

Table S2. The calibration curve parameters and detection limits of nine UV filters.

Compound	Correlation Coefficient (r^2)	LOD $\mu\text{g}\cdot\text{L}^{-1}$	LOQ $\mu\text{g}\cdot\text{L}^{-1}$	Wavelength (nm)
BP-1	0.9998	0.023	0.067	280
BP-2	0.9993	0.020	0.061	280
BP-3	0.9993	0.024	0.070	280
4-MBC	0.9992	0.023	0.068	305
OCR	0.9984	0.026	0.052	305
EHMC	0.9986	0.022	0.065	305
EHS	0.9986	0.016	0.047	230
HMS	0.9984	0.018	0.064	230
BMDM	0.0998	0.017	0.052	360