

SUPPLEMENTARY MATERIAL

Persistent Organic Pollutants (POPs) on Fine and Coarse Atmospheric Particles Measured at Two (Urban and Industrial) Sites

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Content

- Table S1. Concentrations of PCBs in PM_{2.5} at the industrial site (pg m⁻³)
- Table S2. Concentrations of PCBs in PM₁₀ at the industrial site (pg m⁻³)
- Table S3. Concentrations of PCBs in PM_{2.5} at the urban site (pg m⁻³)
- Table S4. Concentrations of PCBs in PM₁₀ at the urban site (pg m⁻³)
- Table S5. Concentrations of OCPs in PM_{2.5} at the industrial site (pg m⁻³)
- Table S6. Concentrations of OCPs in PM₁₀ at the industrial site (pg m⁻³)
- Table S7. Concentrations of OCPs in PM_{2.5} at the urban site (pg m⁻³)
- Table S8. Concentrations of OCPs in PM₁₀ at the urban site (pg m⁻³)
- Table S9. Concentrations of PAHs in PM_{2.5} at the industrial site (ng m⁻³)
- Table S10. Concentrations of PAHs in PM₁₀ at the industrial site (ng m⁻³)
- Table S11. Concentrations of PAHs in PM_{2.5} at the urban site (ng m⁻³)
- Table S12. Concentrations of PAHs in PM₁₀ at the urban site (ng m⁻³)
- Table S13. Concentrations of PBDEs in PM_{2.5} at the industrial site (pg m⁻³)
- Table S14. Concentrations of PBDEs in PM₁₀ at the industrial site (pg m⁻³)
- Table S15. Concentrations of PBDEs in PM_{2.5} at the urban site (pg m⁻³)
- Table S16. Concentrations of PBDEs in PM₁₀ at the urban site (pg m⁻³)

Table S1. Concentrations of PCBs in PM_{2.5} at the industrial site (pg m⁻³)

	Minimum	Maximum	Median	Geometric Mean	Average	Standard Deviation	N
PCB-18	2.3	21.3	9.7	7.7	9.3	5.1	17
PCB-17	0.5	8.8	2.8	2.6	3.2	2.0	17
PCB-31	3.2	25.9	11.7	11.2	12.6	5.9	16
PCB-28	4.6	42.6	11.8	11.6	13.8	9.5	16
PCB-33	2.8	16.7	6.0	5.4	6.1	3.5	13
PCB-52	4.5	18.1	8.3	8.7	9.2	3.3	17
PCB-49	1.9	15.3	5.6	5.4	6.4	3.7	17
PCB-74	9.7	16.2	10.2	11.7	12.0	3.6	3
PCB-70	10.9	21.3	13.0	13.7	14.0	3.4	7
PCB-95	2.3	8.8	3.1	3.9	4.4	2.2	16
PCB-101	2.8	19.9	6.7	6.6	8.4	5.6	16
PCB-99	3.2	6.5	4.6	4.4	4.5	1.0	9
PCB-87	2.3	12.5	6.0	5.5	6.2	3.1	16
PCB-110	6.9	24.1	11.5	13.0	13.9	5.4	14
PCB-82	4.2	15.3	8.3	8.1	9.3	5.6	3
PCB-151	2.8	4.2	3.7	3.5	3.5	0.7	3
PCB-149	3.7	18.1	5.6	6.8	7.8	4.5	16
PCB-118	8.3	35.6	13.4	14.5	16.2	8.7	16
PCB-153	2.8	39.4	9.7	9.2	12.2	10.3	13
PCB-132	5.6	16.2	8.3	9.2	9.8	3.9	9
PCB-105	3.2	30.6	7.6	7.7	9.5	7.9	10
PCB-138	5.0	63.9	14.8	15.6	21.7	20.2	8
PCB-158	5.1	30.6	17.8	12.5	17.8	18.0	3
PCB-187	0.5	15.7	6.0	5.1	7.4	5.4	7
PCB-183	3.2	7.4	3.7	4.6	4.9	2.1	5
PCB-180	3.2	42.6	9.3	9.3	13.5	13.3	12
Σ ₂₆ PCBs	44.4	438.4	128.7	132.5	168.3	120.5	17

Table S2. Concentrations of PCBs in PM₁₀ at the industrial site (pg m⁻³)

	Minimum	Maximum	Median	Geometric Mean	Average	Standard Deviation	N
PCB-18	2.3	37.1	13.8	12.7	14.6	7.5	17
PCB-17	0.9	9.6	4.2	3.8	4.6	2.5	17
PCB-31	3.2	36.7	19.6	18.0	19.9	7.7	17
PCB-28	4.6	62.1	18.3	18.4	21.6	13.0	17
PCB-33	2.8	28.8	6.9	7.3	8.4	5.8	17
PCB-52	7.4	28.8	13.3	12.9	13.7	5.2	17
PCB-49	3.8	21.7	7.9	8.2	9.1	4.5	17
PCB-74	15.0	16.2	15.0	15.4	15.4	0.7	3
PCB-70	4.2	32.1	19.4	13.6	16.0	8.4	12
PCB-95	2.5	15.0	6.3	6.1	6.9	3.5	17
PCB-101	2.8	30.0	8.8	9.3	12.2	8.8	17
PCB-99	1.7	10.0	7.3	6.3	7.0	2.6	10
PCB-87	2.9	26.3	11.3	10.4	12.4	7.0	17
PCB-110	5.4	40.8	17.0	17.2	20.3	11.4	15
PCB-82	4.2	20.8	16.3	11.2	13.8	8.6	3
PCB-151	2.1	6.7	4.1	3.8	4.2	2.2	4
PCB-149	3.7	35.4	10.7	10.3	12.4	8.3	17
PCB-118	8.3	42.9	18.3	19.3	22.3	12.1	17
PCB-153	2.8	65.4	12.2	10.1	16.2	16.8	16
PCB-132	2.1	24.6	11.9	11.4	13.4	6.7	10
PCB-105	2.5	48.3	11.3	9.9	13.7	12.8	11
PCB-138	8.8	109.2	20.4	24.0	33.9	33.1	9
PCB-158	13.3	32.9	23.1	20.9	23.1	13.8	3
PCB-187	0.5	20.8	5.8	5.3	8.0	6.7	10
PCB-183	2.9	10.8	3.7	4.8	5.6	3.6	7
PCB-180	2.5	64.2	13.8	12.7	19.7	19.3	13
Σ ₂₆ PCBs	63.9	705.6	219.4	218.8	272.2	185.4	17

Table S3. Concentrations of PCBs in PM_{2.5} at the urban site (pg m⁻³)

	Minimum	Maximum	Median	Geometric Mean	Average	Standard Deviation	N
PCB-18	4.2	19.9	12.7	10.4	11.8	5.5	16
PCB-17	1.4	7.4	5.6	4.3	4.7	1.7	16
PCB-31	2.8	19.0	10.4	9.4	10.3	4.1	16
PCB-28	2.3	17.1	9.1	7.9	9.0	4.1	16
PCB-33	2.8	11.1	3.8	4.1	4.7	3.2	6
PCB-52	0.9	13.7	6.0	5.8	6.7	3.3	15
PCB-49	0.5	8.3	5.6	3.7	4.8	2.5	15
PCB-74	Nd	Nd	Nd	Nd	Nd	Nd	Nd
PCB-70	Nd	Nd	Nd	Nd	Nd	Nd	Nd
PCB-95	1.4	5.4	2.3	2.4	2.5	1.0	13
PCB-101	2.3	11.8	4.6	4.3	5.1	3.9	5
PCB-99	2.3	6.9	5.1	4.3	4.8	2.3	3
PCB-87	1.4	6.0	3.5	3.3	3.5	1.3	16
PCB-110	4.6	21.1	6.5	7.1	7.7	4.5	11
PCB-82	4.7	11.8	7.9	7.6	8.0	2.9	4
PCB-151	Nd	Nd	Nd	Nd	Nd	Nd	Nd
PCB-149	2.8	10.3	5.6	5.3	5.7	2.2	14
PCB-118	6.0	22.5	9.6	9.8	10.5	4.5	12
PCB-153	3.8	9.8	5.6	5.8	6.1	2.3	5
PCB-132	3.7	8.3	4.7	5.2	5.6	2.4	3
PCB-105	3.7	7.4	4.7	5.0	5.2	1.9	3
PCB-138	12.3	14.4	13.3	13.3	13.3	1.5	3
PCB-158	Nd	Nd	Nd	Nd	Nd	Nd	Nd
PCB-187	Nd	Nd	Nd	Nd	Nd	Nd	Nd
PCB-183	Nd	Nd	Nd	Nd	Nd	Nd	Nd
PCB-180	3.8	6.4	4.6	4.9	5.0	1.1	5
Σ ₂₆ PCBs	48.1	202.9	78.0	78.7	83.8	35.8	16

Nd: not detected

Table S4. Concentrations of PCBs in PM₁₀ at the urban site (pg m⁻³)

	Minimum	Maximum	Median	Geometric Mean	Average	Standard Deviation	N
PCB-18	7.1	32.9	24.7	19.3	21.4	8.6	16
PCB-17	2.1	11.3	9.5	7.6	8.3	2.8	16
PCB-31	4.6	45.4	22.9	18.5	21.9	11.5	16
PCB-28	4.2	50.4	21.7	17.2	21.1	12.9	16
PCB-33	2.5	39.2	5.6	5.8	8.2	10.1	12
PCB-52	4.2	21.1	11.7	11.3	12.0	4.0	16
PCB-49	1.3	16.3	9.0	7.2	8.3	3.7	16
PCB-74	Nd	Nd	Nd	Nd	Nd	Nd	Nd
PCB-70	Nd	Nd	Nd	Nd	Nd	Nd	Nd
PCB-95	1.7	7.0	3.8	3.8	4.0	1.4	16
PCB-101	2.1	11.8	6.3	5.7	6.3	2.7	9
PCB-99	2.3	7.9	6.9	5.0	5.7	3.0	3
PCB-87	3.8	9.6	6.5	6.4	6.6	1.7	16
PCB-110	4.2	30.4	6.5	7.3	8.6	6.9	13
PCB-82	4.7	11.8	7.9	7.6	8.0	2.9	4
PCB-151	Nd	Nd	Nd	Nd	Nd	Nd	Nd
PCB-149	3.7	15.9	8.8	8.1	8.9	3.7	15
PCB-118	4.6	22.5	15.4	12.8	14.1	5.6	15
PCB-153	3.8	10.8	6.0	6.7	7.2	3.0	5
PCB-132	3.7	8.3	4.7	5.2	5.6	2.4	3
PCB-105	3.7	7.4	4.7	5.0	5.2	1.9	3
PCB-138	12.3	14.4	13.3	13.3	13.3	1.5	3
PCB-158	Nd	Nd	Nd	Nd	Nd	Nd	Nd
PCB-187	Nd	Nd	Nd	Nd	Nd	Nd	Nd
PCB-183	Nd	Nd	Nd	Nd	Nd	Nd	Nd
PCB-180	4.2	6.4	5.6	5.3	5.4	0.9	5
Σ ₂₆ PCBs	95.6	290.5	139.5	146.7	152.9	49.6	16

Nd: not detected

Table S5. Concentrations of OCPs in PM_{2.5} at the industrial site (pg m⁻³)

	Minimum	Maximum	Median	Geometric Mean	Average	Standard Deviation	N
<i>α</i> -HCH	0.5	1.5	0.9	1.0	1.0	0.2	16
<i>γ</i> -HCH	0.9	2.3	1.4	1.4	1.5	0.5	17
CHLPYR	1.7	52.7	21.4	15.6	22.2	15.8	16
HEPEPOX	0.9	2.3	1.9	1.5	1.6	0.6	7
ESLF I	0.6	3.8	1.5	1.3	1.5	0.8	17
p,p'-DDE	0.3	16.1	6.3	4.5	6.5	4.7	17
ESLF II	0.2	2.5	1.2	0.9	1.2	0.7	17
ESLF SUL	0.5	1.4	0.5	0.7	0.7	0.3	17
p,p'-DDT	2.1	43.8	18.8	12.8	17.2	11.5	17

α,γ-Hexachlorocyclohexane isomers (*α,γ*-HCH), chlorpyrifos (CHLPYR), heptachlor epoxide (HEP EPOX), endosulfan I (ESLF I), endosulfan II (ESLF II), endosulfan sulfate (ESULFATE), p,p'-dichlorodiphenyltrichloroethane (p,p'-DDT),, p,p'-dichlorodiphenyldichloroethylene (p,p'-DDE)

Table S6. Concentrations of OCPs in PM₁₀ at the industrial site (pg m⁻³)

	Minimum	Maximum	Median	Geometric Mean	Average	Standard Deviation	N
<i>α</i> -HCH	0.5	2.1	1.3	1.3	1.4	0.4	16
<i>γ</i> -HCH	1.3	4.2	2.1	2.2	2.3	0.7	17
CHLPYR	4.4	81.0	25.6	23.0	31.3	24.3	17
HEPEPOX	0.9	4.6	2.1	2.0	2.3	1.3	7
ESLF I	1.0	4.0	2.0	1.9	2.1	0.8	17
p,p'-DDE	3.5	26.0	7.7	8.4	9.5	5.6	17
ESLF II	0.8	5.0	2.1	1.8	2.0	1.0	17
ESLF SUL	0.5	1.7	0.8	1.0	1.1	0.3	17
p,p'-DDT	2.1	48.3	22.5	16.4	21.2	12.4	17

α,γ-Hexachlorocyclohexane isomers (*α,γ*-HCH), chlorpyrifos (CHLPYR), heptachlor epoxide (HEP EPOX), endosulfan I (ESLF I), endosulfan II (ESLF II), endosulfan sulfate (ESULFATE), p,p'-dichlorodiphenyltrichloroethane (p,p'-DDT),, p,p'-dichlorodiphenyldichloroethylene (p,p'-DDE)

Table S7. Concentrations of OCPs in PM_{2.5} at the urban site (pg m⁻³)

	Minimum	Maximum	Median	Geometric Mean	Average	Standard Deviation	N
α -HCH	0.5	2.3	1.2	1.1	1.3	0.6	16
γ -HCH	0.5	2.8	1.9	1.6	1.9	0.8	16
CHLPYR	0.8	38.1	17.0	12.4	16.0	9.0	16
HEPEPOX	0.5	2.5	1.4	1.3	1.4	0.7	11
ESLF I	0.6	3.4	2.2	1.8	2.1	0.9	16
p,p'-DDE	1.7	16.1	12.4	8.7	10.7	5.3	15
ESLF II	0.2	2.5	1.2	1.0	1.1	0.6	16
ESLF SUL	0.5	0.9	0.5	0.5	0.5	0.2	16
p,p'-DDT	0.7	16.0	8.6	7.3	8.9	4.5	16

α,γ -Hexachlorocyclohexane isomers (α,γ -HCH), chlorpyrifos (CHLPYR), heptachlor epoxide (HEP EPOX), endosulfan I (ESLF I), endosulfan II (ESLF II), endosulfan sulfate (ESULFATE), p,p'-dichlorodiphenyltrichloroethane (p,p'-DDT),, p,p'-dichlorodiphenyldichloroethylene (p,p'-DDE)

Table S8. Concentrations of OCPs in PM₁₀ at the urban site (pg m⁻³)

	Minimum	Maximum	Median	Geometric Mean	Average	Standard Deviation	N
α -HCH	1.4	3.7	2.1	2.1	2.2	0.7	16
γ -HCH	1.9	5.1	3.3	3.2	3.3	0.9	16
CHLPYR	8.1	59.5	33.6	31.6	35.4	15.4	16
HEPEPOX	0.9	3.7	1.4	1.5	1.7	0.8	15
ESLF I	1.2	5.8	3.7	3.3	3.5	1.2	16
p,p'-DDE	2.2	27.5	17.1	13.9	16.0	6.9	16
ESLF II	0.5	4.2	2.3	2.1	2.3	0.8	16
ESLF SUL	0.9	1.9	0.9	1.2	1.3	0.4	16
p,p'-DDT	4.6	47.2	26.9	21.4	25.3	12.8	16

α,γ -Hexachlorocyclohexane isomers (α,γ -HCH), chlorpyrifos (CHLPYR), heptachlor epoxide (HEP EPOX), endosulfan I (ESLF I), endosulfan II (ESLF II), endosulfan sulfate (ESULFATE), p,p'-dichlorodiphenyltrichloroethane (p,p'-DDT),, p,p'-dichlorodiphenyldichloroethylene (p,p'-DDE)

Table S9. Concentrations of PAHs in PM_{2.5} at the industrial site (ng m⁻³)

	Minimum	Maximum	Median	Geometric Mean	Average	Standard Deviation	N
ACY	0.002	0.1	0.1	0.04	0.1	0.04	17
ACT	0.002	0.1	0.04	0.03	0.04	0.03	16
FLN	0.004	0.3	0.1	0.1	0.1	0.1	17
PHE	0.03	1.1	0.5	0.3	0.5	0.3	17
ANT	0.02	0.2	0.1	0.1	0.1	0.0	17
CRB	0.01	0.04	0.02	0.02	0.03	0.01	17
FL	0.3	1.9	0.7	0.7	0.8	0.5	17
PY	0.3	2.4	0.7	0.8	0.9	0.6	17
BaA	0.1	3.9	1.2	0.7	1.3	1.2	17
CHR	0.2	7.8	2.6	1.8	2.9	2.4	17
BbF	0.2	5.0	2.3	1.6	2.2	1.5	17
BkF	0.2	4.5	2.2	1.4	2.1	1.4	17
BaP	0.1	3.7	1.9	1.2	1.6	1.1	17
IcdP	0.2	2.8	1.7	1.2	1.6	0.9	17
DahA	0.05	1.0	0.6	0.4	0.5	0.3	17
BghiP	0.2	3.3	2.0	1.4	1.8	1.0	17
Σ ₁₆ PAHs	2.4	34.9	18.0	12.3	16.5	10.8	17

acenaphthylene (ACY), acenaphthene (ACT), fluorene (FLN), phenanthrene (PHE), anthracene (ANT), carbazole (CRB), fluoranthene (FL), pyrene (PY), benz[a]anthracene (BaA), chrysene (CHR), benzo[b]fluoranthene (BbF), benzo[k]fluoranthene (BkF), benzo[a]pyrene (BaP), indeno[1,2,3-*cd*]pyrene (IcdP), dibenzo[a,h]anthracene (DahA), benzo[*g,h,i*]perylene (BghiP)

Table S10. Concentrations of PAHs in PM₁₀ at the industrial site (ng m⁻³)

	Minimum	Maximum	Median	Geometric Mean	Average	Standard Deviation	N
ACY	0.02	0.2	0.1	0.1	0.1	0.05	17
ACT	0.02	0.2	0.1	0.1	0.1	0.03	17
FLN	0.1	0.5	0.2	0.2	0.2	0.1	17
PHE	0.2	1.7	0.7	0.6	0.7	0.3	17
ANT	0.03	0.2	0.2	0.1	0.1	0.1	17
CRB	0.01	0.1	0.04	0.04	0.04	0.03	17
FL	0.3	2.2	0.9	0.9	1.0	0.5	17
PY	0.4	2.6	0.9	0.9	1.1	0.6	17
BaA	0.1	4.1	1.2	0.9	1.5	1.3	17
CHR	0.4	9.7	2.7	2.2	3.4	2.8	17
BbF	0.3	6.2	2.5	2.0	2.6	1.7	17
BkF	0.2	5.5	2.3	1.6	2.3	1.6	17
BaP	0.1	4.0	2.0	1.3	1.8	1.2	17
IcdP	0.2	3.5	1.8	1.3	1.8	1.1	17
DahA	0.1	1.3	0.6	0.4	0.6	0.4	17
BghiP	0.2	4.1	2.1	1.6	2.0	1.2	17
Σ ₁₆ PAHs	3.5	43.0	19.8	14.9	19.4	12.5	17

acenaphthylene (ACY), acenaphthene (ACT), fluorene (FLN), phenanthrene (PHE), anthracene (ANT), carbazole (CRB), fluoranthene (FL), pyrene (PY), benz[a]anthracene (BaA), chrysene (CHR), benzo[b]fluoranthene (BbF), benzo[k]fluoranthene (BkF), benzo[a]pyrene (BaP), indeno[1,2,3-*cd*]pyrene (IcdP), dibenzo[a,h]anthracene (DahA), benzo[*g,h,i*]perylene (BghiP)

Table S11. Concentrations of PAHs in PM_{2.5} at the urban site (ng m⁻³)

	Minimum	Maximum	Median	Geometric Mean	Average	Standard Deviation	N
ACY	0.01	0.1	0.1	0.04	0.1	0.02	16
ACT	0.01	0.1	0.1	0.05	0.1	0.02	15
FLN	0.01	0.2	0.2	0.1	0.1	0.1	16
PHE	0.1	0.7	0.5	0.4	0.5	0.2	16
ANT	0.02	0.1	0.1	0.05	0.05	0.01	16
CRB	0.01	0.02	0.01	0.01	0.01	0.004	16
FL	0.3	0.6	0.4	0.4	0.4	0.1	16
PY	0.3	0.6	0.4	0.4	0.4	0.1	16
BaA	0.2	0.7	0.3	0.3	0.4	0.2	16
CHR	0.7	1.9	0.9	1.0	1.1	0.4	16
BbF	0.6	2.0	0.9	1.0	1.1	0.4	16
BkF	0.5	1.7	0.8	0.9	0.9	0.4	16
BaP	0.3	1.8	0.6	0.7	0.8	0.4	16
IcdP	0.5	1.7	0.8	0.8	0.9	0.4	16
DahA	0.1	0.5	0.2	0.2	0.3	0.1	16
BghiP	0.6	2.4	1.1	1.2	1.3	0.6	16
Σ ₁₆ PAHs	4.6	14.3	7.4	7.8	8.3	3.1	16

acenaphthylene (ACY), acenaphthene (ACT), fluorene (FLN), phenanthrene (PHE), anthracene (ANT), carbazole (CRB), fluoranthene (FL), pyrene (PY), benz[*a*]anthracene (BaA), chrysene (CHR), benzo[*b*]fluoranthene (BbF), benzo[*k*]fluoranthene (BkF), benzo[*a*]pyrene (BaP), indeno[1,2,3-*cd*]pyrene (IcdP), dibenzo[*a,h*]anthracene (DahA), benzo[*g,h,i*]perylene (BghiP)

Table S12. Concentrations of PAHs in PM₁₀ at the urban site (ng m⁻³)

	Minimum	Maximum	Median	Geometric Mean	Average	Standard Deviation	N
ACY	0.01	0.1	0.1	0.1	0.1	0.04	16
ACT	0.01	0.2	0.1	0.1	0.09	0.04	15
FLN	0.01	0.4	0.3	0.2	0.2	0.1	16
PHE	0.1	1.0	0.9	0.6	0.7	0.3	16
ANT	0.03	0.2	0.1	0.1	0.1	0.03	16
CRB	0.01	0.2	0.03	0.03	0.03	0.04	16
FL	0.4	0.7	0.5	0.5	0.5	0.1	16
PY	0.4	0.8	0.5	0.5	0.5	0.1	16
BaA	0.2	0.7	0.3	0.4	0.4	0.2	16
CHR	0.8	2.0	1.0	1.2	1.2	0.4	16
BbF	0.8	2.1	1.0	1.1	1.2	0.4	16
BkF	0.5	1.7	0.8	0.9	1.0	0.4	16
BaP	0.4	1.8	0.6	0.7	0.8	0.4	16
IcdP	0.5	1.7	0.8	0.9	1.0	0.4	16
DahA	0.1	0.5	0.2	0.3	0.3	0.1	16
BghiP	0.7	2.5	1.1	1.2	1.3	0.6	16
Σ ₁₆ PAHs	5.3	15.5	8.1	9.0	9.4	3.1	16

acenaphthylene (ACY), acenaphthene (ACT), fluorene (FLN), phenanthrene (PHE), anthracene (ANT), carbazole (CRB), fluoranthene (FL), pyrene (PY), benz[*a*]anthracene (BaA), chrysene (CHR), benzo[*b*]fluoranthene (BbF), benzo[*k*]fluoranthene (BkF), benzo[*a*]pyrene (BaP), indeno[1,2,3-*cd*]pyrene (IcdP), dibenzo[*a,h*]anthracene (DahA), benzo[*g,h,i*]perylene (BghiP)

Table S13. Concentrations of PBDEs in PM_{2.5} at the industrial site (pg m⁻³)

	Minimum	Maximum	Median	Geometric Mean	Average	Standard Deviation	N
PBDE 28	0.2	3.2	1.9	1.5	1.8	0.9	17
PBDE 47	2.3	43.3	7.2	8.0	10.7	10.2	17
PBDE 100	0.5	10.0	2.2	1.8	2.8	2.8	16
PBDE 99	1.4	57.2	9.3	7.2	13.0	15.2	17
PBDE 154	0.5	12.0	1.6	1.8	3.1	3.4	17
PBDE 153	0.7	15.3	3.0	2.9	4.6	4.6	17
PBDE 209	10.0	281.9	78.9	57.7	80.6	65.9	17
Σ ₇ PBDEs	17.1	342.6	120.6	86.5	116.4	85.3	17

Table S14. Concentrations of PBDEs in PM₁₀ at the industrial site (pg m⁻³)

	Minimum	Maximum	Median	Geometric Mean	Average	Standard Deviation	N
PBDE 28	1.3	5.0	2.7	2.7	2.9	1.1	17
PBDE 47	8.3	64.2	17.9	17.9	21.5	15.2	17
PBDE 100	0.6	14.6	3.5	3.0	4.5	4.3	17
PBDE 99	3.5	75.4	16.5	14.7	22.3	21.1	17
PBDE 154	1.3	17.3	3.3	3.4	5.0	4.9	17
PBDE 153	1.5	22.7	5.2	5.2	7.6	6.8	17
PBDE 209	16.0	1004.4	111.9	84.8	142.4	226.8	17
Σ ₇ PBDEs	50.2	1110.2	163.5	145.2	206.3	245.8	17

Table S15. Concentrations of PBDEs in PM_{2.5} at the urban site (pg m⁻³)

	Minimum	Maximum	Median	Geometric Mean	Average	Standard Deviation	N
PBDE 28	0.2	1.9	1.5	1.2	1.3	0.5	16
PBDE 47	0.7	7.1	4.6	4.1	4.5	1.7	16
PBDE 100	0.2	1.5	1.2	0.9	1.0	0.3	15
PBDE 99	1.4	7.1	4.4	3.9	4.1	1.4	16
PBDE 154	0.5	1.6	1.2	1.1	1.1	0.3	16
PBDE 153	0.5	3.0	2.4	2.0	2.2	0.8	16
PBDE 209	6.9	252.9	49.1	48.5	65.9	63.2	16
Σ ₇ PBDEs	13.4	274.3	66.0	64.7	80.1	63.8	16

Table S16. Concentrations of PBDEs in PM₁₀ at the urban site (pg m⁻³)

	Minimum	Maximum	Median	Geometric Mean	Average	Standard Deviation	N
PBDE 28	0.4	3.3	2.4	2.1	2.3	0.7	16
PBDE 47	2.1	11.0	8.5	7.3	7.8	2.4	16
PBDE 100	0.4	2.6	1.8	1.5	1.6	0.6	16
PBDE 99	2.5	10.6	7.3	6.3	6.7	2.1	16
PBDE 154	1.0	2.3	1.7	1.7	1.7	0.3	16
PBDE 153	1.5	4.8	4.1	3.4	3.6	1.1	16
PBDE 209	27.3	421.4	81.4	90.2	108.4	90.0	16
Σ ₇ PBDEs	44.8	455.3	110.4	116.0	132.2	91.8	16