3.2.3.3 Autosampler stability

QC low (150 ng/ml)

The highest accuracy % of mean predicted value was 98.96% at zero hour while the lowest accuracy % was 98.52% obtained at 24 hours **(Table 3.33).**

Table 3.33 Propranolol QC low samples (150 ng/ml) results for autosampler stability test (n=3).

Time (hour)	Propranolol Area	Sildenafil Area	Ratios	Measured Conc.	Mean Measured	Accuracy %	Mean accuracy %
Zero	4786	119515	0.040	150.291		100.19	
	4943	128620	0.038	145.270	148.441	96.85	98.96
	4917	123311	0.040	149.761		99.84	
24.00	4655	120946	0.038	145.448		96.97	
	4973	126479	0.039	148.032	147.777	98.69	98.52
	4912	123096	0.040	149.851		99.90	

QC high (2500 ng/ml)

The highest accuracy % of mean predicted value was 102.93% at 24 hours while the lowest accuracy % was 102.34% obtained at zero hour **(Table 3.34).**

Table 3.34 Propranolol QC high samples (2500 ng/ml) results for autosampler stability test (n=3).

Time (hour)	Propranolol Area	Sildenafil Area	Ratios	Measured Conc.	Mean Measured	Accuracy %	Mean accuracy %
Zero	104325	126295	0.826	2595.004		103.80	
	102268	127144	0.804	2527.527	2558.516	101.10	102.34
	101134	124466	0.813	2553.017		102.12	
24.00	101981	125771	0.811	2547.741		101.91	
	100354	121960	0.823	2585.055	2573.283	103.40	102.93
	99114	120359	0.823	2587.054		103.48	

* Corresponding calibration curve used in the calculation of measured concentrations of autosampler stability test is shown in **table 3.43.**