WP	Demano	d	Summary - A																
Lab Group	Study Type	Study Open Date Minimum	Study Open Date Maximum		Number of Analytes	Number of individual Labs	Average Number PT per Year	Total Number Data Points	Total Number Not Acceptable	Failure Rate	Average Absolute z score	Average Recovery	Average Recovery Standard Deviation	z _{CALC} Failure Rate	Significance of difference H0:p1=p2 Failure Rate	H0: p1=p2 (< 5% Significant) Failure Rate	F _{CALC} Average Recovery Variance	Critial F at p=0.05 for Average Recovery <u>Variance /</u> probability H0:V1=V2	F Test Average Recovery Variance (F _{CALC} < Critical F)
1PT	WP	5/9/2005		Demand	4	36	1.03	262	14	5.34%	1.0158	103.1%	22.3%	1.250	0.106	Same	2.899	1.215	Significantly Different
2PT	WP	6/6/2005	4/14/2008	Demand	4	14	2.16	309	10	3.24%	0.9013	100.3%	13.1%					0.0000	prob H0: V1=V2
Studies by Accreditation Period (12 m				onths)															
1PT	WP	6/18/2007		Demand	4	35	NA	104	4	3.85%	1.0482	98.0%	19.1%	0.997	0.159	Same	1.992	1.368	Significantly Different
2PT	WP	6/18/2007	4/14/2008	Demand	4	13	NA	119	2	1.68%	0.8243	100.0%	13.5%					0.0002	prob H0: V1=V2
1PT	WP	6/12/2006		Demand	4	36	NA	110	8	7.27%	1.0215	108.3%	26.2%	1.971	0.024	Significantly Different	5.579	1.370	Significantly Different
2PT	WP	6/12/2006	4/16/2007	Demand	4	13	NA	112	2	1.79%	0.8107	100.2%	11.1%					0.0000	prob H0: V1=V2
1PT	WP	5/9/2005		Demand	4	15	NA	48	2	4.17%	0.9328	102.1%	15.5%	0.788	0.215	Same	1.060	1.524	Same
2PT	WP	6/6/2005	4/17/2006	Demand	4	13	NA	78	6	7.69%	1.1489	100.8%	15.0%					0.4033	prob H0: V1=V2
WP Analyte Summary																			
Lab Group	Number of Analytes	Number of	Failure Rate Percentage of Analytes Significantly Different High	Number of Analytes	Average Recovery Variance Number of analytes Significantly Different High	Average Recovery Variance Percentage Significantly Different High													
1PT	4	1	25.0%	4	3	75.0%													
2PT Same	4	0 3	0.0% 75.0%	4	1 0	25.0% 0.0%													

Lab	Study	Study Open	Study Open	Analyte Name	NELAC	Number of	Average	Total	Total	Failure	Average	Average	Average	Z _{CALC}	Significance	H0: p1=p2	F _{CALC}	Critial F at	F Test Average
Group	Туре	Date	Date Maximum		Analyte	individual	Number	Number	Number Not	Rate	Absolute	Recovery	Recovery	Failure	of difference	(< 5% Significant)	Average	p=0.05 for	Recovery Variance
		Minimum			Number	Labs	PT per	Data	Acceptable		z score		Standard	Rate	H0:p1=p2	Failure Rate	Recovery	Average	(F _{CALC} < Critical F)
							Year	Points					Deviation		Failure Rate		Variance	Recovery	
																		Variance /	
																		probability	
																		H0:V1=V2	
1PT	WP	5/9/2005	12/10/2007	BOD	1530	30	0.99	77	3	3.90%	0.9700	102.8%	27.5%	1.584	0.057	Same	3.620	1.500	Significantly Different
2PT	WP	6/6/2005	4/14/2008	BOD	1530	12	1.84	63	0	0.00%	0.6853	100.0%	14.4%					0.0000	prob H0: V1=V2
1PT	WP	5/9/2005	12/10/2007	CBOD	1555	25	0.99	64	4	6.25%	1.1010	109.1%	27.0%	1.919	0.027	Significantly Different	2.454	1.543	Significantly Different
2PT	WP	6/6/2005	4/14/2008	CBOD	1555	11	1.81	57	0	0.00%	0.7280	102.0%	17.3%					0.0004	prob H0: V1=V2
1PT	WP	5/9/2005	12/10/2007	COD	1565	27	1.00	70	6	8.57%	1.1099	100.2%	16.4%	1.181	0.119	Same	2.901	1.473	Significantly Different
2PT	WP	6/6/2005	4/14/2008	COD	1565	13	2.07	77	3	3.90%	0.9641	99.7%	9.6%					0.0000	prob H0: V1=V2
1PT	WP	6/6/2005	12/10/2007	TOC	2040	17	1.19	51	1	1.96%	0.8489	100.0%	9.1%	1.175	0.120	Same	0.579	1.465	Significantly Different
2PT	WP	6/6/2005	4/14/2008	TOC	2040	14	2.80	112	7	6.25%	1.0679	100.0%	12.0%					0.9839	prob H0: V1=V2