

Supplementary Materials: Atmospheric Bulk Deposition of Polychlorinated Dibenzo-*p*-Dioxins, Dibenzofurans and Polychlorinated Biphenyls in Finland

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Table S1. Linear regression equations between different congeners to predict numerical results for the congeners with analytical results below LOQ (predicted % from analyse result).

	Surrogate	b	R ²	Predicted	n	ka	Min	Max
Pallas 1.	OCDF	608	0.932	2378TCDD	1	88.41		
Pallas 2.	TCDFs	1516	0.7613	23478PeCDF	3	37.54	14.09	81.92
Pallas 3.	TCDFs	672	0.6274	12378PeCDF	1	50.72		
Pallas 4.	OCDF	3069	0.8459	123478HxCDF	2	33.06	24.44	41.68
Pallas 5.	OCDF	2289	0.0387	123678HxCDF	1	47.15		
Pallas 6.	HpCDDs	282	0.8339	123478HxCDD	1	18.84		
Pallas 7.	HpCDDs	1353	0.6193	123678HxCDD	no	no	no	no
Pallas 8.	OCDF	1237	0.636	123789HxCDD	1	85.19		
Pallas 9.	OCDF	1782	0.8821	1234789HpCDF	1	215.75		
Pallas 10.	TCDFs	691	0.4083	2378TCDF	no	no	no	no
Pallas 11.	TCDFs	1796	0.8474	234678HxCDF	2	66.13	16.73	115.52
Pallas 12.	1234678HpCDD	2011	0.9043	12378PeCDD	no	no	no	no
Pallas 13.	TCDDs	166	0.5064	123789HxCDF	no	no	no	no
Utö 1.	TCDFs	295	0.975	123789HxCDF	no	no	no	no
Utö 2.	HpCDDs	929	0.7361	123789HxCDD	2	30.32	16.29	44.36
Utö 3.	1234678HpCDD	2516	0.6698	1234789HpCDF	5	73.77	32.91	106.87
	same ass:							
Utö 4.	Pallas 1.				no	no	no	no
Utö 5.	Pallas 3.				4	70.66	59.07	87.36
Utö 6.	Pallas 12.				3	70.54	18.94	157.41
Utö 7.	Pallas 6.				4	68.75	33.03	129.63
Evo 1.	Pallas 1.				1	61.45		
Evo 2.	Pallas 12.				8	119.68	14.91	219.93
Evo 3.	Pallas 13.				2	35.56	10.96	60.16
Evo 4.	Pallas 6.				5	13.08	4.65	24.76
Pallas 1.	PCB 126	2827	0.1282	PCB 169	5	144.28	268.87	8.37
Utö 1.	PCB 77	485	0.496	PCB 126	8	40.16	70.26	8.96
	same ass:							
Utö 2.	Pallas 1.				3	61.58	126.16	24.61
Evo 1.	Pallas 1.				7	38.68	79	3.4
Evo 2.	Utö 1.				14	55.13	77.38	23.41

The regression coefficients (b) and R-square in linear regression (through the origin) model of PCDD/Fs and PCBs concentrations in EVO to results under the detection limits in Pallas, Evo and Utö surrogate and predicted congenere.