	A	B	C	D	E	F	G	H	I	J	K	L
1				Goodness-of-Fit Test Statistics for Data Sets with Non-Detects								
2		User Selected Options										
3		Date/Time of Computation		7/30/2013 9:54:13 AM								
4		From File		WorkSheet.xls								
5		Full Precision		OFF								
6		Confidence Coefficient		0.95								
7												
8												
9	Chlordane											
10												
11					Num Obs	Num Miss	Num Valid	Detects	NDs	% NDs		
12				Raw Statistics	67	0	67	33	34	50.75%		
13												
14					Number	Minimum	Maximum	Mean	Median	SD		
15				Statistics (Non-Detects Only)	34	0.0438	0.91	0.349	0.44	0.223		
16				Statistics (Detects Only)	33	0.117	1.18	0.468	0.42	0.21		
17				Statistics (All: NDs treated as DL value)	67	0.0438	1.18	0.408	0.433	0.224		
18				Statistics (All: NDs treated as DL/2 value)	67	0.0219	1.18	0.319	0.3	0.222		
19				Statistics (Normal ROS Imputed Data)	67	-0.0363	1.18	0.297	0.28	0.241		
20				Statistics (Gamma ROS Imputed Data)	67	0.077	1.18	0.324	0.286	0.213		
21				Statistics (Lognormal ROS Imputed Data)	67	0.117	1.18	0.339	0.282	0.199		
22												
23					K hat	K Star	Theta hat	Log Mean	Log Stdv	Log CV		
24				Statistics (Detects Only)	5.199	4.747	0.0899	-0.859	0.471	-0.548		
25				Statistics (NDs = DL)	2.553	2.448	0.16	-1.106	0.742	-0.671		
26				Statistics (NDs = DL/2)	1.736	1.668	0.184	-1.458	0.918	-0.63		
27				Statistics (Gamma ROS Estimates)	2.539	2.435	0.128	--	--	--		
28				Statistics (Lognormal ROS Estimates)	--	--	--	-1.226	0.526	-0.429		
29												
30				Normal GOF Test Results								
31												
32					No NDs	NDs = DL	NDs = DL/2	lormal RO				
33				Correlation Coefficient R	0.947	0.973	0.958	0.963				
34												
35					Test value	Crit. (0.05)	Conclusion with Alpha(0.05)					
36				Shapiro-Wilk (Detects Only)	0.912	0.931	Data Not Normal					
37				Lilliefors (Detects Only)	0.174	0.154	Data Not Normal					
38				Shapiro-Wilk (NDs = DL)	N/A	N/A						
39				Lilliefors (NDs = DL)	0.116	0.108	Data Not Normal					
40				Shapiro-Wilk (NDs = DL/2)	N/A	N/A						
41				Lilliefors (NDs = DL/2)	0.101	0.108	Data Appear Normal					
42				Shapiro-Wilk (Normal ROS Estimates)	N/A	N/A						
43				Lilliefors (Normal ROS Estimates)	0.0917	0.108	Data Appear Normal					
44												
45				Gamma GOF Test Results								
46												
47					No NDs	NDs = DL	NDs = DL/2	amma RO				
48				Correlation Coefficient R	0.978	0.971	0.989	0.992				
49												
50					Test value	Crit. (0.05)	Conclusion with Alpha(0.05)					
51				Anderson-Darling (Detects Only)	0.629	0.748						
52				Kolmogorov-Smirnov (Detects Only)	0.144	0.154	Detected Data Appear Gamma Distributed					
53				Anderson-Darling (NDs = DL)	2.093	0.76						
54				Kolmogorov-Smirnov (NDs = DL)	0.167	0.11	Data Not Gamma Distributed					
55				Anderson-Darling (NDs = DL/2)	0.915	0.766						
56				Kolmogorov-Smirnov (NDs = DL/2)	0.132	0.111	Data Not Gamma Distributed					
57				nderson-Darling (Gamma ROS Estimates)	0.709	0.76						
58				Kolmogorov-Smirnov (Gamma ROS Est.)	0.0956	0.11	Data Appear Gamma Distributed					
59												
60				Lognormal GOF Test Results								
61												
62					No NDs	NDs = DL	NDs = DL/2	Log ROS				

	A	B	C	D	E	F	G	H	I	J	K	L
63				Correlation Coefficient R	0.966	0.939	0.957	0.982				
64												
65					Test value	Crit. (0.05)	Conclusion with Alpha(0.05)					
66				Shapiro-Wilk (Detects Only)	0.944	0.931	Data Appear Lognormal					
67				Lilliefors (Detects Only)	0.167	0.154	Data Not Lognormal					
68				Shapiro-Wilk (NDs = DL)	N/A	N/A						
69				Lilliefors (NDs = DL)	0.207	0.108	Data Not Lognormal					
70				Shapiro-Wilk (NDs = DL/2)	N/A	N/A						
71				Lilliefors (NDs = DL/2)	0.186	0.108	Data Not Lognormal					
72				Shapiro-Wilk (Lognormal ROS Estimates)	N/A	N/A						
73				Lilliefors (Lognormal ROS Estimates)	0.0998	0.108	Data Appear Lognormal					
74	**Note: Substitution methods such as DL or DL/2 are not recommended.**											