Naphthalene	50.000	47.486	5.0	96	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.502	1.0	103	0.00

(#) = Out of Range

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