**Supplemental Data**

**Analytical methods: GC ECD method and GC MS method**

Table S1. Validation parameters of the calibration curve.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Method | Retention time [min] | Calibration range | Calibration equation  | R2 | LOQ |
| **GC ECD** | 19.734 | 1 – 50 µg/ml | y=31580x | 0.996 | 1.0 µg/L |
| **GC MS** | 11.211 | 0.5 - 10 µg/ml | y=1.778x | 0.99 | 1.3 µg/L |

Table S2. Validation parameters of the analytical method (RSD and recovery)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Method |  | RSD | Recovery | RSD | Recovery |
| GC ECD |  | Spiked samples at 30 µg/L | Spiked samples at 1 µg/L |
|  |  | 9.24-24.00% | 82-99% | 14.56-25.20% | 54-82% |
| GC MS |  | Spiked samples at 10 µg/L | Spiked samples at 4 µg/L |
| 3-17% | 90-124% | 4-13% | 90-124% |