	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		9/23/2014 3:19:06 PM								
4		From File		WorkSheet.xls								
5		Full Precision		OFF								
6		Confidence Coefficient		0.95								
7												
8												
9	Aroclors											
10												
11					Num Obs	Num Miss	Num Valid	Detects	NDs	% NDs		
12				Raw Statistics	43	0	43	18	25	58.14%		
13												
14					Number	Minimum	Maximum	Mean	Median	SD		
15				Statistics (Non-Detects Only)	25	1.3	5.2	2.196	2.16	0.854		
16				Statistics (Detects Only)	18	4.95	16.18	8.466	7.56	3.195		
17				Statistics (All: NDs treated as DL value)	43	1.3	16.18	4.82	2.8	3.787		
18				Statistics (All: NDs treated as DL/2 value)	43	0.65	16.18	4.182	1.4	4.215		
19				Statistics (Normal ROS Imputed Data)	43	-4.587	16.18	3.151	0.416	5.11		
20				Statistics (Gamma ROS Imputed Data)	43	0.01	16.18	4.055	1.484	4.33		
21				Statistics (Lognormal ROS Imputed Data)	43	1.949	16.18	5.292	3.347	3.416		
22												
23					K hat	K Star	Theta hat	Log Mean	Log Stdv	Log CV		
24				Statistics (Detects Only)	8.733	7.314	0.969	2.078	0.34	0.164		
25				Statistics (NDs = DL)	1.928	1.809	2.5	1.292	0.755	0.585		
26				Statistics (NDs = DL/2)	1.058	1	3.953	0.889	1.076	1.21		
27				Statistics (Gamma ROS Estimates)	0.62	0.592	6.54	--	--	--		
28				Statistics (Lognormal ROS Estimates)	--	--	--	1.504	0.551	0.366		
29												
30				Normal GOF Test Results								
31												
32					No NDs	NDs = DL	NDs = DL/2	lormal RO				
33				Correlation Coefficient R	0.927	0.916	0.897	0.914				
34												
35					Test value	Crit. (0.05)	Conclusion with Alpha(0.05)					
36				Shapiro-Wilk (Detects Only)	0.857	0.897	Data Not Normal					
37				Lilliefors (Detects Only)	0.233	0.209	Data Not Normal					
38				Shapiro-Wilk (NDs = DL)	0.833	0.943	Data Not Normal					
39				Lilliefors (NDs = DL)	0.233	0.135	Data Not Normal					
40				Shapiro-Wilk (NDs = DL/2)	0.796	0.943	Data Not Normal					
41				Lilliefors (NDs = DL/2)	0.28	0.135	Data Not Normal					
42				Shapiro-Wilk (Normal ROS Estimates)	0.881	0.943	Data Not Normal					
43				Lilliefors (Normal ROS Estimates)	0.243	0.135	Data Not Normal					
44												
45				Gamma GOF Test Results								
46												
47					No NDs	NDs = DL	NDs = DL/2	amma RO				
48				Correlation Coefficient R	0.966	0.986	0.971	0.956				
49												
50					Test value	Crit. (0.05)	Conclusion with Alpha(0.05)					
51				Anderson-Darling (Detects Only)	0.687	0.74						
52				Kolmogorov-Smirnov (Detects Only)	0.189	0.204	Detected Data Appear Gamma Distributed					
53				Anderson-Darling (NDs = DL)	1.364	0.761						
54				Kolmogorov-Smirnov (NDs = DL)	0.198	0.137	Data Not Gamma Distributed					
55				Anderson-Darling (NDs = DL/2)	2.641	0.776						
56				Kolmogorov-Smirnov (NDs = DL/2)	0.258	0.139	Data Not Gamma Distributed					
57				nderson-Darling (Gamma ROS Estimates)	1.786	0.802						
58				Kolmogorov-Smirnov (Gamma ROS Est.)	0.188	0.141	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	0.967	0.97	0.939	0.943				
64												
65					Test value	Crit. (0.05)	Conclusion with Alpha(0.05)					
66				Shapiro-Wilk (Detects Only)	0.927	0.897	Data Appear Lognormal					
67				Lilliefors (Detects Only)	0.166	0.209	Data Appear Lognormal					
68				Shapiro-Wilk (NDs = DL)	0.919	0.943	Data Not Lognormal					
69				Lilliefors (NDs = DL)	0.162	0.135	Data Not Lognormal					
70				Shapiro-Wilk (NDs = DL/2)	0.857	0.943	Data Not Lognormal					
71				Lilliefors (NDs = DL/2)	0.225	0.135	Data Not Lognormal					
72				Shapiro-Wilk (Lognormal ROS Estimates)	0.879	0.943	Data Not Lognormal					
73				Lilliefors (Lognormal ROS Estimates)	0.244	0.135	Data Not Lognormal					
74	**Note: Substitution methods such as DL or DL/2 are not recommended.**											