Supplementary Information

Sources, sinks, and cycling of dissolved organic copper binding ligands in the ocean

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Supplementary Table 1

Dissolved organic carbon (DOC) and ligand data (L_1) from which the ligand vs DOC relationship was derived for calculating the global riverine flux of copper-binding ligands to the oceans.

[DOC] µM	[L_1] nmol L^{-1}	[L_1]/[DOC] mmol Cu mol C^{-1}	Reference
163	3.36	0.021	Muller and Batchelli (2013)
84	1.8	0.021	Muller and Batchelli (2013)
80.6	1.75	0.022	Muller and Batchelli (2013)
78.6	0.81	0.010	Muller and Batchelli (2013)
676.5	3.63	0.005	Muller and Batchelli (2013)
312.9	1.51	0.005	Muller and Batchelli (2013)
268.9	0.8	0.003	Muller and Batchelli (2013)
114.5	0.7	0.006	Muller and Batchelli (2013)
		0.490	Hoffman et al. 2007
		0.960	Hoffman et al. 2007
		0.390	Hoffman et al. 2007
		0.890	Hoffman et al. 2007
202	11	0.054	Shank et al (2004)
564	120	0.213	Shank et al (2004)
783	176	0.225	Shank et al (2004)
248	16	0.065	Shank et al (2004)
518	105	0.203	Shank et al (2004)
762	155	0.203	Shank et al (2004)
214	24	0.112	Shank et al (2004)
416	53	0.127	Shank et al (2004)
700	114	0.163	Shank et al (2004)
867	160	0.185	Shank et al (2004)
352	36	0.102	Shank et al (2004)
648	110	0.170	Shank et al (2004)
976	229	0.235	Shank et al (2004)
242	12	0.050	Shank et al (2004)
526	69	0.131	Shank et al (2004)
782	178	0.228	Shank et al (2004)
278	20	0.072	Shank et al (2004)