

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN022219\
 Data File : VN053904.D
 Acq On : 22 Feb 2019 9:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 22 22:22:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 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	125	0.00
2 T	Dichlorodifluoromethane	50.000	41.265	17.5	103	0.00
3 P	Chloromethane	50.000	42.085	15.8	102	0.00
4 C	Vinyl Chloride	50.000	42.353	15.3#	106	0.00
5 T	Bromomethane	50.000	42.825	14.3	111	-0.01
6 T	Chloroethane	50.000	43.521	13.0	112	0.00
7 T	Trichlorofluoromethane	50.000	42.617	14.8	111	0.00
8 T	Diethyl Ether	50.000	44.460	11.1	118	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.334	9.3	122	0.00
10 T	Methyl Iodide	50.000	45.420	9.2	112	0.00
11 T	Tert butyl alcohol	250.000	224.846	10.1	121	0.00
12 CM	1,1-Dichloroethene	50.000	45.377	9.2#	117	0.00
13 T	Acrolein	250.000	332.039	-32.8#	114	0.00
14 T	Allyl chloride	50.000	46.731	6.5	116	0.00
15 T	Acrylonitrile	250.000	237.362	5.1	116	0.00
16 T	Acetone	250.000	244.635	2.1	129	0.00
17 T	Carbon Disulfide	50.000	44.090	11.8	113	0.00
18 T	Methyl Acetate	50.000	46.245	7.5	126	0.00
19 T	Methyl tert-butyl Ether	50.000	47.755	4.5	115	0.00
20 T	Methylene Chloride	50.000	44.826	10.3	116	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.780	6.4	117	0.00
22 T	Diisopropyl ether	50.000	49.558	0.9	118	0.00
23 T	Vinyl Acetate	250.000	244.636	2.1	116	0.00
24 P	1,1-Dichloroethane	50.000	45.627	8.7	115	0.00
25 T	2-Butanone	250.000	244.805	2.1	121	0.00
26 T	2,2-Dichloropropane	50.000	47.404	5.2	119	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.048	5.9	116	0.00
28 T	Bromochloromethane	50.000	49.001	2.0	120	0.00
29 T	Tetrahydrofuran	250.000	233.220	6.7	114	0.00
30 C	Chloroform	50.000	45.483	9.0#	116	0.00
31 T	Cyclohexane	50.000	46.685	6.6	117	0.00
32 T	1,1,1-Trichloroethane	50.000	44.959	10.1	114	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.794	6.4	117	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	118	0.00
35 S	Dibromofluoromethane	50.000	49.954	0.1	120	0.00
36 T	1,1-Dichloropropene	50.000	47.605	4.8	117	0.00
37 T	Ethyl Acetate	50.000	46.164	7.7	114	0.00
38 T	Carbon Tetrachloride	50.000	46.948	6.1	114	0.00
39 T	Methylcyclohexane	50.000	51.775	-3.5	119	0.00
40 TM	Benzene	50.000	48.434	3.1	114	0.00
41 T	Methacrylonitrile	50.000	42.624	14.8	94	-0.02
42 TM	1,2-Dichloroethane	50.000	46.738	6.5	114	0.00
43 T	Isopropyl Acetate	50.000	44.309	11.4	114	0.00
44 TM	Trichloroethene	50.000	49.235	1.5	116	0.00
45 C	1,2-Dichloropropane	50.000	49.103	1.8#	116	0.00

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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)
46 T	Dibromomethane	50.000	48.282	3.4	113	0.00
47 T	Bromodichloromethane	50.000	48.607	2.8	113	0.00
48 T	Methyl methacrylate	50.000	50.429	-0.9	115	0.00
49 T	1,4-Dioxane	1000.000	948.167	5.2	119	0.00
50 S	Toluene-d8	50.000	51.408	-2.8	115	0.00
51 T	4-Methyl-2-Pentanone	250.000	235.489	5.8	110	0.00
52 CM	Toluene	50.000	49.756	0.5#	110	0.00
53 T	t-1,3-Dichloropropene	50.000	50.805	-1.6	111	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.893	-1.8	107	0.00
55 T	1,1,2-Trichloroethane	50.000	48.691	2.6	109	0.00
56 T	Ethyl methacrylate	50.000	45.852	8.3	110	0.00
57 T	1,3-Dichloropropane	50.000	48.418	3.2	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	186.241	25.5#	91	0.00
59 T	2-Hexanone	250.000	256.264	-2.5	106	0.00
60 T	Dibromochloromethane	50.000	48.486	3.0	104	0.00
61 T	1,2-Dibromoethane	50.000	47.654	4.7	103	0.00
62 S	4-Bromofluorobenzene	50.000	50.165	-0.3	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64 T	Tetrachloroethene	50.000	47.415	5.2	103	0.00
65 PM	Chlorobenzene	50.000	48.326	3.3	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.035	1.9	103	0.00
67 C	Ethyl Benzene	50.000	50.294	-0.6#	104	0.00
68 T	m/p-Xylenes	100.000	101.593	-1.6	103	0.00
69 T	o-Xylene	50.000	50.291	-0.6	103	0.00
70 T	Styrene	50.000	51.898	-3.8	102	0.00
71 P	Bromoform	50.000	48.785	2.4	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	52.040	-4.1	103	0.00
74 T	N-amyl acetate	50.000	52.710	-5.4	100	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.293	-0.6	101	0.00
76 T	1,2,3-Trichloropropane	50.000	45.691	8.6	92	0.00
77 T	Bromobenzene	50.000	51.064	-2.1	101	0.00
78 T	n-propylbenzene	50.000	54.280	-8.6	103	0.00
79 T	2-Chlorotoluene	50.000	52.511	-5.0	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.013	-8.0	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.133	-6.3	102	0.00
82 T	4-Chlorotoluene	50.000	53.239	-6.5	102	0.00
83 T	tert-Butylbenzene	50.000	53.743	-7.5	105	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.645	-9.3	103	0.00
85 T	sec-Butylbenzene	50.000	52.749	-5.5	102	0.00
86 T	p-Isopropyltoluene	50.000	52.738	-5.5	100	0.00
87 T	1,3-Dichlorobenzene	50.000	50.255	-0.5	98	0.00
88 T	1,4-Dichlorobenzene	50.000	47.741	4.5	96	0.00
89 T	n-Butylbenzene	50.000	52.046	-4.1	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	46.317	7.4	98	0.00
91 T	1,2-Dichlorobenzene	50.000	47.830	4.3	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.779	8.4	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.454	11.1	100	0.00
94 T	Hexachlorobutadiene	50.000	46.241	7.5	107	0.00
95 T	Naphthalene	50.000	41.017	18.0	94	0.00
96 T	1,2,3-Trichlorobenzene	50.000	43.737	12.5	97	0.00

(#) = Out of Range

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