**Table S6** Intra-day precision results of HPLC-based QAMS analytical method (n = 6).

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Analyte | Peak area | | | | | | Mean ± SD, n = 6 |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | 2258713 | 2241504 | 2222945 | 2240778 | 2234043 | 2278523 | 2246084±19704 |
| 2 | 1886310 | 1858802 | 1873065 | 1880480 | 1877684 | 1912626 | 1881495±17854 |
| 3 | 2449862 | 2465340 | 2431346 | 2447403 | 2445343 | 2501551 | 2456808±24459 |
| 4 | 2284906 | 2288491 | 2288112 | 2277338 | 2264068 | 2277622 | 2280090±9257 |
| 5 | 2553586 | 2546929 | 2506024 | 2520868 | 2555882 | 2568011 | 2541883±23531 |
| 6 | 2870952 | 2902863 | 2839746 | 2856392 | 2859293 | 2824057 | 2858884±27075 |