

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN010719\
 Data File : VN053293.D
 Acq On : 7 Jan 2019 9:57
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 08 01:29:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 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	102	0.00
2 T	Dichlorodifluoromethane	50.000	50.551	-1.1	100	0.00
3 P	Chloromethane	50.000	47.120	5.8	98	0.00
4 C	Vinyl Chloride	50.000	48.590	2.8#	99	0.00
5 T	Bromomethane	50.000	49.523	1.0	105	0.00
6 T	Chloroethane	50.000	46.697	6.6	99	0.00
7 T	Trichlorofluoromethane	50.000	48.405	3.2	101	0.00
8 T	Diethyl Ether	50.000	46.879	6.2	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.999	2.0	103	0.00
10 T	Methyl Iodide	50.000	50.571	-1.1	101	0.00
11 T	Tert butyl alcohol	250.000	197.505	21.0	76	0.00
12 CM	1,1-Dichloroethene	50.000	47.941	4.1#	99	0.00
13 T	Acrolein	250.000	204.019	18.4	86	0.00
14 T	Allyl chloride	50.000	50.106	-0.2	106	0.00
15 T	Acrylonitrile	250.000	220.475	11.8	88	0.00
16 T	Acetone	250.000	241.461	3.4	97	0.00
17 T	Carbon Disulfide	50.000	48.677	2.6	101	0.00
18 T	Methyl Acetate	50.000	40.440	19.1	89	0.00
19 T	Methyl tert-butyl Ether	50.000	46.629	6.7	95	0.00
20 T	Methylene Chloride	50.000	45.565	8.9	97	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.518	3.0	100	0.00
22 T	Diisopropyl ether	50.000	47.659	4.7	97	0.00
23 T	Vinyl Acetate	250.000	244.478	2.2	97	0.00
24 P	1,1-Dichloroethane	50.000	47.443	5.1	97	0.00
25 T	2-Butanone	250.000	221.121	11.6	90	0.00
26 T	2,2-Dichloropropane	50.000	50.993	-2.0	106	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.202	3.6	98	0.00
28 T	Bromochloromethane	50.000	48.953	2.1	96	0.00
29 T	Tetrahydrofuran	250.000	215.051	14.0	87	0.00
30 C	Chloroform	50.000	47.286	5.4#	97	0.00
31 T	Cyclohexane	50.000	48.606	2.8	101	0.00
32 T	1,1,1-Trichloroethane	50.000	47.664	4.7	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.054	7.9	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	50.112	-0.2	99	0.00
36 T	1,1-Dichloropropene	50.000	50.670	-1.3	101	0.00
37 T	Ethyl Acetate	50.000	45.400	9.2	88	0.00
38 T	Carbon Tetrachloride	50.000	51.287	-2.6	100	0.00
39 T	Methylcyclohexane	50.000	53.587	-7.2	105	0.00
40 TM	Benzene	50.000	49.706	0.6	98	0.00
41 T	Methacrylonitrile	50.000	43.460	13.1	92	0.00
42 TM	1,2-Dichloroethane	50.000	48.733	2.5	97	0.00
43 T	Isopropyl Acetate	50.000	42.081	15.8	89	0.00
44 TM	Trichloroethene	50.000	49.767	0.5	99	0.00
45 C	1,2-Dichloropropane	50.000	49.716	0.6#	98	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	48.906	2.2	95	0.00
47 T	Bromodichloromethane	50.000	49.988	0.0	99	0.00
48 T	Methyl methacrylate	50.000	46.554	6.9	89	0.00
49 T	1,4-Dioxane	1000.000	807.264	19.3	71	0.00
50 S	Toluene-d8	50.000	49.030	1.9	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	228.151	8.7	87	0.00
52 CM	Toluene	50.000	49.984	0.0#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	51.305	-2.6	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.861	-3.7	100	0.00
55 T	1,1,2-Trichloroethane	50.000	47.339	5.3	94	0.00
56 T	Ethyl methacrylate	50.000	48.586	2.8	91	0.00
57 T	1,3-Dichloropropane	50.000	48.898	2.2	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	241.033	3.6	92	0.00
59 T	2-Hexanone	250.000	236.326	5.5	89	0.00
60 T	Dibromochloromethane	50.000	50.544	-1.1	97	0.00
61 T	1,2-Dibromoethane	50.000	48.968	2.1	95	0.00
62 S	4-Bromofluorobenzene	50.000	49.963	0.1	100	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	48.707	2.6	96	0.00
65 PM	Chlorobenzene	50.000	49.341	1.3	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.584	0.8	98	0.00
67 C	Ethyl Benzene	50.000	50.702	-1.4#	100	0.00
68 T	m/p-Xylenes	100.000	103.510	-3.5	100	0.00
69 T	o-Xylene	50.000	51.337	-2.7	100	0.00
70 T	Styrene	50.000	52.004	-4.0	100	0.00
71 P	Bromoform	50.000	50.111	-0.2	97	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	49.936	0.1	101	0.00
74 T	N-amyl acetate	50.000	45.763	8.5	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.181	11.6	93	0.00
76 T	1,2,3-Trichloropropane	50.000	45.094	9.8	95	0.00
77 T	Bromobenzene	50.000	48.387	3.2	100	0.00
78 T	n-propylbenzene	50.000	51.507	-3.0	103	0.00
79 T	2-Chlorotoluene	50.000	49.443	1.1	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.053	-2.1	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.480	-3.0	99	0.00
82 T	4-Chlorotoluene	50.000	49.914	0.2	102	0.00
83 T	tert-Butylbenzene	50.000	50.418	-0.8	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.352	-2.7	104	0.00
85 T	sec-Butylbenzene	50.000	51.862	-3.7	105	0.00
86 T	p-Isopropyltoluene	50.000	53.236	-6.5	106	0.00
87 T	1,3-Dichlorobenzene	50.000	49.570	0.9	103	0.00
88 T	1,4-Dichlorobenzene	50.000	49.501	1.0	103	0.00
89 T	n-Butylbenzene	50.000	53.697	-7.4	109	0.00

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90 T	Hexachloroethane	50.000	53.039	-6.1	107	0.00
91 T	1,2-Dichlorobenzene	50.000	49.297	1.4	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.816	6.4	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.436	-4.9	102	0.00
94 T	Hexachlorobutadiene	50.000	54.038	-8.1	108	0.00
95 T	Naphthalene	50.000	48.547	2.9	93	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.372	3.3	96	0.00

(#) = Out of Range

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