

| Sample Name | Fortified level (ppm) | Peak Area | ISTD Area | Response Ratio |
|-------------|-----------------------|-----------|-----------|----------------|
| LOQ1        | 0.1                   | 1189      | 62295     | 0.01908        |
| LOQ2        | 0.1                   | 1076      | 60806     | 0.01770        |
| LOQ3        | 0.1                   | 1075      | 62109     | 0.01730        |
| LOQ4        | 0.1                   | 1038      | 60238     | 0.01724        |
| LOQ5        | 0.1                   | 1123      | 62130     | 0.01807        |
| LOQ6        | 0.1                   | 1011      | 61940     | 0.01633        |
| LOQ7        | 0.1                   | 1108      | 59892     | 0.01850        |
| LOQ8        | 0.1                   | 1053      | 63294     | 0.01664        |
| LOQ9        | 0.1                   | 969       | 62022     | 0.01563        |
| LOQ10       | 0.1                   | 833       | 60469     | 0.01378        |
|             |                       |           |           |                |
|             |                       |           | $\delta$  | 0.00153        |
|             |                       |           | Slope     | 0.14690        |
|             |                       |           | LOD (ppm) | 0.03446        |
|             |                       |           | LOQ (ppm) | 0.10442        |