

Supplementary material

Manuscript "Assessment of constructed wetlands potential for the removal of cyanobacteria and microcystins (MC-LR)

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Table S1. Multiple reaction monitoring (MRM) transitions and MS parameters for LC-MS/MS analysis.

Compound	Retention Time (min)	Mass Transition (m/z)	Cone Voltage (V)	Collision Energy (eV)
Microcystin-LR (MC-LR)	8.24	995.6 > 135 ^a	70	70
		995.6 > 70 ^b	70	80
		995.6 > 213 ^c	70	60
Sulfadimethoxine	7.94	311.2 > 156	30	20

^a Quantification ion. ^b Primary confirmatory ion. ^c Secondary confirmatory ion.

Table S2. Accuracy and precision results for MC-LR analysis by LC-MS/MS.

Matrix	Fortification Level (µg/L)	N	Individual Recoveries (%)	Average Recovery (%)	Repeatability (RSD _r , %)
Water	10	5	85, 92, 88, 96, 80	88	7.1
	100	5	92, 102, 90, 99, 101	97	5.6
Sediments	10	5	82, 92, 74, 90, 78	83	9.1
	100	5	91, 95, 82, 94, 99	92	6.9