

Precision and Accuracy Table

3/12/07 8:57 AM

Table # Title

Sample	Batch	Replicate Results			Intrabatch (within-run) Statistics					Ancillary Statistics		
		1st Rep	2nd Rep	3rd Rep	n	Mean	SD	% CV	%RE			
QC1	1	1.890	2.000	2.120	3	2.003	0.115	5.8	0.2	$MS_w =$	0.019	
	2	2	1.950	1.970	2.000	3	1.973	0.025	1.3	-1.3	$MS_b =$	0.094
		3	1.790	1.810	1.820	3	1.807	0.015	0.8	-9.7	$MS_t =$	0.041
	4	1.980	2.150	2.150	3	2.093	0.098	4.9	4.7	$s_t =$	0.202	
	5	1.480	1.500	2.000	3	1.660	0.295	14.7	-17.0	$s_b =$	0.158	
	6	2.180	2.060	2.110	3	2.117	0.060	3.0	5.8	$p =$	6	
Intrabatch (within-run) statistics (Pooled):					3.00	1.942	0.138	6.9	-2.9			
Interbatch (between-run) statistics (ANOVA):					18	1.942	0.209	10.5	-2.9			

  

Sample	Batch	Replicate Results			Intrabatch (within-run) Statistics					Ancillary Statistics	
		1st Rep	2nd Rep	3rd Rep	n	Mean	SD	% CV	%RE		
QC2	1	9.360	9.450	10.190	3	9.667	0.455	4.6	-3.3	$MS_w =$	0.562
	10	2	8.540	8.620	8.940	3	8.700	0.212	2.1	-13.0	$MS_b =$
3		8.970	8.910	8.790	3	8.890	0.092	0.9	-11.1	$MS_t =$	0.940
4		10.730	10.650	10.570	3	10.650	0.080	0.8	6.5	$s_t =$	0.970
5		7.440	7.800	10.390	3	8.543	1.609	16.1	-14.6	$s_b =$	0.655
6		9.700	9.360	8.320	3	9.127	0.719	7.2	-8.7	$p =$	6
Intrabatch (within-run) statistics (Pooled):					3.00	9.263	0.750	7.5	-7.4		
Interbatch (between-run) statistics (ANOVA):					18	9.263	0.995	10.0	-7.4		

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QC3	1	31.900	34.300	36.000	3	34.067	2.060	6.4	6.5	$MS_w =$	9.451
32	2	29.300	29.700	29.300	3	29.433	0.231	0.7	-8.0	$MS_b =$	11.743
	3	30.600	33.900	30.800	3	31.767	1.850	5.8	-0.7	$MS_t =$	10.125
	4	32.900	34.500	33.700	3	33.700	0.800	2.5	5.3	$s_t =$	3.182
	5	26.500	28.300	39.100	3	31.300	6.815	21.3	-2.2	$s_b =$	0.874
	6	31.100	28.500	29.000	3	29.533	1.380	4.3	-7.7	$p =$	6
Intrabatch (within-run) statistics (Pooled):					3.00	31.633	3.074	9.6	-1.1		
Interbatch (between-run) statistics (ANOVA):					18	31.633	3.196	10.0	-1.1		

Sample	Batch	Replicate Results			Intrabatch (within-run) Statistics					Ancillary Statistics	
		1st Rep	2nd Rep	3rd Rep	n	Mean	SD	% CV	%RE		
QC4	1	47.600	48.100	52.200	3	49.300	2.524	5.0	-1.4	$MS_w =$	9.320
50	2	42.000	41.400	43.700	3	42.367	1.193	2.4	-15.3	$MS_b =$	59.444
	3	72.4 X	53.100	45.800	2	49.450	5.162	10.3	-1.1	$MS_t =$	24.984
	4	53.400	55.300	54.500	3	54.400	0.954	1.9	8.8	$s_t =$	4.998
	5	45.600	42.600	51.500	3	46.567	4.528	9.1	-6.9	$s_b =$	4.213
	6	46.500	42.300	40.800	3	43.200	2.955	5.9	-13.6	$p =$	6
Intrabatch (within-run) statistics (Pooled):					2.88	47.435	3.053	6.1	-5.1		
Interbatch (between-run) statistics (ANOVA):					17	47.525	5.203	10.4	-5.0		

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Sample	Batch	Replicate Results			Intrabatch (within-run) Statistics					Ancillary Statistics	
		1st Rep	2nd Rep	3rd Rep	n	Mean	SD	% CV	%RE		
QC5	1	61.100	65.200	72.300	3	66.200	5.667	8.9	3.4	$MS_w =$	12.282
64	2	58.600	56.800	54.400	3	56.600	2.107	3.3	-11.6	$MS_b =$	107.230
	3	60.100	60.800	59.300	3	60.067	0.751	1.2	-6.1	$MS_t =$	40.208
	4	68.000	68.900	68.300	3	68.400	0.458	0.7	6.9	$s_t =$	6.341
	5	67.200	69.500	71.000	3	69.233	1.914	3.0	8.2	$s_b =$	5.626
	6	61.800	55.300	50.400	3	55.833	5.719	8.9	-12.8	$p =$	6
Intrabatch (within-run) statistics (Pooled):					3.00	62.722	3.505	5.5	-2.0		
Interbatch (between-run) statistics (ANOVA):					18	62.722	6.628	10.4	-2.0		