Table S1

Regression data for BDE209 sorption using linear sorption isotherms

Heavy metals	Concentration (mg L^{-1})	K_d (L g^{-1})	R^2	Formula
Cd^{2+}	0	0.165 (0.011)	0.984	y=0.165(0.011)x-0.0002
	2	0.238 (0.032)	0.994	y=0.238(0.032)x-0.0001
	3	0.314 (0.027)	0.994	y=0.314 (0.027)x+0.0007
	5	0.539 (0.049)	0.999	y=0.539(0.049)x-0.00017
	10	0.623 (0.051)	0.995	y=0.623(0.051)x-0.0009
Pb^{2+}	0	0.165 (0.011)	0.984	y=0.165(0.011)x-0.0002
	2	0.274 (0.027)	0.998	y=0.274(0.027)x-0.0007
	3	0.301 (0.011)	0.996	y=0.301(0.011)x+0.0002
	5	0.533 (0.021)	0.998	y=0.533(0.021)x-0.0021
	10	0.637 (0.062)	0.994	y=0.637(0.062)x-0.0013
Cu^{2+}	0	0.165 (0.011)	0.984	y=0.165(0.011)x-0.0002
	2	0.205 (0.012)	0.970	y=0.205(0.012)x-0.0012
	3	0.268 (0.021)	0.962	y=0.268(0.021)x-0.0019
	5	0.318 (0.017)	0.986	y=0.318(0.017)x-0.0014
	10	0.466 (0.019)	0.977	y=0.466(0.019)x-0.0024

K_d is the partition coefficient and R^2 is the simulated correlation constants for BDE209 sorption by linear equation. Standard deviation was shown in bracket.