

## Supporting Information

**Table S1.** Measured concentrations of  $^{65}\text{Cu}$  ( $\mu\text{g L}^{-1}$ ) in the exposure seawater of different humic acid used in the accumulation experiment.

Nominal $^{65}\text{Cu}$ concentration = $15 \mu\text{g L}^{-1}$				
Time (h)	Humic acid ( $\text{mg L}^{-1}$ )			
	0	5	10	20
0	13.3	11.8	11.7	11.2
3	8.6	10.0	9.1	8.9
6	7.4	8.7	7.9	8.9
9	6.9	8.4	7.5	7.2
12	5.9	7.3	6.5	6.7

Nominal $^{65}\text{Cu}$ concentration = $150 \mu\text{g L}^{-1}$				
Time (h)	Humic acid ( $\text{mg L}^{-1}$ )			
	0	5	10	20
0	136	146	143	134
3	125	113	128	123
6	148	109	110	110
9	94	86	97	107
12	84	80	91	104

Nominal $^{65}\text{Cu}$ concentration = $300 \mu\text{g L}^{-1}$				
Time (h)	Humic acid ( $\text{mg L}^{-1}$ )			
	0	5	10	20
0	268	257	241	260
3	224	216	203	223
6	201	197	182	202
9	197	169	161	186
12	178	141	149	171