	A	B	C	D	E	F	G	H	I	J	K	L
1					**Outlier Tests for Selected Variables replacing nondetects with 1/2 the Detection Li**							
2			**User Selected Options**									
3			Date/Time of Computation	8/2/2013 12:10:53 PM								
4				From File	WorkSheet.xls							
5				Full Precision	OFF							
6												
7												
8			**Rosner's Outlier Test for 10 Outliers in Aroclor**									
9												
10												
11			**Total N**	**46**								
12			**Number NDs**	**23**								
13			**Number Detects**	**46**								
14			**Mean with NDs=DL/2**	**8.054**								
15			**SD with NDs=DL/2**	**11.53**								
16			**Number of data**	**46**								
17			**Number of suspected outliers**	**10**								
18			**NDs replaced with half value.**									
19												
20				Potential	Obs.	Test	Critical	Critical				
21	#	Mean	sd	outlier	Number	value	value (5%)	value (1%)				
22	1	8.054	11.4	53.45	10	3.982	3.09	3.45				
23	2	7.045	9.381	40.83	7	3.601	3.09	3.44				
24	3	6.278	7.931	37.35	21	3.918	3.08	3.43				
25	4	5.555	6.394	32.95	20	4.284	2.07	3.41				
26	5	4.903	4.81	20.45	9	3.232	2.06	3.4				
27	6	4.524	4.187	16.18	41	2.783	2.248	3.388				
28	7	4.232	3.796	13.7	46	2.494	2.436	3.376				
29	8	3.99	3.517	13.5	11	2.704	2.624	3.364				
30	9	3.739	3.193	10.93	40	2.252	2.812	3.352				
31	10	3.545	3	10.05	45	2.168	3	3.34				
32												
33	For 5% significance level, there are 8 Potential Outliers											
34	53.45, 40.83, 37.35, 32.95, 20.45, 16.18, 13.7, 13.5											
35												
36	For 1% Significance Level, there are 4 Potential Outliers											
37	53.45, 40.83, 37.35, 32.95											
38												