	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		7/31/2013 9:42:37 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		64	0	64	22	42	65.63%		
13												
14					Number	Minimum	Maximum	Mean	Median	SD		
15			Statistics (Non-Detects Only)		42	1.3	18	5.841	3.125	4.42		
16			Statistics (Detects Only)		22	4.95	53.45	14.96	8.253	13.62		
17			Statistics (All: NDs treated as DL value)		64	1.3	53.45	8.974	7.56	9.674		
18			Statistics (All: NDs treated as DL/2 value)		64	0.65	53.45	7.058	4.65	9.91		
19			Statistics (Normal ROS Imputed Data)		64	-31.52	53.45	-4.402	-9.87	17.2		
20			Statistics (Gamma ROS Imputed Data)		64	0.01	53.45	5.229	0.01	10.6		
21			Statistics (Lognormal ROS Imputed Data)		64	0.779	53.45	6.619	2.694	9.975		
22												
23					K hat	K Star	Theta hat	Log Mean	Log Stdv	Log CV		
24			Statistics (Detects Only)		1.863	1.639	8.027	2.413	0.725	0.3		
25			Statistics (NDs = DL)		1.322	1.27	6.788	1.771	0.934	0.528		
26			Statistics (NDs = DL/2)		0.914	0.882	7.721	1.316	1.138	0.865		
27			Statistics (Gamma ROS Estimates)		0.2	0.201	26.11	--	--	--		
28			Statistics (Lognormal ROS Estimates)		--	--	--	1.304	0.971	0.745		
29												
30				Normal GOF Test Results								
31												
32					No NDs	NDs = DL	NDs = DL/2	lormal RO				
33			Correlation Coefficient R		0.847	0.822	0.768	0.757				
34												
35					Test value	Crit. (0.05)	Conclusion with Alpha(0.05)					
36			Shapiro-Wilk (Detects Only)		0.719	0.911	Data Not Normal					
37			Lilliefors (Detects Only)		0.264	0.189	Data Not Normal					
38			Shapiro-Wilk (NDs = DL)		N/A	N/A						
39			Lilliefors (NDs = DL)		0.221	0.111	Data Not Normal					
40			Shapiro-Wilk (NDs = DL/2)		N/A	N/A						
41			Lilliefors (NDs = DL/2)		0.276	0.111	Data Not Normal					
42			Shapiro-Wilk (Normal ROS Estimates)		N/A	N/A						
43			Lilliefors (Normal ROS Estimates)		0.178	0.111	Data Not Normal					
44												
45				Gamma GOF Test Results								
46												
47					No NDs	NDs = DL	NDs = DL/2	amma RO				
48			Correlation Coefficient R		0.958	0.952	0.944	0.984				
49												
50					Test value	Crit. (0.05)	Conclusion with Alpha(0.05)					
51			Anderson-Darling (Detects Only)		1.622	0.757						
52			Kolmogorov-Smirnov (Detects Only)		0.226	0.188	Data Not Gamma Distributed					
53			Anderson-Darling (NDs = DL)		1.43	0.773						
54			Kolmogorov-Smirnov (NDs = DL)		0.115	0.114	Data Not Gamma Distributed					
55			Anderson-Darling (NDs = DL/2)		2.126	0.784						
56			Kolmogorov-Smirnov (NDs = DL/2)		0.141	0.115	Data Not Gamma Distributed					
57			nderson-Darling (Gamma ROS Estimates)		8.616	0.91						
58			Kolmogorov-Smirnov (Gamma ROS Est.)		0.4	0.123	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	0.936	0.975	0.97	0.954				
64												
65					Test value	Crit. (0.05)	Conclusion with Alpha(0.05)					
66				Shapiro-Wilk (Detects Only)	0.866	0.911	Data Not Lognormal					
67				Lilliefors (Detects Only)	0.201	0.189	Data Not Lognormal					
68				Shapiro-Wilk (NDs = DL)	N/A	N/A						
69				Lilliefors (NDs = DL)	0.122	0.111	Data Not Lognormal					
70				Shapiro-Wilk (NDs = DL/2)	N/A	N/A						
71				Lilliefors (NDs = DL/2)	0.175	0.111	Data Not Lognormal					
72				Shapiro-Wilk (Lognormal ROS Estimates)	N/A	N/A						
73				Lilliefors (Lognormal ROS Estimates)	0.179	0.111	Data Not Lognormal					
74	**Note: Substitution methods such as DL or DL/2 are not recommended.**											