

## **Cover Page for Supporting Information**

**Manuscript title:** POLYBROMINATED DIPHENYL ETHERS AND OTHER PERSISTENT ORGANIC POLLUTANTS IN SERUM POOLS FROM THE NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY: 2001 – 2002

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**Table S1.** Number of NHANES 2001/02 serum pools created and number of subjects per pool by race/ethnicity, age group and sex.

Race/Ethnicity	Age (Years)	Number of serum pools (Subjects per pool)	
		Females	Males
<b>Mexican American (MA)</b>	3-5	2 (21)	2 (21)
	6-11	2 (57)	2 (57)
	12-19	4 (34)	3 (34)
	20-39	2 (34)	2 (34) <sup>1</sup>
	40-59	1 (34)	1 (34)
	≥60	1 (34)	1 (34)
<b>Non-Hispanic Black (NHB)</b>	3-5	2 (21)	2 (21)
	6-11	2 (57)	2 (57)
	12-19	3 (34)	3 (34)
	20-39	1 (34)	1 (34)
	40-59	1 (34)	1 (34)
	≥60	1 (34)	1 (31)
<b>Non-Hispanic White (NHW)</b>	3-5	2 (21)	2 (21)
	6-11	2 (57)	2 (57)
	12-19	3 (34)	3 (34)
	20-39	4 (34)	3 (34)
	40-59	3 (34)	3 (34)
	≥60	4 (34)	4 (34)

<sup>1</sup> One of the pools in this group contained 33 samples

**Table S2.** Unweighted arithmetic mean concentration (ng/g lipid) with 95% confidence interval of select persistent organic pollutants in pooled serum samples from the National Health and Nutrition Examination Survey (NHANES) for the years 2001/02.

Analyte	Age Group (Years) / Unweighted arithmetic Mean $\pm$ 95% Confidence Interval					
	3-5	6-11	12-19	20-39	40-59	$\geq 60$
<b><i>Brominated Flame Retardants (BFRs)</i></b>						
PBDE47	215.9 $\pm$ 29.9	87.7 $\pm$ 11.1	63.9 $\pm$ 10.9	63.2 $\pm$ 15.3	44.0 $\pm$ 5.9	72.4 $\pm$ 26.8
PBDE99	57.3 $\pm$ 9.0	25.7 $\pm$ 3.0	17.5 $\pm$ 3.5	18.2 $\pm$ 5.2	11.2 $\pm$ 2.1	19.7 $\pm$ 10.5
PBDE100	37.5 $\pm$ 3.8	18.2 $\pm$ 2.1	11.7 $\pm$ 2.0	12.4 $\pm$ 3.4	8.3 $\pm$ 1.2	14.0 $\pm$ 5.1
PBDE153	27.2 $\pm$ 3.2	22.2 $\pm$ 3.0	14.6 $\pm$ 3.0	17.0 $\pm$ 4.7	11.1 $\pm$ 2.2	14.8 $\pm$ 5.5
PBB153	0.9 $\pm$ 0.4	1.3 $\pm$ 0.5	1.4 $\pm$ 0.3	2.7 $\pm$ 0.6	5.3 $\pm$ 1.8	7.6 $\pm$ 4.3
<b><i>Polychlorinated Biphenyls (PCBs)</i></b>						
PCB74	3.3 $\pm$ 0.9	1.9 $\pm$ 0.3	1.9 $\pm$ 0.3	3.3 $\pm$ 0.7	8.0 $\pm$ 1.9	18.2 $\pm$ 3.3
PCB99	2.5 $\pm$ 0.6	1.8 $\pm$ 0.3	1.8 $\pm$ 0.3	3.1 $\pm$ 0.7	6.6 $\pm$ 1.4	11.9 $\pm$ 2.0
PCB138-158	6.0 $\pm$ 1.5	6.1 $\pm$ 1.1	5.5 $\pm$ 0.9	11.0 $\pm$ 2.0	28.5 $\pm$ 6.9	49.6 $\pm$ 7.9
PCB146	1.1 $\pm$ 0.4	0.6 $\pm$ 0.1	0.9 $\pm$ 0.2	1.9 $\pm$ 0.5	5.2 $\pm$ 1.4	9.9 $\pm$ 2.0
PCB153	10.1 $\pm$ 2.9	6.6 $\pm$ 1.4	8.1 $\pm$ 1.4	16.5 $\pm$ 3.3	44.5 $\pm$ 9.9	80.9 $\pm$ 13.4
PCB170	2.3 $\pm$ 0.6	1.6 $\pm$ 0.4	1.7 $\pm$ 0.2	4.3 $\pm$ 0.9	12.1 $\pm$ 2.3	21.5 $\pm$ 3.0
PCB180	5.3 $\pm$ 1.5	4.1 $\pm$ 1.0	4.6 $\pm$ 0.7	11.9 $\pm$ 2.8	35.2 $\pm$ 7.5	65.9 $\pm$ 10.0
PCB187	1.8 $\pm$ 0.5	1.3 $\pm$ 0.3	1.6 $\pm$ 0.4	3.8 $\pm$ 1.0	10.1 $\pm$ 2.5	19.9 $\pm$ 4.4
PCB194	0.9 $\pm$ 0.2	0.8 $\pm$ 0.2	0.8 $\pm$ 0.2	2.4 $\pm$ 0.6	8.2 $\pm$ 2.1	15.6 $\pm$ 2.5
PCB196-203	0.8 $\pm$ 0.2	0.9 $\pm$ 0.2	1.0 $\pm$ 0.2	2.5 $\pm$ 0.5	7.4 $\pm$ 1.5	14.5 $\pm$ 1.9
<b><i>Persistent Pesticides</i></b>						
HCB	12.9 $\pm$ 2.6	9.2 $\pm$ 1.2	10.6 $\pm$ 1.7	11.7 $\pm$ 2.2	14.7 $\pm$ 2.7	20.2 $\pm$ 3.3
PP-DDE	486.0 $\pm$ 429.9	234.8 $\pm$ 131.3	251.4 $\pm$ 117.5	526.7 $\pm$ 361.0	698.5 $\pm$ 395.5	1126.4 $\pm$ 378.6