	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		8/2/2013 11:53:15 AM								
4		From File		WorkSheet.xls								
5		Full Precision		OFF								
6		Confidence Coefficient		0.95								
7												
8												
9	Aroclor											
10												
11					Num Obs	Num Miss	Num Valid	Detects	NDs	% NDs		
12				Raw Statistics	63	0	63	19	44	69.84%		
13												
14					Number	Minimum	Maximum	Mean	Median	SD		
15				Statistics (Non-Detects Only)	44	1.3	18	5.688	2.825	4.374		
16				Statistics (Detects Only)	19	4.95	20.45	9.097	7.7	4.147		
17				Statistics (All: NDs treated as DL value)	63	1.3	20.45	6.716	6.4	4.555		
18				Statistics (All: NDs treated as DL/2 value)	63	0.65	20.45	4.73	4.5	4.084		
19				Statistics (Normal ROS Imputed Data)	63	-5.912	20.45	2.509	1.275	5.299		
20				Statistics (Gamma ROS Imputed Data)	63	0.01	20.45	3.712	2.287	4.386		
21				Statistics (Lognormal ROS Imputed Data)	63	1.948	20.45	5.15	3.92	3.513		
22												
23					K hat	K Star	Theta hat	Log Mean	Log Stdv	Log CV		
24				Statistics (Detects Only)	6.357	5.388	1.431	2.127	0.395	0.186		
25				Statistics (NDs = DL)	1.948	1.866	3.448	1.626	0.806	0.496		
26				Statistics (NDs = DL/2)	1.357	1.303	3.485	1.142	0.983	0.86		
27				Statistics (Gamma ROS Estimates)	0.57	0.553	6.514	--	--	--		
28				Statistics (Lognormal ROS Estimates)	--	--	--	1.486	0.514	0.346		
29												
30				Normal GOF Test Results								
31												
32					No NDs	NDs = DL	NDs = DL/2	lormal RO				
33				Correlation Coefficient R	0.908	0.958	0.918	0.513				
34												
35					Test value	Crit. (0.05)	Conclusion with Alpha(0.05)					
36				Shapiro-Wilk (Detects Only)	0.827	0.901	Data Not Normal					
37				Lilliefors (Detects Only)	0.253	0.203	Data Not Normal					
38				Shapiro-Wilk (NDs = DL)	N/A	N/A						
39				Lilliefors (NDs = DL)	0.167	0.112	Data Not Normal					
40				Shapiro-Wilk (NDs = DL/2)	N/A	N/A						
41				Lilliefors (NDs = DL/2)	0.159	0.112	Data Not Normal					
42				Shapiro-Wilk (Normal ROS Estimates)	N/A	N/A						
43				Lilliefors (Normal ROS Estimates)	0.181	0.112	Data Not Normal					
44												
45				Gamma GOF Test Results								
46												
47					No NDs	NDs = DL	NDs = DL/2	amma RO				
48				Correlation Coefficient R	0.963	0.977	0.987	0.988				
49												
50					Test value	Crit. (0.05)	Conclusion with Alpha(0.05)					
51				Anderson-Darling (Detects Only)	0.805	0.742						
52				Kolmogorov-Smirnov (Detects Only)	0.212	0.199	Data Not Gamma Distributed					
53				Anderson-Darling (NDs = DL)	1.775	0.764						
54				Kolmogorov-Smirnov (NDs = DL)	0.151	0.114	Data Not Gamma Distributed					
55				Anderson-Darling (NDs = DL/2)	1.87	0.772						
56				Kolmogorov-Smirnov (NDs = DL/2)	0.17	0.115	Data Not Gamma Distributed					
57				nderson-Darling (Gamma ROS Estimates)	1.264	0.81						
58				Kolmogorov-Smirnov (Gamma ROS Est.)	0.144	0.118	Data Not 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	0.962	0.96	0.958	0.948				
64												
65					Test value	Crit. (0.05)	Conclusion with Alpha(0.05)					
66				Shapiro-Wilk (Detects Only)	0.92	0.901	Data Appear Lognormal					
67				Lilliefors (Detects Only)	0.186	0.203	Data Appear Lognormal					
68				Shapiro-Wilk (NDs = DL)	N/A	N/A						
69				Lilliefors (NDs = DL)	0.165	0.112	Data Not Lognormal					
70				Shapiro-Wilk (NDs = DL/2)	N/A	N/A						
71				Lilliefors (NDs = DL/2)	0.214	0.112	Data Not Lognormal					
72				Shapiro-Wilk (Lognormal ROS Estimates)	N/A	N/A						
73				Lilliefors (Lognormal ROS Estimates)	0.181	0.112	Data Not Lognormal					
74	**Note: Substitution methods such as DL or DL/2 are not recommended.**											