

Table S2. Concentrations of 14 coplanar PCBs and six PBDE congeners in the chemosynthetic bivalves

Year		dl*	1989			1998			2010			2019								
Species			Phreagena spp.												B. japonicus			B. septemdierum		
Shell Length (mm)			97.2	88.8	85.1	111	108.8	107.1	108.8	99.6	100.9	96.2	95.5	91.0	89.4	85.1	83.6	84.7	82.6	85.8
Lipid (%)			1.4	1.2	1.7	1.4	0.7	1.2	1.9	2.9	1.5	1.8	2.5	1.9	1.4	1.9	1.1	2.9	2.9	4.9
Co-PCBs (ng/g lw)	3,3',4,4'-TeCB (#77)	0.05	0.14	0.15	0.15	0.09	0.16	0.17	0.09	0.07	0.06	0.11	0.06	0.08	0.21	0.19	0.24	nd	nd	nd
	3,4,4',5-TeCB (#81)	0.05	nd**	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.10	0.09	0.13	nd	0.06	nd
	3,3',4,4',5-PeCB (#126)	0.04	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	3,3',4,4',5,5'-HxCB (#169)	0.08	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	2,3,3',4,4'-PeCB (#105)	0.04	0.59	0.87	0.81	0.65	0.80	0.85	0.40	0.34	0.33	0.54	0.37	0.41	2.3	3.2	2.1	0.44	1.2	0.29
	2,3,4,4',5-PeCB (#114)	0.04	0.06	0.06	0.05	0.04	0.07	0.04	nd	nd	nd	nd	nd	nd	0.10	0.21	0.10	nd	0.07	nd
	2,3',4,4',5-PeCB (#118)	0.04	1.9	2.2	1.8	2.0	2.8	2.2	1.0	0.88	1.1	1.5	1.1	1.3	5.7	5.2	5.0	1.6	4.2	1.1
	2',3,4,4',5-PeCB (#123)	0.04	0.06	0.05	0.05	0.06	0.09	0.05	nd	nd	nd	nd	nd	nd	0.14	0.12	0.11	nd	0.07	nd
	2,3,3',4,4',5-HxCB (#156)	0.08	0.19	0.22	0.18	0.24	0.33	0.22	nd	nd	0.10	0.11	0.09	0.10	nd	nd	0.09	nd	nd	nd
	2,3,3',4,4',5'-HxCB (#157)	0.08	nd	nd	nd	nd	0.10	nd	nd	nd	nd	nd	nd	nd	0.22	0.16	0.23	nd	0.16	nd
	2,3',4,4',5,5'-HxCB (#167)	0.08	0.11	0.12	0.10	0.15	0.23	0.14	nd	nd	nd	nd	nd	nd	0.37	0.30	0.34	nd	0.25	nd
	2,3,3',4,4',5,5'-HpCB (#189)	0.06	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	2,2',3,3',4,4',5-HpCB (#170)	0.06	0.36	0.36	0.35	0.43	0.62	0.45	0.15	0.15	0.14	0.16	0.13	0.15	0.66	0.56	0.70	0.18	0.54	0.10
2,2',3,4,4',5,5'-HpCB (#180)	0.06	1.2	1.0	0.90	1.5	1.9	1.2	0.42	0.40	0.47	0.50	0.42	0.50	2.4	2.0	2.4	0.62	2.0	0.35	
ΣCo-PCBs†			4.6	5.0	4.4	5.2	7.1	5.3	2.1	1.8	2.2	2.9	2.2	2.5	12	12	11	2.8	8.6	1.8
PBDEs (ng/g lw)	2,2',4,4'-TeBDE (#47)	0.2	0.3	0.2	0.2	nd	0.4	0.3	nd	nd	nd	nd	nd	nd	0.2	nd	0.2	nd	0.3	nd
	2,2',4,4',5-PeBDE (#99)	0.2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	2,2',4,4',5,5'-HxBDE (#153)	0.3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	2,2',4,4',5,6'-HxBDE (#154)	0.3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	2,2',3,4,4',5',6-HpBDE (#183+ +2,2',3,3',4,5',6-HpBDE #175)	0.5	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd

* Detection limit

** Not detected

† Total amount of coplanar PCBs