Supplementary Table S2. LC-MS/MS method parameters and method performance results.

| **Mycotoxin** | **Retention time, minutes** | **MRM Transitions a** | | | **Recovery b %** | **Calibration curves c** | | **Limit of quantitation (LOQ) d, µg/kg** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Precursor ion, m/z** | **Product ion, m/z (Quantifier ion)** | **Product ion, m/z (Qualifier ion)** | **Concentration range of calibration curve, µg/kg** | **Calibration curve correlation coefficient, R2** |
| Aflatoxin B1 | 5.98 | 313.1 (M+H)+ | 285.1 | 241.1 | 87 | 1.25–80 | 0.996 | 2 |
| Aflatoxin B2 | 5.67 | 315.2 (M+H)+ | 287.2 | 259.1 | 90 | 1.25–80 | 0.992 | 2 |
| Aflatoxin G1 | 5.67 | 329.1 (M+H)+ | 243.1 | 283.1 | 93 | 1.25–80 | 0.990 | 2 |
| Aflatoxin G2 | 5.37 | 331 (M+H)+ | 245.1 | 257.1 | 90 | 1.25–80 | 0.983 | 5 |
| Deoxynivalenol | 0.87 | 297.2 (M+H)+ | 249.1 | 231.1 | 91 | 40–8000 | 0.998 | 100 |
| 15-Acetyl-deoxynivalenol | 4.15 | 339.2 (M+H)+ | 261.1 | 279.1 | 82 | 40–4000 | 0.994 | 100 |
| Diplodiatoxin | 7.74 | 309.40 (M+H)+ | 263.2 | 201.1 | 76 | 40-8000 | 0.995 | 50 |
| Fumonisin B1 | 6.32 | 722.4 (M+H)+ | 334.3 | 352.3 | 90 | 10–4000 | 0.995 | 20 |
| Fumonisin B2 | 7.09 | 706.4 (M+H)+ | 336.4 | 318.3 | 84 | 10–4016 | 0.996 | 20 |
| Fumonisin B3 | 6.78 | 706.4 (M+H)+ | 336.5 | 318.2 | 79 | 10–4048 | 0.997 | 20 |
| Ochratoxin A | 7.79 | 404.1 (M+H)+ | 239.1 | 358.1 | 69 | 1.25–80 | 0.997 | 2 |
| T2-Toxin | 7.43 | 484 (M+NH4)+ | 305 | 215 | 107 | 10–4000 | 0.991 | 20 |
| HT-2 toxin | 6.51 | 442 (M+NH4)+ | 263 | 215 | 119 | 10–4000 | 0.990 | 20 |
| Zearalenone | 7.73 | 319.2 (M+H)+ | 187.1 | 185.1 | 68 | 10–4000 | 0.991 | 20 |

a MRM transitions on tandem quadrupole mass spectrometer (Waters AcquityTQD) b Percentage recovery of spiked sample at 50 ug/kg measured in batch of samples. Mycotoxin results not corrected for % recovery. c Calibration curves of matrix-matched standards prepared and analysed with the samples. Curves compiled with at least six concentration levels. Linearity of the curves were confirmed with the calibration curve correlation coefficient, R2. d Limit of quantitation (LOQ) (determined when the method was validated) is the lowest concentration level that can be quantified with acceptable precision and accuracy by applying the complete analytical method [33].