**SUPPLEMENTAL DATA**

**Table S3**: Recovery of QCs stored at freezer -80 °C compared to T = 0 (%)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Analyte | QC sample | T = 168 h | T = 1 m | T = 2 m | T = 3 m | T = 6 m | T = 12 m |
| Amoxicillin | LH | 98.993.8 | 101.495.3 | 94.394.8 | 98.295.8 | 100.995.5 | 102.2100.4 |
| Benzylpenicillin | LH | 97.593.3 | 101.899.0 | 107.3104.8 | 111.2109.0 | 108.799.8 | 115.2105.7 |
| Cefotaxime | LH | 110.2108.1 | 115.1115.5 | 105.3105.7 |  |  | 111.7110.0 |
| Ceftazidime | LH | 107.2109.0 | 119.0119.7 | 99.9105.2 |  | 103.1105.8 | 108.3109.1 |
| Ceftriaxone | LH | 107.4104.4 | 102.599.6 | 105.3106.4 | 104.2106.8 | 104.190.4 | 103.2113.1 |
| Cefuroxime | LH | 99.6101.0 | 106.6105.8 | 98.9100.6 |  |  | 107.5105.3 |
| Flucloxacillin | LH | 99.8100.1 | 98.995.8 | 106.4105.5 | 116.3113.0 | 117.3114.2 | 99.295.1 |
| Imipenem | LH |  | 109.4108.7 | 104.5100.6 |  | 105.1103.1 | 124.2116.1 |
| Meropenem | LH |  | 98.2100.7 | 98.098.4 |  | 112.4106.5 | 105.297.9 |
| Piperacillin | LH | 88.178.6 | 93.486.7 | 104.696.8 | 98.495.5 | 106.995.1 | 82.083.2 |