S1 Fig. Schematic view of the sample preparation and analysis workflow.

1. 5 mL surface water
2. Filtration (GHP)
3. BMAA-d3 spiked
4. Buffers (borate, citrate) & FMOC-CI added
5. Derivatization (1h, 65°C, no light)
6. MeOH added (quenching)
7. Centrifugation and aliquoting
8. On-line SPE coupled to UHPLC-Orbitrap-MS