Supplementary Data for

Sources and Distribution of Hexabromocyclododecanes (HBCDs)

in Japanese river Sediment

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Tables

Table S1 Inflow, geographic parameters and chemical parameters

Table S2 Particulate size distribution in river sediments
### Table S1 Inflow, geographic parameters and chemical parameters

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>R. Tsurumi</th>
<th>R. Yodo</th>
<th>R. Kuzuryu</th>
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</thead>
<tbody>
<tr>
<td>Population</td>
<td>person</td>
<td>1.8.E+06</td>
<td>1.1.E+07</td>
<td>6.6.E+05</td>
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<tr>
<td>Industrial Output</td>
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<tr>
<td>production quantity of dyeing and finishing processes of fabrics&lt;sup&gt;a&lt;/sup&gt;</td>
<td>m&lt;sup&gt;2&lt;/sup&gt;</td>
<td>n.a.</td>
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<td>production quantity of polystyrene&lt;sup&gt;a&lt;/sup&gt;</td>
<td>ton</td>
<td>n.a.</td>
<td>1.3.E+04</td>
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<td>total surface area&lt;sup&gt;b&lt;/sup&gt;</td>
<td>km&lt;sup&gt;2&lt;/sup&gt;</td>
<td>235</td>
<td>8240</td>
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<tr>
<td>surface covered by water</td>
<td>%</td>
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<tr>
<td>average air height</td>
<td>km</td>
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<tr>
<td>average water depth&lt;sup&gt;c&lt;/sup&gt;</td>
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<td>HBCD emission rate into water</td>
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<tr>
<td>municipal wastewater</td>
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<td>textile wastewater</td>
<td>kg/year/m&lt;sup&gt;2&lt;/sup&gt;-fabric</td>
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<td>2000</td>
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<td>organic carbon in sediment&lt;sup&gt;c&lt;/sup&gt;</td>
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<td>molar Mass</td>
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n.a.: not available  
<sup>a</sup>: The data of R. Yodo represents as the data of Osaka prefecture.  
The data of R. Kuzuryu represents as the data of Fuku prefecture.  
<sup>b</sup>: Ministry of Land, Infrastructure, Transport and Tourism;  
<sup>c</sup>: average data measured at each of the studied Japanese rivers
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