

Supporting Materials

Table S1 Eight kinds of PBDEs determined at e-waste recycling sites.

No.	Name	Abbreviation	CAS RN
1	2,4,4'-Tribromodiphenyl Ether	BDE-28	41318-75-6
2	2,2',4,4'-Tetrabromodiphenyl Ether	BDE-47	5436-43-1
3	2,2',4,4',5-Pentabromodiphenyl Ether	BDE-99	60348-60-9
4	2,2',4,4',6-Pentabromodiphenyl Ether	BDE-100	189084-64-8
5	2,2',4,4',5,5'-Hexabromodiphenyl Ether	BDE-153	68631-49-2
6	2,2',4,4',5,6'-Hexabromodiphenyl Ether	BDE-154	207122-15-4
7	2,2',3,4,4',5',6-Heptabromodiphenyl Ether	BDE-183	207122-16-5
8	Decabromodiphenyl Ether	BDE-209	1163-19-5

Table S2 Seventeen kinds of PCDD/Fs determined at e-waste recycling sites.

No.	Name	Abbreviation	CAS RN
1	1,2,3,7,8-Pentachlorodibenzofuran	TCDF	51207-31-9
2	2,3,4,7,8-Pentachlorodibenzofuran	1,2,3,7,8-PeCDF	57117-41-6
3	1,2,3,4,7,8-Hexachlorodibenzofuran	2,3,4,7,8-PeCDF	57117-31-4
4	1,2,3,6,7,8- Hexachlorodibenzofuran	1,2,3,4,7,8-HxCDF	70648-26-9
5	2,3,4,6,7,8- Hexachlorodibenzofuran	1,2,3,6,7,8-HxCDF	57117-44-9
6	1,2,3,7,8,9- Hexachlorodibenzofuran	2,3,4,6,7,8-HxCDF	60851-34-5
7	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1,2,3,7,8,9-HxCDF	72918-21-9
8	1,2,3,4,7,8,9- Heptachlorodibenzofuran	1,2,3,4,6,7,8-HpCDF	67562-39-4
9	Octachlorodibenzofuran	1,2,3,4,7,8,9-HpCDF	55673-89-7
10	2,3,7,8-Tetrachlorodibenzo-p-dioxin	OCDF	39001-02-0
11	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2,3,7,8-TCDD	1746-01-6
12	1,2,3,4,7,8-Hexachlorodibenzo- p-dioxin	1,2,3,7,8-PeCDD	40321-76-4
13	1,2,3,6,7,8- Hexachlorodibenzo- p-dioxin	1,2,3,4,7,8-HxCDD	39227-28-6
14	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1,2,3,6,7,8-HxCDD	109719-81-5
15	1,2,3,4,6,7,8- Hexachlorodibenzo-p-dioxin	1,2,3,7,8,9-HxCDD	19408-74-3
16	Octachlorodibenzo-p-dioxin	1,2,3,4,6,7,8-HpCDD	109719-83-7
17	1,2,3,7,8-Pentachlorodibenzofuran	OCDD	3268-87-9

Table S3 The reference doses used in this study for Pb, Cu, Cd, PBDEs and PCDD/Fs.

No.	Name	RfD (mg/kg/day)
1	Pb	0.00015
2	Cu	0.003
3	Cd	0.0005
4	BDE-47	0.0001
5	BDE-99	0.0001
6	BDE-153	0.002
7	BDE-209	0.007
8	PCDD/Fs	7×10^{-10}