Attachment IL

Calculations of Interim Limits

9/21/2006 9:35:14 AM

Welcome to Minitab, press F1 for help.

Distribution Function Analysis

Normal Dist. Parameter Estimates (ML)

Variable: Cu

Mean 22.7309
StDev 6.67840

Goodness of Fit

Anderson-Darling (adjusted) = 0.555

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
0.1	2.0931	-0.8791	5.0653
1.0	7.1946	4.8136	9.5756
2.0	9.0151	6.8343	11.1959
3.0	10.1702	8.1122	12.2282
4.0	11.0391	9.0708	13.0074
5.0	11.7459	9.8487	13.6430
6.0	12.3475	10.5094	14.1856
7.0	12.8750	11.0873	14.6626
8.0	13.3473	11.6038	15.0908
9.0	13.7768	12.0725	15.4811
10.0	14.1722	12.5030	15.8413
20.0	17.1102	15.6709	18.5495
30.0	19.2287	17.9096	20.5479
40.0	21.0389	19.7824	22.2955
50.0	22.7309	21.4940	23.9677
60.0	24.4228	23.1663	25.6794
70.0	26.2330	24.9139	27.5522
80.0	28.3516	26.9123	29.7909
90.0	31.2896	29.6205	32.9587
91.0	31.6850	29.9807	33.3893
92.0	32.1145	30.3710	33.8580
93.0	32.5868	30.7992	34.3744
94.0	33.1143	31.2762	34.9524
95.0	33.7159	31.8187	35.6130
96.0	34.4227	32.4544	36.3909
97.0	35.2916	33.2336	37.3496
98.0	36.4466	34.2658	38.6275
99.0	38.2672	35.8862	40.6482
99.9	43.3687	40.3965	46.3409

Prob Plot for Cu

Distribution Function Analysis

Lognormal base e Dist. Parameter Estimates (ML)

Variable: Cu

Location 3.07303
Scale 0.341548

Goodness of Fit

Anderson-Darling (adjusted) = 1.941

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
0.1	7.5200	6.4596	8.7545
1.0	9.7617	8.6426	11.0258
2.0	10.7142	9.5835	11.9784
3.0	11.3662	10.2307	12.6278
4.0	11.8827	10.7448	13.1411
5.0	12.3201	11.1809	13.5753
6.0	12.7050	11.5651	13.9573
7.0	13.0524	11.9120	14.3020
8.0	13.3715	12.2308	14.6186
9.0	13.6685	12.5276	14.9134
10.0	13.9477	12.8065	15.1906
20.0	16.2091	15.0588	17.4472
30.0	18.0640	16.8855	19.3247
40.0	19.8161	18.5828	21.1314
50.0	21.6072	20.2828	23.0181
60.0	23.5602	22.0938	25.1239
70.0	25.8455	24.1594	27.6492
80.0	28.8030	26.7591	31.0032
90.0	33.4730	30.7342	36.4558
91.0	34.1567	31.3056	37.2675
92.0	34.9153	31.9368	38.1716
93.0	35.7690	32.6439	39.1932
94.0	36.7470	33.4500	40.3690
95.0	37.8952	34.3911	41.7562
96.0	39.2900	35.5276	43.4509
97.0	41.0753	36.9718	45.6343
98.0	43.5749	38.9761	48.7162
99.0	47.8268	42.3436	54.0201
99.9	62.0841	53.3292	72.2761

Prob Plot for Cu

Distribution Function Analysis

Lognormal base 10 Dist. Parameter Estimates (ML)

Variable: Cu

Location 1.33460
Scale 0.148332

Goodness of Fit

Anderson-Darling (adjusted) = 1.941

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
0.1	7.5200	6.4596	8.7545
1.0	9.7617	8.6426	11.0258
2.0	10.7142	9.5835	11.9784
3.0	11.3662	10.2307	12.6278
4.0	11.8827	10.7448	13.1411
5.0	12.3201	11.1809	13.5753
6.0	12.7050	11.5651	13.9573
7.0	13.0524	11.9120	14.3020
8.0	13.3715	12.2308	14.6186
9.0	13.6685	12.5276	14.9134
10.0	13.9477	12.8065	15.1906
20.0	16.2091	15.0588	17.4472
30.0	18.0640	16.8855	19.3247
40.0	19.8161	18.5828	21.1314
50.0	21.6072	20.2828	23.0181
60.0	23.5602	22.0938	25.1239
70.0	25.8455	24.1594	27.6492
80.0	28.8030	26.7591	31.0032
90.0	33.4730	30.7342	36.4558
91.0	34.1567	31.3056	37.2675
92.0	34.9153	31.9368	38.1716
93.0	35.7690	32.6439	39.1932
94.0	36.7470	33.4500	40.3690
95.0	37.8952	34.3911	41.7562
96.0	39.2900	35.5276	43.4509
97.0	41.0753	36.9718	45.6343
98.0	43.5749	38.9761	48.7162
99.0	47.8268	42.3436	54.0201
99.9	62.0841	53.3292	72.2761

Prob Plot for Cu

Distribution Function Analysis

Normal Dist. Parameter Estimates (ML)

Variable: Pb

Mean 2.38443
StDev 2.35900

Goodness of Fit

Anderson-Darling (adjusted) = 13.39

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
0.1	-4.90543	-5.98460	-3.8263
1.0	-3.10343	-3.96794	-2.2389
2.0	-2.46036	-3.25219	-1.6685
3.0	-2.05236	-2.79960	-1.3051
4.0	-1.74544	-2.46009	-1.0308
5.0	-1.49578	-2.18461	-0.8069
6.0	-1.28328	-1.95068	-0.6159
7.0	-1.09696	-1.74603	-0.4479
8.0	-0.93013	-1.56318	-0.2971
9.0	-0.77841	-1.39723	-0.1596
10.0	-0.63875	-1.24479	-0.0327
20.0	0.39905	-0.12354	0.9216
30.0	1.14737	0.66841	1.6263
40.0	1.78679	1.33056	2.2430
50.0	2.38443	1.93535	2.8335
60.0	2.98208	2.52585	3.4383
70.0	3.62150	3.14254	4.1005
80.0	4.36982	3.84723	4.8924
90.0	5.40762	4.80158	6.0137
91.0	5.54728	4.92846	6.1661
92.0	5.69900	5.06596	6.3320
93.0	5.86583	5.21676	6.5149
94.0	6.05215	5.38475	6.7196
95.0	6.26465	5.57582	6.9535
96.0	6.51431	5.79966	7.2290
97.0	6.82123	6.07399	7.5685
98.0	7.22923	6.43741	8.0211
99.0	7.87229	7.00778	8.7368
99.9	9.67430	8.59513	10.7535

Prob Plot for Pb

Distribution Function Analysis

Lognormal base e Dist. Parameter Estimates (ML)

Variable: Pb

Location 0.645042
Scale 0.596619

Goodness of Fit

Anderson-Darling (adjusted) = 3.132

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
0.1	0.3016	0.22956	0.3962
1.0	0.4757	0.38230	0.5920
2.0	0.5598	0.45816	0.6839

3.0	0.6206	0.51373	0.7497
4.0	0.6707	0.55979	0.8036
5.0	0.7144	0.60018	0.8504
6.0	0.7538	0.63676	0.8925
7.0	0.7902	0.67059	0.9312
8.0	0.8243	0.70233	0.9674
9.0	0.8565	0.73243	1.0016
10.0	0.8873	0.76122	1.0343
20.0	1.1536	1.01080	1.3166
30.0	1.3940	1.23496	1.5735
40.0	1.6387	1.46010	1.8391
50.0	1.9061	1.70142	2.1353
60.0	2.2171	1.97547	2.4882
70.0	2.6062	2.30891	2.9419
80.0	3.1493	2.75937	3.5943
90.0	4.0945	3.51263	4.7727
91.0	4.2417	3.62718	4.9603
92.0	4.4076	3.75553	5.1729
93.0	4.5976	3.90153	5.4178
94.0	4.8194	4.07087	5.7056
95.0	5.0855	4.27242	6.0533
96.0	5.4170	4.52126	6.4901
97.0	5.8542	4.84609	7.0720
98.0	6.4906	5.31262	7.9297
99.0	7.6369	6.13702	9.5032
99.9	12.0460	9.16873	15.8262

Prob Plot for Pb

Distribution Function Analysis

Lognormal base 10 Dist. Parameter Estimates (ML)

Variable: Pb

Location 0.280138
Scale 0.259108

Goodness of Fit

Anderson-Darling (adjusted) = 3.132

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
0.1	0.3016	0.22956	0.3962
1.0	0.4757	0.38230	0.5920
2.0	0.5598	0.45816	0.6839
3.0	0.6206	0.51373	0.7497
4.0	0.6707	0.55979	0.8036
5.0	0.7144	0.60018	0.8504
6.0	0.7538	0.63676	0.8925
7.0	0.7902	0.67059	0.9312
8.0	0.8243	0.70233	0.9674
9.0	0.8565	0.73243	1.0016
10.0	0.8873	0.76122	1.0343

20.0	1.1536	1.01080	1.3166
30.0	1.3940	1.23496	1.5735
40.0	1.6387	1.46010	1.8391
50.0	1.9061	1.70142	2.1353
60.0	2.2171	1.97547	2.4882
70.0	2.6062	2.30891	2.9419
80.0	3.1493	2.75937	3.5943
90.0	4.0945	3.51263	4.7727
91.0	4.2417	3.62718	4.9603
92.0	4.4076	3.75553	5.1729
93.0	4.5976	3.90153	5.4178
94.0	4.8194	4.07087	5.7056
95.0	5.0855	4.27242	6.0533
96.0	5.4170	4.52126	6.4901
97.0	5.8542	4.84609	7.0720
98.0	6.4906	5.31262	7.9297
99.0	7.6369	6.13702	9.5032
99.9	12.0460	9.16873	15.8262

Prob Plot for Pb

Distribution Function Analysis

Normal Dist. Parameter Estimates (ML)

Variable: Hg

Mean 0.0923774
StDev 0.0773552

Goodness of Fit

Anderson-Darling (adjusted) = 9.021

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
0.1	-1.5E-01	-1.8E-01	-1.1E-01
1.0	-8.8E-02	-1.2E-01	-5.9E-02
2.0	-6.6E-02	-9.2E-02	-4.1E-02
3.0	-5.3E-02	-7.8E-02	-2.9E-02
4.0	-4.3E-02	-6.6E-02	-2.0E-02
5.0	-3.5E-02	-5.7E-02	-1.2E-02
6.0	-2.8E-02	-5.0E-02	-6.0E-03
7.0	-2.2E-02	-4.3E-02	-5.0E-04
8.0	-1.6E-02	-3.7E-02	0.004446
9.0	-1.1E-02	-3.2E-02	0.008955
10.0	-6.8E-03	-2.7E-02	0.013116
20.0	0.027274	0.010137	0.044410
30.0	0.051812	0.036106	0.067518
40.0	0.072780	0.057819	0.087740
50.0	0.092377	0.077651	0.107103
60.0	0.111975	0.097015	0.126935
70.0	0.132942	0.117237	0.148648
80.0	0.157481	0.140345	0.174618
90.0	0.191512	0.171639	0.211385

91.0	0.196092	0.175800	0.216384
92.0	0.201067	0.180308	0.221825
93.0	0.206537	0.185253	0.227821
94.0	0.212647	0.190762	0.234532
95.0	0.219615	0.197027	0.242203
96.0	0.227802	0.204367	0.251236
97.0	0.237866	0.213363	0.262370
98.0	0.251245	0.225280	0.277211
99.0	0.272332	0.243984	0.300681
99.9	0.331423	0.296035	0.366810

Prob Plot for Hg

Distribution Function Analysis

Lognormal base e Dist. Parameter Estimates (ML)

Variable: Hg

Location -2.91674
Scale 1.18857

Goodness of Fit

Anderson-Darling (adjusted) = 11.32

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
0.1	0.00137	0.00080	0.00237
1.0	0.00341	0.00220	0.00527
2.0	0.00471	0.00316	0.00702
3.0	0.00579	0.00397	0.00843
4.0	0.00675	0.00471	0.00968
5.0	0.00766	0.00541	0.01084
6.0	0.00853	0.00609	0.01193
7.0	0.00936	0.00675	0.01299
8.0	0.01019	0.00740	0.01401
9.0	0.01099	0.00805	0.01502
10.0	0.01180	0.00869	0.01601
20.0	0.01990	0.01529	0.02589
30.0	0.02901	0.02279	0.03693
40.0	0.04004	0.03182	0.05039
50.0	0.05411	0.04315	0.06785
60.0	0.07312	0.05811	0.09202
70.0	0.10092	0.07928	0.12846
80.0	0.14713	0.11307	0.19145
90.0	0.24820	0.18289	0.33683
91.0	0.26629	0.19496	0.36372
92.0	0.28745	0.20895	0.39544
93.0	0.31265	0.22544	0.43360
94.0	0.34343	0.24536	0.48070
95.0	0.38224	0.27015	0.54083
96.0	0.43347	0.30240	0.62136
97.0	0.50597	0.34723	0.73728
98.0	0.62144	0.41700	0.92612

99.0	0.85924	0.55583	1.32826
99.9	2.13021	1.23675	3.66914

Prob Plot for Hg

Distribution Function Analysis

Lognormal base 10 Dist. Parameter Estimates (ML)

Variable: Hg

Location -1.26672
Scale 0.516190

Goodness of Fit

Anderson-Darling (adjusted) = 11.32

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
0.1	0.00137	0.00080	0.00237
1.0	0.00341	0.00220	0.00527
2.0	0.00471	0.00316	0.00702
3.0	0.00579	0.00397	0.00843
4.0	0.00675	0.00471	0.00968
5.0	0.00766	0.00541	0.01084
6.0	0.00853	0.00609	0.01193
7.0	0.00936	0.00675	0.01299
8.0	0.01019	0.00740	0.01401
9.0	0.01099	0.00805	0.01502
10.0	0.01180	0.00869	0.01601
20.0	0.01990	0.01529	0.02589
30.0	0.02901	0.02279	0.03693
40.0	0.04004	0.03182	0.05039
50.0	0.05411	0.04315	0.06785
60.0	0.07312	0.05811	0.09202
70.0	0.10092	0.07928	0.12846
80.0	0.14713	0.11307	0.19145
90.0	0.24820	0.18289	0.33683
91.0	0.26629	0.19496	0.36372
92.0	0.28745	0.20895	0.39544
93.0	0.31265	0.22544	0.43360
94.0	0.34343	0.24536	0.48070
95.0	0.38224	0.27015	0.54083
96.0	0.43347	0.30240	0.62136
97.0	0.50597	0.34723	0.73728
98.0	0.62144	0.41700	0.92612
99.0	0.85924	0.55583	1.32826
99.9	2.13021	1.23675	3.66914

Prob Plot for Hg

Distribution Function Analysis

Normal Dist. Parameter Estimates (ML)

Variable: Se

Mean 0.832151
StDev 0.875491

Goodness of Fit

Anderson-Darling (adjusted) = 14.88

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
0.1	-1.87332	-2.27383	-1.47281
1.0	-1.20455	-1.52539	-0.88370
2.0	-0.96589	-1.25976	-0.67202
3.0	-0.81447	-1.09179	-0.53714
4.0	-0.70056	-0.96579	-0.43533
5.0	-0.60790	-0.86355	-0.35226
6.0	-0.52904	-0.77673	-0.28135
7.0	-0.45989	-0.70078	-0.21900
8.0	-0.39798	-0.63292	-0.16304
9.0	-0.34167	-0.57133	-0.11201
10.0	-0.28984	-0.51475	-0.06492
20.0	0.09532	-0.09863	0.28927
30.0	0.37304	0.19529	0.55080
40.0	0.61035	0.44103	0.77967
50.0	0.83215	0.66549	0.99882
60.0	1.05395	0.88463	1.22327
70.0	1.29126	1.11350	1.46901
80.0	1.56898	1.37504	1.76293
90.0	1.95414	1.72922	2.17906
91.0	2.00597	1.77631	2.23563
92.0	2.06228	1.82734	2.29722
93.0	2.12419	1.88331	2.36508
94.0	2.19334	1.94565	2.44103
95.0	2.27221	2.01656	2.52785
96.0	2.36486	2.09963	2.63009
97.0	2.47877	2.20145	2.75609
98.0	2.63019	2.33632	2.92406
99.0	2.86885	2.54800	3.18969
99.9	3.53762	3.13711	3.93813

Prob Plot for Se

Distribution Function Analysis

Lognormal base e Dist. Parameter Estimates (ML)

Variable: Se

Location -0.478913
Scale 0.732021

Goodness of Fit

Anderson-Darling (adjusted) = 6.25

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
0.1	0.06450	0.04615	0.09016
1.0	0.11283	0.08628	0.14755
2.0	0.13775	0.10774	0.17612
3.0	0.15634	0.12399	0.19714
4.0	0.17197	0.13776	0.21466
5.0	0.18582	0.15006	0.23010
6.0	0.19849	0.16136	0.24416
7.0	0.21030	0.17194	0.25722
8.0	0.22147	0.18197	0.26955
9.0	0.23215	0.19159	0.28130
10.0	0.24243	0.20087	0.29259
20.0	0.33454	0.28446	0.39344
30.0	0.42199	0.36371	0.48960
40.0	0.51460	0.44667	0.59286
50.0	0.61946	0.53888	0.71208
60.0	0.74568	0.64725	0.85909
70.0	0.90934	0.78375	1.05505
80.0	1.14703	0.97532	1.34896
90.0	1.58282	1.31147	1.91032
91.0	1.65293	1.36414	2.00286
92.0	1.73261	1.42360	2.10870
93.0	1.82467	1.49180	2.23180
94.0	1.93327	1.57163	2.37813
95.0	2.06505	1.66763	2.55718
96.0	2.23140	1.78758	2.78540
97.0	2.45437	1.94642	3.09487
98.0	2.78563	2.17878	3.56152
99.0	3.40084	2.60064	4.44727
99.9	5.94888	4.25598	8.31517

Prob Plot for Se

Distribution Function Analysis

Lognormal base 10 Dist. Parameter Estimates (ML)

Variable: Se

Location -0.207989
Scale 0.317913

Goodness of Fit

Anderson-Darling (adjusted) = 6.25

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
0.1	0.06450	0.04615	0.09016
1.0	0.11283	0.08628	0.14755
2.0	0.13775	0.10774	0.17612
3.0	0.15634	0.12399	0.19714
4.0	0.17197	0.13776	0.21466
5.0	0.18582	0.15006	0.23010
6.0	0.19849	0.16136	0.24416
7.0	0.21030	0.17194	0.25722
8.0	0.22147	0.18197	0.26955
9.0	0.23215	0.19159	0.28130
10.0	0.24243	0.20087	0.29259
20.0	0.33454	0.28446	0.39344
30.0	0.42199	0.36371	0.48960
40.0	0.51460	0.44667	0.59286
50.0	0.61946	0.53888	0.71208
60.0	0.74568	0.64725	0.85909
70.0	0.90934	0.78375	1.05505
80.0	1.14703	0.97532	1.34896
90.0	1.58282	1.31147	1.91032
91.0	1.65293	1.36414	2.00286
92.0	1.73261	1.42360	2.10870
93.0	1.82467	1.49180	2.23180
94.0	1.93327	1.57163	2.37813
95.0	2.06505	1.66763	2.55718
96.0	2.23140	1.78758	2.78540
97.0	2.45437	1.94642	3.09487
98.0	2.78563	2.17878	3.56152
99.0	3.40084	2.60064	4.44727
99.9	5.94888	4.25598	8.31517

Prob Plot for Se

Distribution Function Analysis

Normal Dist. Parameter Estimates (ML)

Variable: HCN

Mean 2.64364
StDev 2.45910

Goodness of Fit

Anderson-Darling (adjusted) = 10.82

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
0.1	-4.9556	-6.05988	-3.8512

1.0	-3.0771	-3.96176	-2.1924
2.0	-2.4067	-3.21702	-1.5965
3.0	-1.9814	-2.74608	-1.2168
4.0	-1.6615	-2.39279	-0.9302
5.0	-1.4012	-2.10611	-0.6963
6.0	-1.1797	-1.86267	-0.4968
7.0	-0.9855	-1.64968	-0.3213
8.0	-0.8116	-1.45938	-0.1638
9.0	-0.6534	-1.28666	-0.0202
10.0	-0.5078	-1.12799	0.1123
20.0	0.5740	0.03924	1.1088
30.0	1.3541	0.86396	1.8442
40.0	2.0206	1.55377	2.4875
50.0	2.6436	2.18409	3.1032
60.0	3.2666	2.79978	3.7335
70.0	3.9332	3.44307	4.4233
80.0	4.7133	4.17850	5.2480
90.0	5.7951	5.17494	6.4153
91.0	5.9407	5.30745	6.5739
92.0	6.0989	5.45105	6.7466
93.0	6.2728	5.60856	6.9370
94.0	6.4670	5.78403	7.1499
95.0	6.6885	5.98362	7.3934
96.0	6.9488	6.21745	7.6801
97.0	7.2687	6.50405	8.0334
98.0	7.6940	6.88374	8.5043
99.0	8.3644	7.47970	9.2490
99.9	10.2428	9.13851	11.3472

Prob Plot for HCN

Distribution Function Analysis

Lognormal base e Dist. Parameter Estimates (ML)

Variable: HCN

Location	0.682681
Scale	0.709908

Goodness of Fit

Anderson-Darling (adjusted) = 6.256

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
0.1	0.2207	0.1604	0.3035
1.0	0.3795	0.2940	0.4900
2.0	0.4606	0.3645	0.5819
3.0	0.5207	0.4176	0.6494
4.0	0.5711	0.4624	0.7054
5.0	0.6157	0.5023	0.7546
6.0	0.6563	0.5389	0.7994
7.0	0.6942	0.5731	0.8409
8.0	0.7299	0.6054	0.8800

9.0	0.7640	0.6364	0.9173
10.0	0.7968	0.6662	0.9531
20.0	1.0889	0.9332	1.2707
30.0	1.3640	1.1840	1.5713
40.0	1.6534	1.4449	1.8919
50.0	1.9792	1.7333	2.2600
60.0	2.3692	2.0704	2.7110
70.0	2.8719	2.4929	3.3083
80.0	3.5972	3.0826	4.1977
90.0	4.9158	4.1100	5.8796
91.0	5.1269	4.2703	6.1552
92.0	5.3664	4.4511	6.4699
93.0	5.6427	4.6581	6.8353
94.0	5.9681	4.9002	7.2688
95.0	6.3622	5.1908	7.7980
96.0	6.8586	5.5533	8.4708
97.0	7.5223	6.0323	9.3803
98.0	8.5050	6.7311	10.7464
99.0	10.3209	7.9947	13.3240
99.9	17.7513	12.9056	24.4166

Prob Plot for HCN

Distribution Function Analysis

Lognormal base 10 Dist. Parameter Estimates (ML)

Variable: HCN

Location 0.296484
Scale 0.308309

Goodness of Fit

Anderson-Darling (adjusted) = 6.256

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
0.1	0.2207	0.1604	0.3035
1.0	0.3795	0.2940	0.4900
2.0	0.4606	0.3645	0.5819
3.0	0.5207	0.4176	0.6494
4.0	0.5711	0.4624	0.7054
5.0	0.6157	0.5023	0.7546
6.0	0.6563	0.5389	0.7994
7.0	0.6942	0.5731	0.8409
8.0	0.7299	0.6054	0.8800
9.0	0.7640	0.6364	0.9173
10.0	0.7968	0.6662	0.9531
20.0	1.0889	0.9332	1.2707
30.0	1.3640	1.1840	1.5713
40.0	1.6534	1.4449	1.8919
50.0	1.9792	1.7333	2.2600
60.0	2.3692	2.0704	2.7110
70.0	2.8719	2.4929	3.3083

80.0	3.5972	3.0826	4.1977
90.0	4.9158	4.1100	5.8796
91.0	5.1269	4.2703	6.1552
92.0	5.3664	4.4511	6.4699
93.0	5.6427	4.6581	6.8353
94.0	5.9681	4.9002	7.2688
95.0	6.3622	5.1908	7.7980
96.0	6.8586	5.5533	8.4708
97.0	7.5223	6.0323	9.3803
98.0	8.5050	6.7311	10.7464
99.0	10.3209	7.9947	13.3240
99.9	17.7513	12.9056	24.4166

Prob Plot for HCN

Distribution Function Analysis

Normal Dist. Parameter Estimates (ML)

Variable: Tetrchloroet

Mean 1.32454
StDev 4.86393

Goodness of Fit

Anderson-Darling (adjusted) = 14.58

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
1	-9.9906	-12.5860	-7.3953
2	-8.6647	-11.0419	-6.2876
3	-7.8235	-10.0668	-5.5802
4	-7.1907	-9.3361	-5.0452
5	-6.6759	-8.7439	-4.6080
6	-6.2378	-8.2414	-4.2341
7	-5.8536	-7.8022	-3.9050
8	-5.5096	-7.4101	-3.6092
9	-5.1968	-7.0546	-3.3390
10	-4.9088	-6.7282	-3.0894
20	-2.7690	-4.3379	-1.2002
30	-1.2261	-2.6640	0.2118
40	0.0923	-1.2774	1.4619
50	1.3245	-0.0236	2.6727
60	2.5568	1.1872	3.9265
70	3.8752	2.4373	5.3131
80	5.4181	3.8493	6.9870
90	7.5579	5.7385	9.3773
91	7.8459	5.9881	9.7036
92	8.1587	6.2582	10.0592
93	8.5027	6.5541	10.4513
94	8.8868	6.8832	10.8905
95	9.3250	7.2570	11.3929
96	9.8397	7.6943	11.9852
97	10.4726	8.2293	12.7159

98	11.3138	8.9367	13.6910
99	12.6397	10.0444	15.2351

Prob Plot for Tetrchloroet

Distribution Function Analysis

Lognormal base e Dist. Parameter Estimates (ML)

Variable: Tetrchloroet

Location -1.81127
Scale 1.55966

Goodness of Fit

Anderson-Darling (adjusted) = 3.186

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
1	0.00434	0.00189	0.0100
2	0.00664	0.00310	0.0142
3	0.00870	0.00424	0.0179
4	0.01065	0.00536	0.0212
5	0.01257	0.00648	0.0244
6	0.01446	0.00761	0.0275
7	0.01636	0.00876	0.0306
8	0.01827	0.00993	0.0336
9	0.02019	0.01113	0.0366
10	0.02215	0.01236	0.0397
20	0.04398	0.02660	0.0727
30	0.07214	0.04549	0.1144
40	0.11010	0.07096	0.1708
50	0.16345	0.10608	0.2518
60	0.24265	0.15640	0.3765
70	0.37032	0.23353	0.5872
80	0.60737	0.36726	1.0045
90	1.20626	0.67308	2.1618
91	1.32294	0.72917	2.4002
92	1.46254	0.79514	2.6901
93	1.63308	0.87428	3.0505
94	1.84717	0.97159	3.5118
95	2.12581	1.09532	4.1258
96	2.50732	1.26018	4.9887
97	3.07141	1.49601	6.3058
98	4.02245	1.87693	8.6205
99	6.15370	2.67734	14.1439

Prob Plot for Tetrchloroet

Distribution Function Analysis

Lognormal base 10 Dist. Parameter Estimates (ML)

Variable: Tetrchloroet

Location -0.786623
Scale 0.677353

Goodness of Fit

Anderson-Darling (adjusted) = 3.186

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
1	0.00434	0.00189	0.0100
2	0.00664	0.00310	0.0142
3	0.00870	0.00424	0.0179
4	0.01065	0.00536	0.0212
5	0.01257	0.00648	0.0244
6	0.01446	0.00761	0.0275
7	0.01636	0.00876	0.0306
8	0.01827	0.00993	0.0336
9	0.02019	0.01113	0.0366
10	0.02215	0.01236	0.0397
20	0.04398	0.02660	0.0727
30	0.07214	0.04549	0.1144
40	0.11010	0.07096	0.1708
50	0.16345	0.10608	0.2518
60	0.24265	0.15640	0.3765
70	0.37032	0.23353	0.5872
80	0.60737	0.36726	1.0045
90	1.20626	0.67308	2.1618
91	1.32294	0.72917	2.4002
92	1.46254	0.79514	2.6901
93	1.63308	0.87428	3.0505
94	1.84717	0.97159	3.5118
95	2.12581	1.09532	4.1258
96	2.50732	1.26018	4.9887
97	3.07141	1.49601	6.3058
98	4.02245	1.87693	8.6205
99	6.15370	2.67734	14.1439

Prob Plot for Tetrchloroet

Distribution Function Analysis

Normal Dist. Parameter Estimates (ML)

Variable: Bis(2-ethylh

Mean 2.97876
StDev 3.75769

Goodness of Fit

Anderson-Darling (adjusted) = 6.786

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
1	-5.7629	-7.60878	-3.9171
2	-4.7386	-6.42923	-3.0480
3	-4.0887	-5.68412	-2.4932
4	-3.5998	-5.12564	-2.0739
5	-3.2021	-4.67282	-1.7314
6	-2.8636	-4.28858	-1.4386
7	-2.5668	-3.95264	-1.1810
8	-2.3011	-3.65269	-0.9494
9	-2.0594	-3.38063	-0.7381
10	-1.8369	-3.13088	-0.5430
20	-0.1838	-1.29957	0.9320
30	1.0082	-0.01440	2.0309
40	2.0268	1.05266	3.0009
50	2.9788	2.01993	3.9376
60	3.9308	2.95667	4.9049
70	4.9493	3.92667	5.9719
80	6.1413	5.02554	7.2571
90	7.7944	6.50048	9.0884
91	8.0169	6.69566	9.3382
92	8.2586	6.90697	9.6102
93	8.5243	7.13850	9.9102
94	8.8211	7.39615	10.2461
95	9.1596	7.68889	10.6303
96	9.5573	8.03145	11.0832
97	10.0462	8.45077	11.6416
98	10.6961	9.00549	12.3868
99	11.7205	9.87463	13.5663

Prob Plot for Bis(2-ethylh

Distribution Function Analysis

Lognormal base e Dist. Parameter Estimates (ML)

Variable: Bis(2-ethylh

Location 0.568876
Scale 0.969899

Goodness of Fit

Anderson-Darling (adjusted) = 1.466

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit

1	0.1850	0.1149	0.2979
2	0.2410	0.1558	0.3728
3	0.2850	0.1888	0.4302
4	0.3233	0.2181	0.4794
5	0.3583	0.2451	0.5237
6	0.3910	0.2707	0.5648
7	0.4221	0.2952	0.6036
8	0.4521	0.3189	0.6408
9	0.4812	0.3421	0.6767
10	0.5096	0.3649	0.7117
20	0.7808	0.5854	1.0414
30	1.0621	0.8157	1.3829
40	1.3815	1.0744	1.7764
50	1.7663	1.3790	2.2623
60	2.2583	1.7562	2.9038
70	2.9373	2.2559	3.8246
80	3.9955	2.9957	5.3290
90	6.1218	4.3836	8.5492
91	6.4836	4.6101	9.1185
92	6.9009	4.8685	9.7818
93	7.3909	5.1683	10.5692
94	7.9793	5.5237	11.5265
95	8.7078	5.9572	12.7283
96	9.6491	6.5080	14.3064
97	10.9469	7.2518	16.5247
98	12.9462	8.3682	20.0289
99	16.8643	10.4727	27.1568

Prob Plot for Bis(2-ethylh

Distribution Function Analysis

Lognormal base 10 Dist. Parameter Estimates (ML)

Variable: Bis(2-ethylh

Location 0.247060
Scale 0.421222

Goodness of Fit

Anderson-Darling (adjusted) = 1.466

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
1	0.1850	0.1149	0.2979
2	0.2410	0.1558	0.3728
3	0.2850	0.1888	0.4302
4	0.3233	0.2181	0.4794
5	0.3583	0.2451	0.5237
6	0.3910	0.2707	0.5648
7	0.4221	0.2952	0.6036
8	0.4521	0.3189	0.6408
9	0.4812	0.3421	0.6767

10	0.5096	0.3649	0.7117
20	0.7808	0.5854	1.0414
30	1.0621	0.8157	1.3829
40	1.3815	1.0744	1.7764
50	1.7663	1.3790	2.2623
60	2.2583	1.7562	2.9038
70	2.9373	2.2559	3.8246
80	3.9955	2.9957	5.3290
90	6.1218	4.3836	8.5492
91	6.4836	4.6101	9.1185
92	6.9009	4.8685	9.7818
93	7.3909	5.1683	10.5692
94	7.9793	5.5237	11.5265
95	8.7078	5.9572	12.7283
96	9.6491	6.5080	14.3064
97	10.9469	7.2518	16.5247
98	12.9462	8.3682	20.0289
99	16.8643	10.4727	27.1568

Prob Plot for Bis(2-ethylh

Distribution Function Analysis

Normal Dist. Parameter Estimates (ML)

Variable: Gamma-BHC

Mean 0.0155119
StDev 0.0181362

Goodness of Fit

Anderson-Darling (adjusted) = 10.49

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
0.1	-4.1E-02	-4.8E-02	-3.3E-02
1.0	-2.7E-02	-3.3E-02	-2.1E-02
2.0	-2.2E-02	-2.7E-02	-1.6E-02
3.0	-1.9E-02	-2.4E-02	-1.3E-02
4.0	-1.6E-02	-2.1E-02	-1.1E-02
5.0	-1.4E-02	-1.9E-02	-9.6E-03
6.0	-1.3E-02	-1.7E-02	-8.1E-03
7.0	-1.1E-02	-1.6E-02	-6.8E-03
8.0	-1.0E-02	-1.4E-02	-5.6E-03
9.0	-8.8E-03	-1.3E-02	-4.6E-03
10.0	-7.7E-03	-1.2E-02	-3.6E-03
20.0	2.48E-04	-3.3E-03	3.82E-03
30.0	6.00E-03	2.73E-03	9.28E-03
40.0	1.09E-02	7.80E-03	1.40E-02
50.0	1.55E-02	1.24E-02	1.86E-02
60.0	2.01E-02	1.70E-02	2.32E-02
70.0	2.50E-02	2.17E-02	2.83E-02
80.0	3.08E-02	2.72E-02	3.43E-02
90.0	3.88E-02	3.46E-02	4.29E-02

91.0	3.98E-02	3.56E-02	4.41E-02
92.0	4.10E-02	3.67E-02	4.53E-02
93.0	4.23E-02	3.78E-02	4.67E-02
94.0	4.37E-02	3.91E-02	4.83E-02
95.0	4.53E-02	4.06E-02	5.01E-02
96.0	4.73E-02	4.24E-02	5.21E-02
97.0	4.96E-02	4.45E-02	5.47E-02
98.0	5.28E-02	4.73E-02	5.82E-02
99.0	5.77E-02	5.18E-02	6.36E-02
99.9	7.16E-02	6.42E-02	7.89E-02

Prob Plot for Gamma-BHC

Distribution Function Analysis

Lognormal base e Dist. Parameter Estimates (ML)

Variable: Gamma-BHC

Location -5.29730
Scale 1.73701

Goodness of Fit

Anderson-Darling (adjusted) = 6.374

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
0.1	0.00002	0.000012	0.00005
1.0	0.00009	0.000050	0.00016
2.0	0.00014	0.000084	0.00024
3.0	0.00019	0.000117	0.00031
4.0	0.00024	0.000150	0.00038
5.0	0.00029	0.000183	0.00045
6.0	0.00034	0.000217	0.00052
7.0	0.00039	0.000252	0.00059
8.0	0.00044	0.000288	0.00066
9.0	0.00049	0.000325	0.00073
10.0	0.00054	0.000363	0.00080
20.0	0.00116	0.000824	0.00163
30.0	0.00201	0.001471	0.00275
40.0	0.00322	0.002391	0.00435
50.0	0.00501	0.003730	0.00672
60.0	0.00777	0.005765	0.01048
70.0	0.01245	0.009095	0.01703
80.0	0.02159	0.015335	0.03040
90.0	0.04636	0.031175	0.06895
91.0	0.05139	0.034264	0.07706
92.0	0.05746	0.037959	0.08698
93.0	0.06497	0.042472	0.09938
94.0	0.07452	0.048136	0.11538
95.0	0.08715	0.055504	0.13682
96.0	0.10473	0.065588	0.16724
97.0	0.13129	0.080483	0.21417
98.0	0.17730	0.105559	0.29779

99.0	0.28467	0.161608	0.50145
99.9	1.07300	0.529253	2.17539

Prob Plot for Gamma-BHC

Distribution Function Analysis

Lognormal base 10 Dist. Parameter Estimates (ML)

Variable: Gamma-BHC

Location -2.30059
Scale 0.754374

Goodness of Fit

Anderson-Darling (adjusted) = 6.374

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
0.1	0.00002	0.000012	0.00005
1.0	0.00009	0.000050	0.00016
2.0	0.00014	0.000084	0.00024
3.0	0.00019	0.000117	0.00031
4.0	0.00024	0.000150	0.00038
5.0	0.00029	0.000183	0.00045
6.0	0.00034	0.000217	0.00052
7.0	0.00039	0.000252	0.00059
8.0	0.00044	0.000288	0.00066
9.0	0.00049	0.000325	0.00073
10.0	0.00054	0.000363	0.00080
20.0	0.00116	0.000824	0.00163
30.0	0.00201	0.001471	0.00275
40.0	0.00322	0.002391	0.00435
50.0	0.00501	0.003730	0.00672
60.0	0.00777	0.005765	0.01048
70.0	0.01245	0.009095	0.01703
80.0	0.02159	0.015335	0.03040
90.0	0.04636	0.031175	0.06895
91.0	0.05139	0.034264	0.07706
92.0	0.05746	0.037959	0.08698
93.0	0.06497	0.042472	0.09938
94.0	0.07452	0.048136	0.11538
95.0	0.08715	0.055504	0.13682
96.0	0.10473	0.065588	0.16724
97.0	0.13129	0.080483	0.21417
98.0	0.17730	0.105559	0.29779
99.0	0.28467	0.161608	0.50145
99.9	1.07300	0.529253	2.17539

Prob Plot for Gamma-BHC

Distribution Function Analysis

Normal Dist. Parameter Estimates (ML)

Variable: Heptachlor E

Mean 0.0012231
StDev 0.0008041

Goodness of Fit

Anderson-Darling (adjusted) = 7.353

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
0.1	-1.3E-03	-1.6E-03	-9.3E-04
1.0	-6.5E-04	-9.1E-04	-3.9E-04
2.0	-4.3E-04	-6.7E-04	-1.9E-04
3.0	-2.9E-04	-5.2E-04	-6.3E-05
4.0	-1.8E-04	-4.0E-04	3.21E-05
5.0	-9.9E-05	-3.1E-04	1.09E-04
6.0	-2.7E-05	-2.3E-04	1.75E-04
7.0	3.65E-05	-1.6E-04	2.33E-04
8.0	9.34E-05	-9.9E-05	2.85E-04
9.0	1.45E-04	-4.3E-05	3.33E-04
10.0	1.93E-04	8.98E-06	3.76E-04
20.0	5.46E-04	3.88E-04	7.05E-04
30.0	8.01E-04	6.56E-04	9.47E-04
40.0	1.02E-03	8.81E-04	1.16E-03
50.0	1.22E-03	1.09E-03	1.36E-03
60.0	1.43E-03	1.29E-03	1.57E-03
70.0	1.64E-03	1.50E-03	1.79E-03
80.0	1.90E-03	1.74E-03	2.06E-03
90.0	2.25E-03	2.07E-03	2.44E-03
91.0	2.30E-03	2.11E-03	2.49E-03
92.0	2.35E-03	2.16E-03	2.54E-03
93.0	2.41E-03	2.21E-03	2.61E-03
94.0	2.47E-03	2.27E-03	2.68E-03
95.0	2.55E-03	2.34E-03	2.75E-03
96.0	2.63E-03	2.41E-03	2.85E-03
97.0	2.74E-03	2.51E-03	2.96E-03
98.0	2.87E-03	2.63E-03	3.11E-03
99.0	3.09E-03	2.83E-03	3.36E-03
99.9	3.71E-03	3.38E-03	4.03E-03

Prob Plot for Heptachlor E

Distribution Function Analysis

Lognormal base e Dist. Parameter Estimates (ML)

Variable: Heptachlor E

Location -6.86518
Scale 0.554739

Goodness of Fit

Anderson-Darling (adjusted) = 6.609

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
0.1	1.88E-04	1.50E-04	2.36E-04
1.0	2.87E-04	2.40E-04	3.44E-04
2.0	3.34E-04	2.83E-04	3.94E-04
3.0	3.68E-04	3.14E-04	4.30E-04
4.0	3.95E-04	3.40E-04	4.59E-04
5.0	4.19E-04	3.63E-04	4.84E-04
6.0	4.40E-04	3.83E-04	5.06E-04
7.0	4.60E-04	4.02E-04	5.27E-04
8.0	4.79E-04	4.19E-04	5.46E-04
9.0	4.96E-04	4.36E-04	5.65E-04
10.0	5.13E-04	4.52E-04	5.82E-04
20.0	6.54E-04	5.86E-04	7.30E-04
30.0	7.80E-04	7.06E-04	8.62E-04
40.0	9.07E-04	8.24E-04	9.97E-04
50.0	1.04E-03	9.50E-04	1.15E-03
60.0	1.20E-03	1.09E-03	1.32E-03
70.0	1.40E-03	1.26E-03	1.54E-03
80.0	1.66E-03	1.49E-03	1.86E-03
90.0	2.12E-03	1.87E-03	2.41E-03
91.0	2.20E-03	1.93E-03	2.50E-03
92.0	2.28E-03	1.99E-03	2.60E-03
93.0	2.37E-03	2.07E-03	2.71E-03
94.0	2.47E-03	2.15E-03	2.84E-03
95.0	2.60E-03	2.25E-03	3.00E-03
96.0	2.76E-03	2.37E-03	3.20E-03
97.0	2.96E-03	2.53E-03	3.46E-03
98.0	3.26E-03	2.76E-03	3.85E-03
99.0	3.79E-03	3.17E-03	4.54E-03
99.9	5.79E-03	4.62E-03	7.26E-03

Prob Plot for Heptachlor E

Distribution Function Analysis

Lognormal base 10 Dist. Parameter Estimates (ML)

Variable: Heptachlor E

Location -2.98151
Scale 0.240920

Goodness of Fit

Anderson-Darling (adjusted) = 6.609

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
0.1	1.88E-04	1.50E-04	2.36E-04
1.0	2.87E-04	2.40E-04	3.44E-04
2.0	3.34E-04	2.83E-04	3.94E-04
3.0	3.68E-04	3.14E-04	4.30E-04
4.0	3.95E-04	3.40E-04	4.59E-04
5.0	4.19E-04	3.63E-04	4.84E-04
6.0	4.40E-04	3.83E-04	5.06E-04
7.0	4.60E-04	4.02E-04	5.27E-04
8.0	4.79E-04	4.19E-04	5.46E-04
9.0	4.96E-04	4.36E-04	5.65E-04
10.0	5.13E-04	4.52E-04	5.82E-04
20.0	6.54E-04	5.86E-04	7.30E-04
30.0	7.80E-04	7.06E-04	8.62E-04
40.0	9.07E-04	8.24E-04	9.97E-04
50.0	1.04E-03	9.50E-04	1.15E-03
60.0	1.20E-03	1.09E-03	1.32E-03
70.0	1.40E-03	1.26E-03	1.54E-03
80.0	1.66E-03	1.49E-03	1.86E-03
90.0	2.12E-03	1.87E-03	2.41E-03
91.0	2.20E-03	1.93E-03	2.50E-03
92.0	2.28E-03	1.99E-03	2.60E-03
93.0	2.37E-03	2.07E-03	2.71E-03
94.0	2.47E-03	2.15E-03	2.84E-03
95.0	2.60E-03	2.25E-03	3.00E-03
96.0	2.76E-03	2.37E-03	3.20E-03
97.0	2.96E-03	2.53E-03	3.46E-03
98.0	3.26E-03	2.76E-03	3.85E-03
99.0	3.79E-03	3.17E-03	4.54E-03
99.9	5.79E-03	4.62E-03	7.26E-03

Prob Plot for Heptachlor E

9/26/2006 10:55:50 AM

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Distribution Function Analysis

Normal Dist. Parameter Estimates (ML)

Variable: Thallium

Mean 1.39126
StDev 0.999693

Goodness of Fit

Anderson-Darling (adjusted) = 4.042

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
1	-0.93437	-1.49051	-0.37823
2	-0.66186	-1.17124	-0.15248
3	-0.48896	-0.96965	-0.00826
4	-0.35889	-0.81862	0.10085
5	-0.25309	-0.69621	0.19004
6	-0.16304	-0.59237	0.26630
7	-0.08408	-0.50162	0.33347
8	-0.01338	-0.42062	0.39386
9	0.05092	-0.34717	0.44900
10	0.11010	-0.27976	0.49997
20	0.54990	0.21372	0.88608
30	0.86702	0.55891	1.17514
40	1.13799	0.84450	1.43148
50	1.39126	1.10237	1.68015
60	1.64453	1.35104	1.93802
70	1.91550	1.60739	2.22361
80	2.23262	1.89644	2.56880
90	2.67242	2.28256	3.06228
91	2.73160	2.33352	3.12969
92	2.79590	2.38866	3.20314
93	2.86660	2.44905	3.28414
94	2.94556	2.51622	3.37490
95	3.03561	2.59249	3.47873
96	3.14141	2.68168	3.60114
97	3.27148	2.79078	3.75218
98	3.44438	2.93500	3.95376
99	3.71689	3.16075	4.27304

Prob Plot for Thallium

Distribution Function Analysis

Lognormal base e Dist. Parameter Estimates (ML)

Variable: Thallium

Location -0.274963
Scale 1.47153

Goodness of Fit

Anderson-Darling (adjusted) = 3.791

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
1	0.0248	0.0109	0.0562
2	0.0370	0.0175	0.0783
3	0.0477	0.0235	0.0968
4	0.0578	0.0294	0.1137
5	0.0675	0.0352	0.1296
6	0.0771	0.0410	0.1450
7	0.0866	0.0468	0.1601
8	0.0961	0.0528	0.1750
9	0.1056	0.0588	0.1898
10	0.1152	0.0649	0.2046
20	0.2202	0.1342	0.3611
30	0.3511	0.2231	0.5526
40	0.5232	0.3397	0.8059
50	0.7596	0.4965	1.1622
60	1.1028	0.7159	1.6987
70	1.6433	1.0441	2.5863
80	2.6209	1.5978	4.2989
90	5.0072	2.8208	8.8884
91	5.4630	3.0405	9.8156
92	6.0053	3.2976	10.9363
93	6.6639	3.6042	12.3212
94	7.4852	3.9787	14.0822
95	[illegible]	4.4514	16.4078
96	9.9864	5.0759	19.6473
97	12.0936	5.9602	24.5389
98	15.5987	7.3698	33.0158
99	23.2970	10.2748	52.8235

Prob Plot for Thallium

Distribution Function Analysis

Normal Dist. Parameter Estimates (ML)

Variable: Tetrachloroe

Mean 1.32454
StDev 4.86393

Goodness of Fit

Anderson-Darling (adjusted) = 14.58

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
1	-9.9906	-12.5860	-7.3953
2	-8.6647	-11.0419	-6.2876
3	-7.8235	-10.0668	-5.5802
4	-7.1907	-9.3361	-5.0452
5	-6.6759	-8.7439	-4.6080
6	-6.2378	-8.2414	-4.2341
7	-5.8536	-7.8022	-3.9050
8	-5.5096	-7.4101	-3.6092
9	-5.1968	-7.0546	-3.3390
10	-4.9088	-6.7282	-3.0894
20	-2.7690	-4.3379	-1.2002
30	-1.2261	-2.6640	0.2118
40	0.0923	-1.2774	1.4619
50	1.3245	-0.0236	2.6727
60	2.5568	1.1872	3.9265
70	3.8752	2.4373	5.3131
80	5.4181	3.8493	6.9870
90	7.5579	5.7385	9.3773
91	7.8459	5.9881	9.7036
92	8.1587	6.2582	10.0592
93	8.5027	6.5541	10.4513
94	8.8868	6.8832	10.8905
95	9.3250	7.2570	11.3929
96	9.8397	7.6943	11.9852
97	10.4726	8.2293	12.7159
98	11.3138	8.9367	13.6910
99	12.6397	10.0444	15.2351

Prob Plot for Tetrachloroe

Distribution Function Analysis

Lognormal base e Dist. Parameter Estimates (ML)

Variable: Tetrachloroe

Location -1.81127
Scale 1.55966

Goodness of Fit

Anderson-Darling (adjusted) = 3.186

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
1	0.00434	0.00189	0.0100

2	0.00664	0.00310	0.0142
3	0.00870	0.00424	0.0179
4	0.01065	0.00536	0.0212
5	0.01257	0.00648	0.0244
6	0.01446	0.00761	0.0275
7	0.01636	0.00876	0.0306
8	0.01827	0.00993	0.0336
9	0.02019	0.01113	0.0366
10	0.02215	0.01236	0.0397
20	0.04398	0.02660	0.0727
30	0.07214	0.04549	0.1144
40	0.11010	0.07096	0.1708
50	0.16345	0.10608	0.2518
60	0.24265	0.15640	0.3765
70	0.37032	0.23353	0.5872
80	0.60737	0.36726	1.0045
90	1.20626	0.67308	2.1618
91	1.32294	0.72917	2.4002
92	1.46254	0.79514	2.6901
93	1.63308	0.87428	3.0505
94	1.84717	0.97159	3.5118
95	2.12581	1.09532	4.1258
96	2.50732	1.26018	4.9887
97	3.07141	1.49601	6.3058
98	4.02245	1.87693	8.6205
99	6.15370	2.67734	14.1439

Prob Plot for Tetrachloroe

Distribution Function Analysis

Normal Dist. Parameter Estimates (ML)

Variable: Bis(2-ethylh

Mean 2.97876
StDev 3.75769

Goodness of Fit

Anderson-Darling (adjusted) = 6.786

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
1	-5.7629	-7.60878	-3.9171
2	-4.7386	-6.42923	-3.0480
3	-4.0887	-5.68412	-2.4932
4	-3.5998	-5.12564	-2.0739
5	-3.2021	-4.67282	-1.7314
6	-2.8636	-4.28858	-1.4386
7	-2.5668	-3.95264	-1.1810
8	-2.3011	-3.65269	-0.9494
9	-2.0594	-3.38063	-0.7381
10	-1.8369	-3.13088	-0.5430
20	-0.1838	-1.29957	0.9320

30	1.0082	-0.01440	2.0309
40	2.0268	1.05266	3.0009
50	2.9788	2.01993	3.9376
60	3.9308	2.95667	4.9049
70	4.9493	3.92667	5.9719
80	6.1413	5.02554	7.2571
90	7.7944	6.50048	9.0884
91	8.0169	6.69566	9.3382
92	8.2586	6.90697	9.6102
93	8.5243	7.13850	9.9102
94	8.8211	7.39615	10.2461
95	9.1596	7.68889	10.6303
96	9.5573	8.03145	11.0832
97	10.0462	8.45077	11.6416
98	10.6961	9.00549	12.3868
99	11.7205	9.87463	13.5663

Prob Plot for Bis(2-ethylh

Distribution Function Analysis

Lognormal base e Dist. Parameter Estimates (ML)

Variable: Bis(2-ethylh

Location 0.568876
Scale 0.969899

Goodness of Fit

Anderson-Darling (adjusted) = 1.466

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
1	0.1850	0.1149	0.2979
2	0.2410	0.1558	0.3728
3	0.2850	0.1888	0.4302
4	0.3233	0.2181	0.4794
5	0.3583	0.2451	0.5237
6	0.3910	0.2707	0.5648
7	0.4221	0.2952	0.6036
8	0.4521	0.3189	0.6408
9	0.4812	0.3421	0.6767
10	0.5096	0.3649	0.7117
20	0.7808	0.5854	1.0414
30	1.0621	0.8157	1.3829
40	1.3815	1.0744	1.7764
50	1.7663	1.3790	2.2623
60	2.2583	1.7562	2.9038
70	2.9373	2.2559	3.8246
80	3.9955	2.9957	5.3290
90	6.1218	4.3836	8.5492
91	6.4836	4.6101	9.1185
92	6.9009	4.8685	9.7818
93	7.3909	5.1683	10.5692

94	7.9793	5.5237	11.5265
95	8.7078	5.9572	12.7283
96	9.6491	6.5080	14.3064
97	10.9469	7.2518	16.5247
98	12.9462	8.3682	20.0289
99	16.8643	10.4727	27.1568

Prob Plot for Bis(2-ethylh

11/21/2006 1:35:03 PM

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Distribution Function Analysis

Normal Dist. Parameter Estimates (ML)

Variable: HCN

Mean 2.64364
StDev 2.45910

Goodness of Fit

Anderson-Darling (adjusted) = 10.82

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
0.1	-4.9556	-6.05988	-3.8512
1.0	-3.0771	-3.96176	-2.1924
2.0	-2.4067	-3.21702	-1.5965
3.0	-1.9814	-2.74608	-1.2168
4.0	-1.6615	-2.39279	-0.9302
5.0	-1.4012	-2.10611	-0.6963
6.0	-1.1797	-1.86267	-0.4968
7.0	-0.9855	-1.64968	-0.3213
8.0	-0.8116	-1.45938	-0.1638
9.0	-0.6534	-1.28666	-0.0202
10.0	-0.5078	-1.12799	0.1123
20.0	0.5740	0.03924	1.1088
30.0	1.3541	0.86396	1.8442
40.0	2.0206	1.55377	2.4875
50.0	2.6436	2.18409	3.1032
60.0	3.2666	2.79978	3.7335
70.0	3.9332	3.44307	4.4233
80.0	4.7133	4.17850	5.2480
90.0	5.7951	5.17494	6.4153
91.0	5.9407	5.30745	6.5739
92.0	6.0989	5.45105	6.7466
93.0	6.2728	5.60856	6.9370
94.0	6.4670	5.78403	7.1499
95.0	6.6885	5.98362	7.3934
96.0	6.9488	6.21745	7.6801
97.0	7.2687	6.50405	8.0334
98.0	7.6940	6.88374	8.5043
99.0	8.3644	7.47970	9.2490
99.9	10.2428	9.13851	11.3472

Prob Plot for HCN

Distribution Function Analysis

Lognormal base e Dist. Parameter Estimates (ML)

Variable: HCN

Location 0.682681
Scale 0.709908

Goodness of Fit

Anderson-Darling (adjusted) = 6.256

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
0.1	0.2207	0.1604	0.3035
1.0	0.3795	0.2940	0.4900
2.0	0.4606	0.3645	0.5819
3.0	0.5207	0.4176	0.6494
4.0	0.5711	0.4624	0.7054
5.0	0.6157	0.5023	0.7546
6.0	0.6563	0.5389	0.7994
7.0	0.6942	0.5731	0.8409
8.0	0.7299	0.6054	0.8800
9.0	0.7640	0.6364	0.9173
10.0	0.7968	0.6662	0.9531
20.0	1.0889	0.9332	1.2707
30.0	1.3640	1.1840	1.5713
40.0	1.6534	1.4449	1.8919
50.0	1.9792	1.7333	2.2600
60.0	2.3692	2.0704	2.7110
70.0	2.8719	2.4929	3.3083
80.0	3.5972	3.0826	4.1977
90.0	4.9158	4.1100	5.8796
91.0	5.1269	4.2703	6.1552
92.0	5.3664	4.4511	6.4699
93.0	5.6427	4.6581	6.8353
94.0	5.9681	4.9002	7.2688
95.0	6.3622	5.1908	7.7980
96.0	6.8586	5.5533	8.4708
97.0	7.5223	6.0323	9.3803
98.0	8.5050	6.7311	10.7464
99.0	10.3209	7.9947	13.3240
99.9	17.7513	12.9056	24.4166

Prob Plot for HCN

Distribution Function Analysis

Normal Dist. Parameter Estimates (ML)

Variable: Bis(2-ethylh

Mean 3.02876
StDev 3.75798

Goodness of Fit

Anderson-Darling (adjusted) = 6.372

Percentile Estimates

Percent	Percentile	95% CI Approximate Lower Limit	95% CI Approximate Upper Limit
1	-5.7136	-7.55957	-3.8676
2	-4.6892	-6.37994	-2.9984
3	-4.0392	-5.63478	-2.4437
4	-3.5503	-5.07625	-2.0243
5	-3.1526	-4.62340	-1.6817
6	-2.8140	-4.23912	-1.3890
7	-2.5172	-3.90316	-1.1313
8	-2.2515	-3.60318	-0.8997
9	-2.0098	-3.33111	-0.6884
10	-1.7873	-3.08133	-0.4932
20	-0.1340	-1.24989	0.9818
30	1.0581	0.03537	2.0808
40	2.0767	1.10252	3.0509
50	3.0288	2.06986	3.9877
60	3.9808	3.00666	4.9550
70	4.9994	3.97674	6.0222
80	6.1916	5.07569	7.3074
90	7.8448	6.55075	9.1389
91	8.0673	6.74594	9.3886
92	8.3090	6.95727	9.6607
93	8.5748	7.18881	9.9607
94	8.8716	7.44648	10.2966
95	9.2101	7.73924	10.6809
96	9.6078	8.08183	11.1338
97	10.0967	8.50118	11.6923
98	10.7467	9.05594	12.4375
99	11.7711	9.92515	13.6171

Prob Plot for Bis(2-ethylh

Distribution Function Analysis

Lognormal base e Dist. Parameter Estimates (ML)

Variable: Bis(2-ethylh

Location 0.586941
Scale 0.977197

Goodness of Fit

Anderson-Darling (adjusted) = [illegible]

Percentile Estimates

	95% CI	95% CI

Percent	Percentile	Approximate Lower Limit	Approximate Upper Limit
1	0.1852	0.1146	0.2993
2	0.2417	0.1557	0.3752
3	0.2862	0.1890	0.4334
4	0.3250	0.2186	0.4833
5	0.3604	0.2459	0.5284
6	0.3936	0.2717	0.5702
7	0.4252	0.2965	0.6097
8	0.4556	0.3206	0.6475
9	0.4852	0.3441	0.6841
10	0.5141	0.3672	0.7197
20	0.7902	0.5912	1.0562
30	1.0773	0.8258	1.4056
40	1.4041	1.0899	1.8088
50	1.7985	1.4016	2.3078
60	2.3037	1.7882	2.9678
70	3.0023	2.3012	3.9170
80	4.0934	3.0624	5.4714
90	6.2919	4.4941	8.8089
91	6.6667	4.7281	9.4001
92	7.0991	4.9952	10.0892
93	7.6071	5.3052	10.9077
94	8.2175	5.6728	11.9035
95	[illegible]	6.1216	13.1544
96	9.9513	6.6919	14.7982
97	11.3005	7.4629	17.1114
98	13.3813	8.6210	20.7700
99	[illegible]	10.8073	28.2263

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