

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN032019\
 Data File : VN054503.D
 Acq On : 21 Mar 2019 10:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 22 07:28:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 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	97	0.00
2 T	Dichlorodifluoromethane	50.000	51.402	-2.8	97	0.00
3 P	Chloromethane	50.000	52.477	-5.0	100	0.00
4 C	Vinyl Chloride	50.000	52.749	-5.5#	99	0.00
5 T	Bromomethane	50.000	45.169	9.7	92	0.00
6 T	Chloroethane	50.000	49.914	0.2	97	0.00
7 T	Trichlorofluoromethane	50.000	50.591	-1.2	96	0.00
8 T	Diethyl Ether	50.000	50.912	-1.8	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.024	8.0	91	0.00
10 T	Methyl Iodide	50.000	50.447	-0.9	93	0.00
11 T	Tert butyl alcohol	250.000	273.162	-9.3	98	0.00
12 CM	1,1-Dichloroethene	50.000	48.127	3.7#	93	0.00
13 T	Acrolein	250.000	252.947	-1.2	95	0.00
14 T	Allyl chloride	50.000	51.513	-3.0	98	0.00
15 T	Acrylonitrile	250.000	286.589	-14.6	105	0.00
16 T	Acetone	250.000	209.151	16.3	76	0.00
17 T	Carbon Disulfide	50.000	48.960	2.1	97	0.00
18 T	Methyl Acetate	50.000	56.419	-12.8	106	0.00
19 T	Methyl tert-butyl Ether	50.000	55.344	-10.7	104	0.00
20 T	Methylene Chloride	50.000	52.205	-4.4	103	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.513	-9.0	102	0.00
22 T	Diisopropyl ether	50.000	56.554	-13.1	106	0.00
23 T	Vinyl Acetate	250.000	290.724	-16.3	103	0.00
24 P	1,1-Dichloroethane	50.000	54.784	-9.6	103	0.00
25 T	2-Butanone	250.000	277.013	-10.8	97	0.00
26 T	2,2-Dichloropropane	50.000	33.130	33.7#	61	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.681	-5.4	101	0.00
28 T	Bromochloromethane	50.000	56.422	-12.8	105	0.00
29 T	Tetrahydrofuran	250.000	296.290	-18.5	104	0.00
30 C	Chloroform	50.000	54.390	-8.8#	103	0.00
31 T	Cyclohexane	50.000	53.284	-6.6	101	0.00
32 T	1,1,1-Trichloroethane	50.000	54.943	-9.9	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	56.597	-13.2	104	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35 S	Dibromofluoromethane	50.000	51.290	-2.6	102	0.00
36 T	1,1-Dichloropropene	50.000	48.061	3.9	101	0.00
37 T	Ethyl Acetate	50.000	53.140	-6.3	104	0.00
38 T	Carbon Tetrachloride	50.000	48.163	3.7	101	0.00
39 T	Methylcyclohexane	50.000	45.426	9.1	95	0.00
40 TM	Benzene	50.000	49.885	0.2	102	0.00
41 T	Methacrylonitrile	50.000	49.278	1.4	103	0.00
42 TM	1,2-Dichloroethane	50.000	50.348	-0.7	105	0.00
43 T	Isopropyl Acetate	50.000	55.176	-10.4	107	0.00
44 TM	Trichloroethene	50.000	48.217	3.6	100	0.00
45 C	1,2-Dichloropropane	50.000	52.372	-4.7#	104	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	51.397	-2.8	104	0.00
47 T	Bromodichloromethane	50.000	51.550	-3.1	104	0.00
48 T	Methyl methacrylate	50.000	52.410	-4.8	105	0.00
49 T	1,4-Dioxane	1000.000	965.205	3.5	95	0.00
50 S	Toluene-d8	50.000	49.764	0.5	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	274.242	-9.7	105	0.00
52 CM	Toluene	50.000	49.573	0.9#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	44.590	10.8	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.216	1.6	96	0.00
55 T	1,1,2-Trichloroethane	50.000	51.354	-2.7	103	0.00
56 T	Ethyl methacrylate	50.000	53.673	-7.3	104	0.00
57 T	1,3-Dichloropropane	50.000	51.334	-2.7	104	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	262.974	-5.2	101	0.00
59 T	2-Hexanone	250.000	261.535	-4.6	101	0.00
60 T	Dibromochloromethane	50.000	52.142	-4.3	101	0.00
61 T	1,2-Dibromoethane	50.000	51.985	-4.0	103	0.00
62 S	4-Bromofluorobenzene	50.000	49.312	1.4	100	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	49.267	1.5	102	0.00
65 PM	Chlorobenzene	50.000	49.144	1.7	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.363	-4.7	103	0.00
67 C	Ethyl Benzene	50.000	49.073	1.9#	100	0.00
68 T	m/p-Xylenes	100.000	96.851	3.1	98	0.00
69 T	o-Xylene	50.000	48.566	2.9	99	0.00
70 T	Styrene	50.000	49.820	0.4	98	0.00
71 P	Bromoform	50.000	47.281	5.4	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	47.412	5.2	99	0.00
74 T	N-amyl acetate	50.000	55.993	-12.0	103	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.632	-5.3	103	0.00
76 T	1,2,3-Trichloropropane	50.000	51.170	-2.3	101	0.00
77 T	Bromobenzene	50.000	47.991	4.0	98	0.00
78 T	n-propylbenzene	50.000	47.554	4.9	97	0.00
79 T	2-Chlorotoluene	50.000	46.782	6.4	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.797	4.4	97	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	41.097	17.8	85	0.00
82 T	4-Chlorotoluene	50.000	47.726	4.5	96	0.00
83 T	tert-Butylbenzene	50.000	48.152	3.7	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.829	4.3	96	0.00
85 T	sec-Butylbenzene	50.000	47.901	4.2	98	0.00
86 T	p-Isopropyltoluene	50.000	47.989	4.0	96	0.00
87 T	1,3-Dichlorobenzene	50.000	47.420	5.2	93	0.00
88 T	1,4-Dichlorobenzene	50.000	47.188	5.6	93	0.00
89 T	n-Butylbenzene	50.000	48.782	2.4	93	0.00

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90 T	Hexachloroethane	50.000	52.681	-5.4	103	0.00
91 T	1,2-Dichlorobenzene	50.000	48.613	2.8	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.629	-11.3	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.249	-0.5	92	0.00
94 T	Hexachlorobutadiene	50.000	52.704	-5.4	96	0.00
95 T	Naphthalene	50.000	52.983	-6.0	96	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.012	-4.0	95	0.00

(#) = Out of Range

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