

**Table 3.27** Intra-day accuracy & precision data for all QC samples LLOQ, QC low, QC mid, and QC high of propranolol based on the standard calibration curves of the third day of validation (n=6). Corresponding calibration curve used in the calculation of measured concentration of intra-day three is shown in **table 3.38**.

Theo. Conc.	Propranolol Area	Sildenafil Area	Ratios	Measured Conc.	Accuracy %	Mean accuracy %	Precision %
50 ng/ml LLOQ	1022	122525	0.008	50.619	101.24	102.34%	0.98%
	1098	127138	0.009	51.528	103.06		
	908	103390	0.009	51.978	103.96		
	699	83077	0.008	50.843	101.69		
	1057	124175	0.009	51.146	102.29		
	1026	121622	0.008	50.911	101.82		
Mean	968	113655	0.009	51.171	102.34		
STD	146.33	17175.54	0.000	0.502	1.00		
CV%	15.11	15.11	1.912	0.981	0.98		
150 ng/ml QCL	4990	116969	0.043	156.355	104.24	102.40%	2.15%
	5043	123152	0.041	151.082	100.72		
	5049	118438	0.043	156.260	104.17		
	4930	117136	0.042	154.590	103.06		
	5320	125795	0.042	155.216	103.48		
	4893	122354	0.040	148.128	98.75		
Mean	5038	120641	0.042	153.605	102.40		
STD	151.43	3644.86	0.001	3.303	2.20		
CV%	3.01	3.02	2.566	2.150	2.15		
1500 ng/ml QC Mid	62703	135088	0.464	1454.968	97.00	100.28%	1.81%
	59652	124996	0.477	1495.227	99.68		
	59804	123754	0.483	1513.767	100.92		
	60072	123146	0.488	1527.823	101.85		
	61535	128007	0.481	1505.963	100.40		
	61902	126920	0.488	1527.556	101.84		
Mean	60945	126985	0.480	1504.217	100.28		
STD	1272.04	4378.14	0.009	27.212	1.81		
CV%	2.09	3.45	1.840	1.809	1.81		
2500 ng/ml QC High	100550	122364	0.822	2556.592	102.26	101.63%	2.81%
	97165	120118	0.809	2517.108	100.68		
	104802	135334	0.774	2410.762	96.43		
	102722	123296	0.833	2591.729	103.67		
	100730	120046	0.839	2610.097	104.40		
	99598	121141	0.822	2557.940	102.32		
Mean	100928	123717	0.817	2540.705	101.63		
STD	2620.59	5831.42	0.023	71.288	2.85		
CV%	2.60	4.71	2.834	2.806	2.81		