

3.1.5 Recovery

3.1.5.1 Recovery in the mobile phase

CV% of AUC mean of PRN was 0.20%, 4.60% and 0.56% for QC mid, QC low and QC high respectively while it was 1.17%, 2.20% and 2.84% for QC high, QC mid and QC low respectively for AUC mean of sildenafil as shown in **table 3.21**.

Table 3.21 CV% values of AUC mean of propranolol and sildenafil (internal standard) in mobile phase.

Concentration	Propranolol Area	Sildenafil Area	Mean (Propranolol)	C.V % (Propranolol)	Mean (Sildenafil)	C.V % (Sildenafil)
150 ng/ml QC Low	4778	125107	4538	4.60	128104	2.84
	4436	132151				
	4399	127053				
1500 ng/ml QC Mid	54697	123858	54748	0.20	126548	2.20
	54675	129408				
	54873	126377				
2500 ng/ml QC High	88668	126850	89162	0.56	126990	1.17
	89665	125580				
	89154	128540				

3.1.5.2 Recovery in Krebs buffer

CV% of AUC mean of PRN was 1.56%, 4.06% and 4.88% for QC mid, QC high and QC low respectively while it was 0.32%, 0.80% and 3.23% for QC mid, QC low and QC high respectively for AUC mean of sildenafil as shown in **table 3.22**.