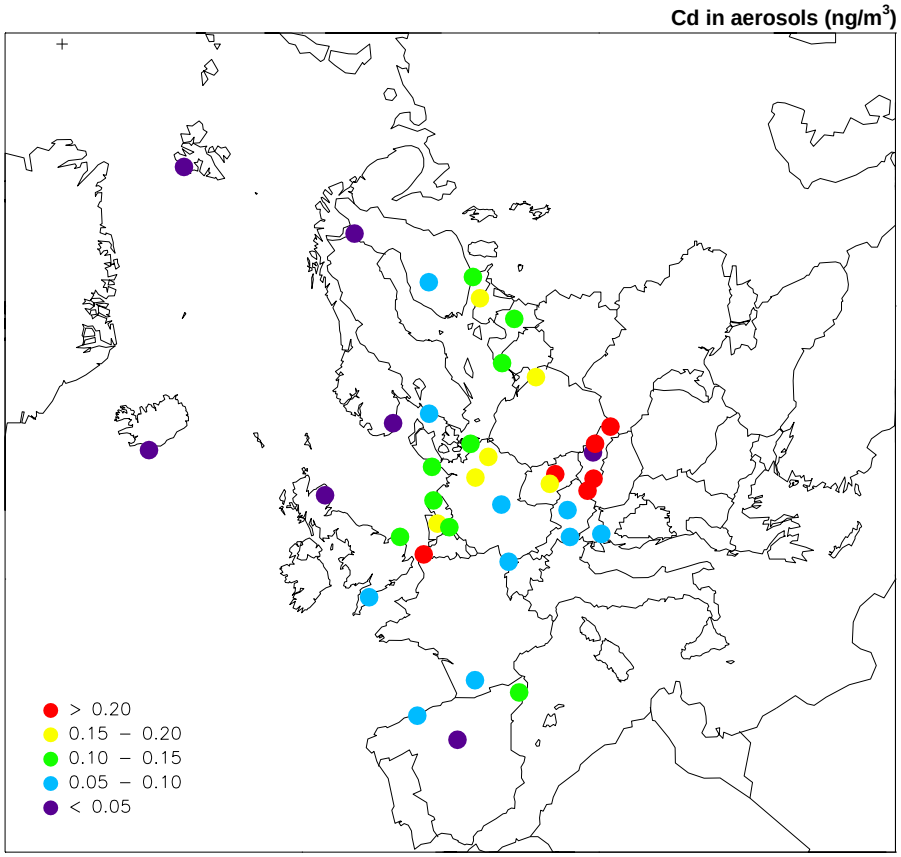
EMEP/CCC-Report 3/2009

EMEP Co-operative Programme for Monitoring and Evaluation of the Long-Range Transmission of Air Pollutants in Europe

# Heavy metals and POP measurements, 2007

Wenche Aas and Knut Breivik

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## 1. Introduction

Heavy metals and persistent organic pollutants (POPs) were included in EMEP's monitoring program in 1999. However, earlier data has been available and collected, and the EMEP database thus also includes older data, even back to 1988 for a few sites. A number of countries have been reporting heavy metals and POPs within the EMEP area in connection with different national and international programmes such as HELCOM, AMAP and OSPARCOM.

During the seventh phase of EMEP (EB.AIR/GE.1/1998/8) it was recommended that the future works under the Convention should concentrate on eight priority elements: lead (Pb), mercury (Hg), cadmium (Cd), chromium (Cr), nickel (Ni), zinc (Zn), copper (Cu) and arsenic (As). Particular attention should be paid to the first three elements.

The strategic long-term plans on POPs (EB.AIR/GE.1/1997/8) recommended to take a stepwise approach, and the following compounds or groups of compounds should be included in the first step: polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), HCB, chlordane, lindane, $\alpha$-HCH, DDT/DDE.

These recommendations for heavy metals and POPs are implemented in the EMEP monitoring strategy and measurement program for 2004–2009 (EB.AIR/GE.1/2004/5).

So far, thirteen reports have been published (EMEP/CCC-Reports 8/96, 9/97, 7/98, 7/99, 2/2000, 9/2001, 9/2002, 1/2003, 7/2004, 9/2005, 7/2006, 6/2007, 4/2008) which present data on heavy metals and POPs from national and international measurement programmes for the period 1987 to 2006. In this report data from 2007 are presented. All these data are also available from the EMEP's homepage, http://www.nilu.no/projects/ccc/emepdata.html and direct access through the database at http://ebas.nilu.no/.

## 2. Measurement programme

The site codes used in this report are the codes used for data submission and storage in the EMEP database, or codes used in the AMAP, OSPARCOM or HELCOM programmes. The codes consist of the two-letter ISO code for the countries, a four-digit number and a letter indicating the type of station, regional (R) or global (G).

### 2.1 Monitoring sites for heavy metals

The locations of the measurement sites, which have delivered data on heavy metals for 2007, are found in Figure 1 and Table 1. The sites are divided in those measuring both concentrations in air and in precipitation, and those measuring only one of them. In 2007, there were 29 sites measuring heavy metals in both air and precipitation, and altogether there were 66 measurement sites. This is the

same number as in 2006, There was 22 sites measuring at least one form of mercury (Figure 2), which is an increase of 6 sites from the previous year. However, from Figure 1 and Figure 2 one can see that the spatial reduction in east and southern Europe is still unsatisfactory, especially for mercury, though the situation is improving. It is further on, few sites measuring both in air and precipitation. The EMEP monitoring strategy for 2004-2009 (EB.AIR/GE.1/2004/5) and the EUs daughter directive on heavy metals and PAH (EU, 2004) will expectantly improve this situation. It is already seen that a few countries have started measuring heavy metals (Cyprus, France, Italy and Hungary) since 2003. A problem is that some countries have campaign measurements but not long term commitments for monitoring of heavy metals.

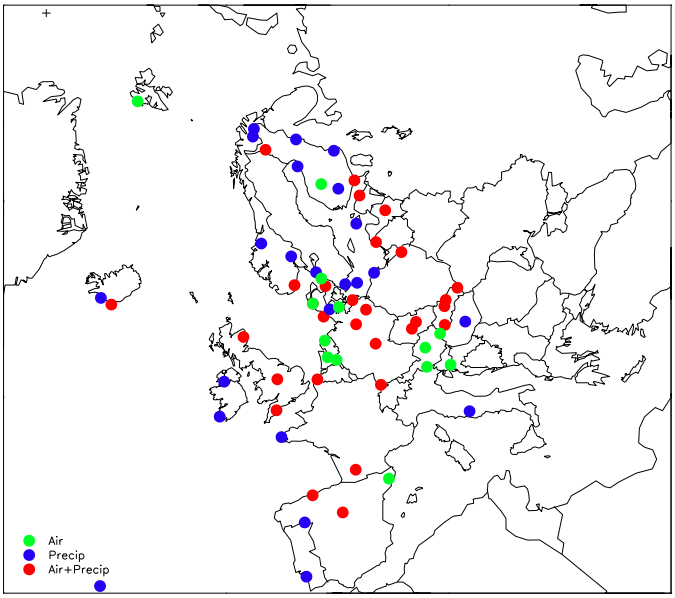


*Figure 1: Measurement network of heavy metals (+ Cyprus outside the map area), 2007.*

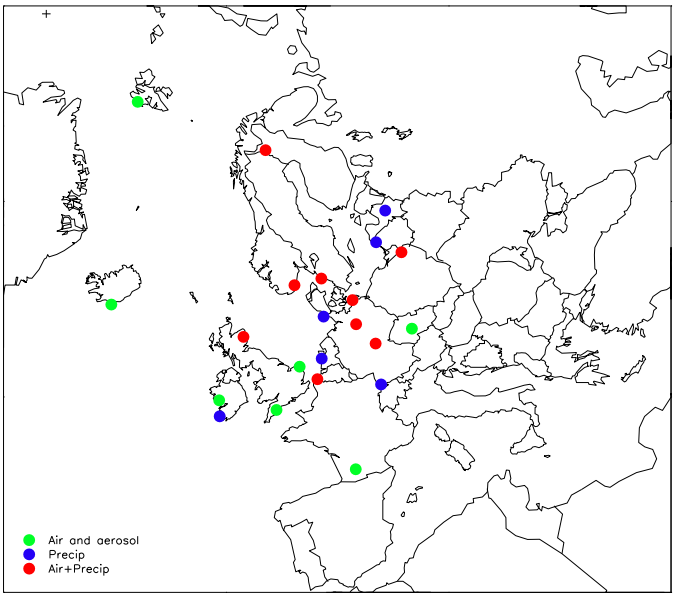


*Figure 2: Measurement network of mercury, 2007.*

*Table 1: Monitoring stations and the sampling program of heavy metals, 2007.*

| Country | Code | Station name | Latitude | | | | Longitude | | | | hosl | Metals in air | Metals in precip |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Austria | AT0002R | Illmitz | 47 | 46 | 0 | N | 16 | 46 | 0 | E | 117 | Cd, Pb, Ni, As | |
| | AT0005R | Vorhegg | 46 | 40 | 40 | N | 12 | 58 | 20 | E | 1020 | Cd, Pb, Ni, As | |
| | AT0048 | Zoebelboden | 47 | 50 | 19 | N | 14 | 26 | 29 | E | 899 | Cd, Pb, Ni, As | |
| Belgium | BE0014 | Koksijde | 54 | 7 | 12 | N | 2 | 39 | 35 | E | 7 | Cd,Cu,Ni,Pb,Zn,Hg | As,Cd,Cr,Cu,Hg,Ni,Pb |
| Cypros | CY0002R | Ayia Marina | 35 | 2 | 20 | N | 33 | 3 | 29 | E | 532 | Cd,Pb,Ni,As,Hg | |
| Czech Republic | CZ0001R | Svratouch | 49 | 44 | 0 | N | 16 | 2 | 0 | E | 737 | As,Cd,Cu,Mn,Ni,Pb | Cd,Fe,Ni,Pb |
| | CZ0003R | Košetice | 49 | 35 | 0 | N | 15 | 5 | 0 | E | 534 | As,Cd,Cu,Hg, Mn,Ni,Pb | Cd,Fe,Ni,Pb |
| Germany | DE0001R | Westerland | 54 | 55 | 32 | N | 8 | 18 | 35 | E | 12 | As,Cd,Cu,Co,Fe,Pb, Mn,Ni,Sb,V | As,Cd,Cu,Cr,Co,Fe,Hg,Pb, Mn,Ni,Se,Sb,Tl,V,Zn |
| | DE0002R | Langenbrügge | 52 | 48 | 8 | N | 10 | 45 | 34 | E | 74 | As,Cd,Cu,Co,Fe,Hg,Pb, Mn,Ni,Sb,V,Zn | As,Cd,Cu,Cr,Co,Fe,Hg,Pb, Mn,Ni,Se,Sb,V,Zn |
| | DE0003R | Schauinsland | 47 | 54 | 53 | N | 7 | 54 | 31 | E | 1205 | As,Cd,Cu,Co,Fe,Pb, Ni,Sb,V,Zn | As,Cd,Cu,Cr,Co,Fe,Hg,Pb, Mn,Ni,Se,Sb,Tl,V,Zn |
| | DE0007R | Neuglobsow | 53 | 10 | 0 | N | 13 | 2 | 0 | E | 65 | As,Cd,Cu,Co,Fe,Pb, Mn,Ni,Sb,V,Zn | As,Cd,Cu,Cr,Co,Fe,Pb, Mn,Ni,Se,Sb,Tl,V,Zn |
| | DE0008R | Schmücke | 50 | 39 | 0 | N | 10 | 46 | 0 | E | 937 | As,Cd,Cu,Co,Fe,Hg,Pb, Mn,Ni,Sb,V | As,Cd,Cu,Cr,Co,Fe,Hg,Pb, Mn,Ni,Se,Sb,Tl,V,Zn |
| | DE0009R | Zingst | 54 | 26 | 0 | N | 12 | 44 | 0 | E | 1 | As,Cd,Cu,Co,Hg,Fe,Pb, Mn,Ni,Sb,V,Zn | As,Cd,Cu,Cr,Co,Fe,Hg,Pb, Mn,Ni,Se,Sb,Tl,V,Zn |
| Denmark | DK0003R | Tange | 56 | 21 | 0 | N | 9 | 36 | 0 | E | 13 | As,Cr,Cu,Fe,Pb,Mn,Ni,Zn | |
| | DK0005R | Keldsnor | 54 | 44 | 0 | N | 10 | 44 | 0 | E | 1 | As,Cr,Cu,Fe,Pb,Mn,Ni,Zn | |
| | DK0008R | Anholt | 56 | 43 | 0 | N | 11 | 31 | 0 | E | 40 | As,Cr,Cu,Fe,Pb,Mn,Ni,Zn | As,Cd,Cr,Cu,Pb,Ni,Zn |
| | DK0020R | Pedersker | 55 | 1 | 1 | N | 14 | 56 | 45 | E | 5 | | As,Cd,Cr,Cu,Pb,Ni,Zn |
| | DK0022R | Sepstrup Sande | 55 | 5 | 0 | N | 9 | 36 | 0 | E | 60 | | As,Cd,Cr,Cu,Pb,Ni,Zn |
| | DK0031R | Ulborg | 56 | 17 | 0 | N | 8 | 26 | 0 | E | 10 | As,Cd,Cr,Cu,Fe,Pb,Mn,Ni,Zn | As,Cd,Cr,Cu,Pb,Ni,Zn |
| Estonia | EE0009R | Lahemaa | 59 | 30 | 0 | N | 25 | 54 | 0 | E | 32 | As,Cd,Pb,Ni | As,Cd,Cu,Pb,Zn |
| | EE0011R | Vilsandy | 58 | 23 | 0 | N | 21 | 49 | 0 | E | 6 | | Cd,Cu,Pb,Zn |
| Spain | ES0008R | Niembro | 43 | 26 | 22 | N | 4 | 51 | 1 | W | 134 | As,Cd,Cr,Cu,Pb,Ni,Zn | As,Cd,Cu,Cr,Pb,Ni,Zn |
| | ES0009R | Campisabalos | 41 | 16 | 27 | N | 3 | 8 | 34 | W | 1360 | As,Cd,Cr,Cu,Pb,Ni,Zn | As,Cd,Cr,Cu,Pb,Ni,Zn |
| | ES1778R | Montseny | 41 | 46 | 0 | N | 2 | 21 | 0 | E | 720 | As,Cd,Cr,Co,Cu,Fe,Pb,Mn,Ni,V,Zn,Sr,U, Th,Ti,Sb,Sn,Rb,La,Ce,Ba,Se,Tl | |
| Finland | FI0008R | Kevo | 69 | 45 | 0 | N | 27 | 0 | 0 | E | 80 | | Al,As,Cd,Cr,Cu,Fe,Pb,Mn,Ni,V,Zn |
| | FI0017R | Virolahti II | 60 | 31 | 36 | N | 27 | 41 | 10 | E | 8 | As,Cd,Cr,Co,Cu,Fe,Pb,Mn,Ni,V,Zn | Al,As,Cd,Cr,Cu,Fe,Pb,Mn,Ni,V,Zn |
| | FI0022R | Oulanka | 66 | 19 | 13 | N | 29 | 24 | 6 | E | 310 | | Al,As,Cd,Cr,Cu,Fe,Pb,Mn,Ni,V,Zn |
| | FI0036R | Matarova | 68 | 0 | 0 | N | 24 | 14 | 23 | E | 340 | As,Cd,Cr,Co,Cu,Fe,Pb,Mn,Ni,V,Zn | Al,As,Cd,Cr,Cu,Fe,Pb,Mn,Ni,V,Zn |
| | FI0037R | Ähtäri II | 62 | 35 | 0 | N | 24 | 11 | 0 | E | 180 | As,Cd,Cr,Co,Cu,Fe,Pb,Mn,Ni,V,Zn | |
| | FI0053R | Hailuoto II | 65 | 0 | 0 | N | 24 | 41 | 39 | E | 4 | | Al,As,Cd,Cr,Cu,Fe,Pb,Mn,Ni,V,Zn |
| | FI0092R | Hietajarvi | 63 | 10 | 0 | N | 30 | 43 | 0 | E | 173 | | Al,As,Cd,Cr,Cu,Fe,Pb,Mn,Ni,V,Zn |
| | FI0093R | Kotinen | 61 | 13 | 48 | N | 25 | 4 | 0 | E | 158 | | Al,As,Cd,Cr,Cu,Fe,Pb,Mn,Ni,V,Zn |
| | FI0096R | Pallas | 67 | 58 | 0 | N | 24 | 7 | 0 | E | 566 | Hg | Hg |
| France | FR0013 | Peyrusse Vieille | 43 | 37 | 0 | N | 0 | 11 | 0 | E | 20 | As,Cd,Cr,Cu,Hg,Pb,Ni;Zn | As,Cd,Cu,Cr,Ni,Pb,Zn |
| | FR0090 | Porspoder | 48 | 31 | 0 | N | 4 | 45 | 0 | W | 50 | | As,Cd,Cu,Cr,Ni,Pb,Zn |

*Table 1, cont.*

| Country | Code | Station name | Latitude | | | | Longitude | | | | hosl | Metals in air | Metals in precip |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Great Britain | GB0006R | Lough Navar | 54 | 26 | 35 | N | 7 | 52 | 12 | W | 126 | | As,Cd,Cr,Cu,Pb,Ni,Zn |
| | GB0013R | Yarner Wood | 50 | 35 | 47 | N | 3 | 42 | 47 | W | 11 | As,Cd,Cr,Cu,Hg,Pb,Ni,Zn | As,Cd,Cr,Cu,Pb,Ni,Zn |
| | GB0017R | Heigham Holmes | 54 | 45 | 14 | N | 1 | 38 | 22 | W | 267 | As,Cd,Cr,Cu,Hg,Pb,Ni,Zn | As,Cd,Cr,Cu,Pb,Ni,Zn |
| | GB0091R | Banchory | 57 | 5 | 0 | N | 2 | 32 | 0 | W | 120 | As,Cd,Cr,Cu,Hg,Pb,Ni,Zn | As,Cd,Cr,Cu,Hg,Pb,Ni,Zn |
| Hungary | HU0002R | K-puszta | 46 | 58 | 0 | N | 19 | 35 | 0 | E | 125 | | Pb, Cd |
| Ireland | IE0001R | Valentina Obs. | 51 | 56 | 23 | N | 10 | 14 | 40 | W | 11 | | Al,As,Cd,Cr,Cu,Pb,Mn,Hg,Ni,V,Zn |
| | IE0031R | Mace head | 53 | 10 | 0 | N | 9 | 30 | 0 | W | 15 | Hg | |
| Iceland | IS0090R | Reykjavik | 64 | 8 | 0 | N | 21 | 54 | 0 | W | 52 | | Al,As,Cd,Cr,Cu,Fe,Pb,Mn,Ni,V,Zn |
| | IS0091R | Storhofdi | 63 | 24 | 0 | N | 20 | 17 | 0 | W | 118 | Al,As,Cd,Cr,Cu,Fe,Pb,Mn,Hg, Ni,V,Zn | Al,As,Cd,Cr,Cu,Fe,Pb,Mn,Ni,V,Zn |
| Italy | IT0001R | Montelibretti | 42 | 6 | 0 | N | 12 | 38 | 0 | E | 48 | | Cd,Cu,Pb,Zn |
| Latvia | LV0010R | Rucava | 56 | 9 | 44 | N | 21 | 10 | 23 | E | 18 | As,Cd,Cu,Cr,Ni,Mn,Zn,Pb | As,Cd,Cr,Cu,Hg,Pb,Mn,Ni,Zn |
| | LV0016R | Zoseni | 57 | 8 | 7 | N | 25 | 54 | 20 | E | 182 | As,Cd,Cu,Cr,Ni,Mn,Zn,Pb | As,Cd,Cr,Cu,Hg,Pb,Mn,Ni,Zn |
| Netherlands | NL0008R | Bilthoven | 52 | 7 | 0 | N | 5 | 12 | 0 | E | 5 | As,Cd,Pb,Ni,Zn | |
| | NL0009R | Kollumerwaard | 53 | 20 | 2 | N | 6 | 16 | 38 | E | 1 | As,Cd,Pb,Ni,Zn | |
| | NL0091R | De Zilk | 52 | 18 | 0 | N | 4 | 30 | 0 | E | 4 | As,Cd,Pb,Ni,Zn | Hg |
| Norway | NO0001R | Birkenes | 58 | 23 | 0 | N | 8 | 15 | 0 | E | 190 | As,Cd,Cr,Co,Cu,Pb,Hg,Ni,V,Zn | As,Cd,Cr,Co,Cu,Pb,Hg,Ni,V,Zn |
| | NO0039R | Kårvatn | 62 | 47 | 0 | N | 8 | 53 | 0 | E | 210 | | Cd,Pb,Zn |
| | NO0042G | Zeppelin | 78 | 54 | 0 | N | 11 | 53 | 0 | E | 474 | As,Cd,Cr,Co,Cu,Pb,Mn,Hg,Ni,V,Zn | |
| | NO0055R | Karasjok | 69 | 28 | 0 | N | 25 | 13 | 0 | E | 333 | | Cd,Pb,Zn |
| | NO0056R | Hurdal | 60 | 22 | 0 | N | 11 | 4 | 0 | E | 300 | | Cd,Pb,Zn |
| Poland | PL0004R | Leba | 54 | 45 | 13 | N | 17 | 32 | 5 | E | 2 | | Cd,Cr,Cu,Pb,Ni,Zn |
| | PL0005R | Diabla Gora | 54 | 9 | 0 | N | 22 | 4 | 0 | E | 157 | As,Cd,Cr,Cu,Pb,Hg,Ni,Zn | As,Cd,Cr,Cu,Pb,Hg,Ni,Zn |
| Portugal | PT0001R | Braganca | 41 | 48 | 0 | N | 6 | 43 | 58 | W | 690 | | Cd,Cu,Pb,Mn,Ni |
| | PT0003R | Viana do Castelo/Chafe | 41 | 39 | 0 | N | 8 | 48 | 0 | W | 48 | | Cd,Cu,Pb,Mn,Ni,Zn (5 month) |
| | PT0004R | Monte Velho | 38 | 5 | 0 | N | 8 | 48 | 0 | W | 43 | | Cd,Cu,Pb,Mn,Ni |
| | PT0010R | Angra do Heroismo | 38 | 40 | 0 | N | 27 | 13 | 0 | W | 74 | | Cd,Cu,Pb,Mn,Ni,Zn |
| | SE0014R | Råö | 57 | 23 | 0 | N | 11 | 53 | 0 | E | 10 | As,Cd,Pb,Hg,Ni | Hg |
| | SE0051R | Arup | 55 | 45 | 0 | N | 13 | 40 | 0 | E | 157 | | As,Cd,Cr,Co,Cu,Pb,Mn,Ni,V,Zn |
| | SE0097R | Gårdsjön | 58 | 3 | 0 | N | 12 | 1 | 0 | E | 126 | | As,Cd,Cr,Co,Cu,Pb,Mn,Ni,V,Zn |
| Slovenia | SI0008R | Iskrba | 45 | 34 | 0 | N | 14 | 52 | 0 | E | 520 | As,Cd,Pb,Ni | |
| Slovakia | SK0002R | Chopok | 48 | 56 | 0 | N | 19 | 35 | 0 | E | 2008 | As,Cd,Cr,Cu,Pb,Ni,Zn | As,Cd,Cr,Cu,Pb,Ni,Zn |
| | SK0004R | Stará Lesná | 49 | 9 | 0 | N | 20 | 17 | 0 | E | 808 | As,Cd,Cr,Cu,Pb,Ni,Zn | As,Cd,Cr,Cu,Pb,Ni,Zn |
| | SK0006R | Starina | 49 | 3 | 0 | N | 22 | 16 | 0 | E | 345 | As,Cd,Cr,Cu,Pb,Ni,Zn | As,Cd,Cr,Cu,Pb,Ni,Zn |
| | SK0007R | Topolniky | 47 | 57 | 36 | N | 17 | 51 | 38 | E | 113 | As,Cd,Cr,Cu,Pb,Ni,Zn | As,Cd,Cr,Cu,Pb,Ni,Zn |

## 2.2 Monitoring sites for POPs

The locations of the measurement sites, which have delivered POPs for 2007, are shown in Figure 3 and Table 2. In 2007 there were 10 sites measuring POPs in both compartments, and altogether there were 18 measurement sites, three more than in 2006, two additions were in Germany and one in Estonia.

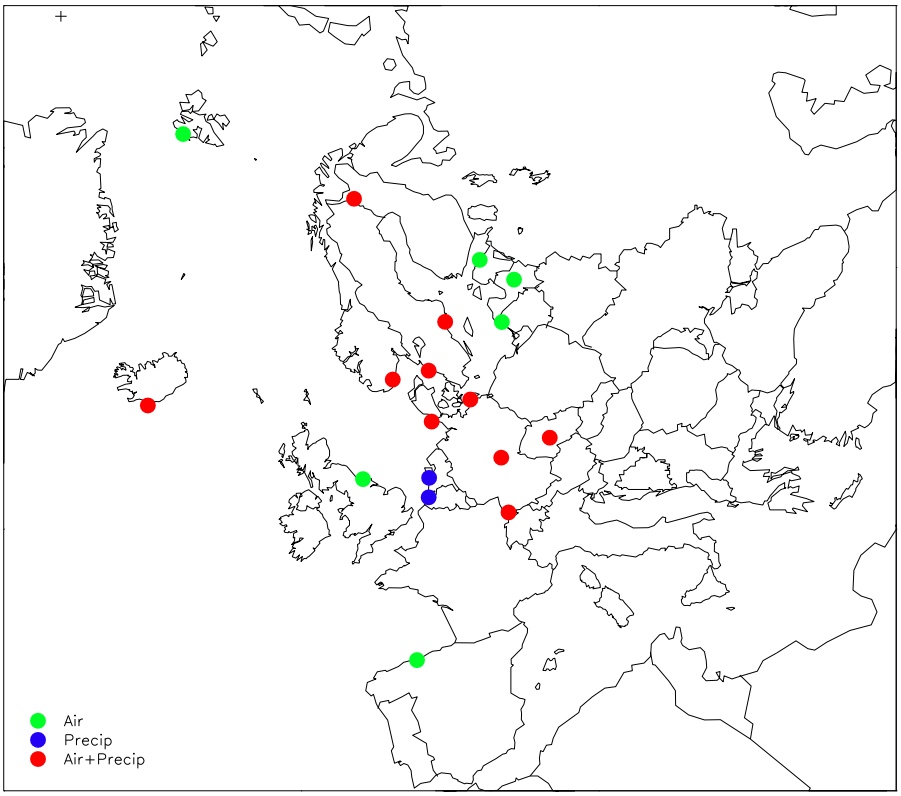


*Figure 3: Monitoring network of POPs in EMEP, 2007.*

As for heavy metal measurements, the distribution and number of sites measuring POPs are insufficient, but the EUs daughter directive on PAH (EU, 2004) and the Stockholm Convention on POPs have had a positive effect also on the number of EMEP sites which is slowly improving.

## 2.3 Sampling and analytical techniques

A brief summary of the sampling and analytical techniques used for the 2007-data are given in Table 3 and Table 4 for POPs and heavy metals, respectively.

*Table 2: Monitoring stations and their sampling program of POP, 2007.*

| Country | Code | Name | Latitude | | | | Longitude | | | | hasl | POPs in air and aerosol | POPs in precipitation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Belgium | BE0014R | Koksijde | 54 | 7 | 12 | N | 2 | 39 | 35 | E | 7 | | Pesticides, HCHs |
| Czech rep. | CZ0003R | Kosetice | 49 | 35 | 0 | N | 15 | 5 | 0 | E | 534 | PAHs, PCBs, pesticides, HCHs | PAHs, PCBs, pesticides, HCH |
| Germany | DE0001R | Westerland | 54 | 55 | 32 | N | 8 | 18 | 35 | E | 12 | PAHs | PAHs, PCBs, pesticides, HCB, HCHs |
| | DE0003R | Schauinsland | 47 | 54 | 53 | N | 7 | 54 | 31 | E | 1205 | PAHs | PAHs, PCBs, pesticides, HCB, HCHs |
| | DE0008R | Schmücke | 50 | 39 | 0 | N | 10 | 46 | 0 | E | 937 | PAHs | PAHs, PCBs, pesticides, HCB, HCHs |
| | DE0009R | Zingst | 54 | 26 | 0 | N | 12 | 44 | 0 | E | 1 | PAHs | PAHs, PCBs, pesticides, HCB, HCHs |
| Estonia | EE0009R | Lahemaa | 59 | 30 | 0 | N | 25 | 34 | 0 | E | 32 | PAH (Benzo[a]pyrene) | |
| Spain | ES0008R | Niembro | 43 | 26 | 22 | N | 4 | 51 | 1 | W | 134 | PAHs | |
| Finland | FI0096R | Pallas | 67 | 58 | 0 | N | 24 | 7 | 0 | E | 566 | PAHs, PCBs, pesticides, HCHs | PAHs, PCBs, HCHs |
| Great Britain | GB0014R | High Muffles | 54 | 20 | 4 | N | 0 | 48 | 27 | W | 267 | PAHs, PCBs | |
| Island | IS0091R | Storhofdi | 63 | 24 | 0 | N | 20 | 17 | 0 | W | 118 | PCBs, pesticides, HCB, HCHs | PCBs, pesticides, HCB, HCHs |
| Latvia | LV0010R | Rucava | 56 | 9 | 44 | N | 21 | 10 | 23 | E | 18 | PAH (Benzo[a]pyrene) | |
| | LV0016R | Zoseni | 57 | 8 | 7 | N | 25 | 54 | 20 | E | 182 | PAH (Benzo[a]pyrene) | |
| Netherlands | NL0091R | De Zilk | 52 | 18 | 0 | N | 4 | 30 | 0 | E | 4 | | gHCH |
| Norway | NO0042G | Spitsbergen | 78 | 54 | 0 | N | 11 | 53 | 0 | E | 474 | PAHs, PCBs, pesticides, HCHs, HCB | |
| | NO0001R | Birkenes | 58 | 23 | 0 | N | 8 | 15 | 0 | E | 190 | PCB, HCB, HCHs | PCBs, HCB, HCHs |
| Sweden | SE0012R | Aspvreten | 58 | 48 | 0 | N | 17 | 23 | 0 | E | 20 | PAHs, PCBs, pesticides | PAHs, PCBs, HCHs |
| | SE0014R | Råö | 57 | 23 | 38 | N | 11 | 55 | 50 | E | 5 | PAHs, PCBs, pesticides | PAHs, PCBs, HCHs |

*Table 3: Measurement methods for POPs, 2007.*

| Country | Precipitation | | Air and aerosols | | Laboratory method |
|---|---|---|---|---|---|
| | Sampling method | Frequency | Sampling method | Frequency | |
| Belgium | wet only | Monthly | | | Dual column GC-ECD |
| Czech rep. | wet only | Daily | HV-GRASEBY,PUR-foam 300-400$m^3$/day | 1d a week | HPLC, GC-MS |
| Germany | wet only | Monthly | High vol | monthly | GC-MS |
| Estonia | | | $PM_{10}$ | weekly | |
| Spain | | | $PM_{10}$, High vol | 24h, once every 8 days | GC-MS |
| Finland | Bulk (precip + dry dep) | 1 w a month | High vol. | 1 w a month | HPLC, GC-MS |
| Great Britain | | | High Vol. Whatman GF filter + 2 PUR foams.5$m^3$/h | biweekly sampling, 3 monthly analysis | GC-MS |
| Iceland | bulk, (Steel funnel 1m2/PUF foam) | Biweekly | PUF-foam 1000$m^3$/15days | Biweekly | GC-ECD |
| Latvia | | | Whatman GF filter | Monthly | GC-MS |
| Netherlands | bulk | 4 weekly | | | GC-MS |
| Norway | bulk, funnel and bottle of glass | Weekly | High Vol.Gelman AE filter + 2 PUR foams. 20$m^3$/h | NO01: 24h a week NO42: 48h a week | GC-MS |
| Sweden | Bulk (precip + dry dep) | Monthly | High vol. | SE14 biweekly, SE12: 1 w a month | HPLC, GC-ECD, GC-MS |

HPLC: High Performance Liquid Chromatography
GC -MS: Gas chromatograph with Mass Spectrometry
GC - ECD: Gas chromatograph with Electron Capture Detector
TLC: Thin Layer Chromatography

*Table 4: Measurement methods for heavy metals, 2007.*

| Country | Precipitation | | Air and aerosols | | Laboratory method | Participate in EMEP lab. Intercomp.[1] |
|---|---|---|---|---|---|---|
| | Field method | Frequency | Field method | Frequency | | |
| Austria | | | High Volume Sampler, quartz fibre filters with organic binder, 720 $m^3$/day | 24h every 6th day | As, Ni: GF-AAS, VDI 2267-1, modified<br>Cd: GF-AAS ,EN ISO 5961, modified<br>Pb: GF-AAS, DIN 38406-6, modified | yes |
| Belgium | wet only | weekly | | | ICP-MS | yes |
| Hg | wet only | weekly | absorbing tubes (TPM) | daily | CV-AAS | |
| Cyprus | | | Low volume sampler(Leckel), cellulose nitrate(whatman)filters,55$m^3$/day,grouped and analysed at EN17025 accredited lab | daily | ICP-OES | no |
| Czech Republic | Bulk | Weekly | $PM_{10}$ filter-1pack, $PM_{2.5}$ at CZ03 | Every 2nd day | Precipitation:GF-AAS; Zn,Fe: F-AAS, Air: ICP-MS | yes |
| Germany | wet only | Weekly | Low volume sampler | Weekly | ICP-MS | yes |
| Hg | wet only | Weekly | TGM:gold trap | Daily | CV-AFS | |
| Denmark | Bulk | Monthly | Low volume sampler, Millipore RAWP 1.2 mm, 58 $m^3$/day | Daily | Precip: GF-AAS , Aerosols: PIXE | yes |
| Estonia | Bulk | Monthly | $PM_{10}$, low volume sampler | Weekly | F-AAS | yes |
| Finland | Bulk | Monthly | $PM_{10}$. Teflon, Millipore, Fluoropore, 3 µm, 20 l/min | Weekly (FI36, FI37), 2+2+3 at FI17 | ICP-MS | yes |
| Hg | Bulk (Hg) | Monthly | Hg: gold traps (TGM)<br>Hg: mini traps (TPM) | 2 X 24 h a week<br>weekly | CV-AFS<br>CV-AFS | |
| France, FR13 | wet only | biweekly | low volume sampler | biweekly | ICP MS | yes |
| FR90 | Bulk | Monthly | | | GF-AAS | yes |
| Great Britain | Bulk | GB06,17: monthly<br>GB13,91: weekly | $PM_{10}$, low volume sampler | weekly | ICP-MS | yes |
| Hg | Bulk (Hg) | Monthly | Hg: gold traps (TGM) | biweekly | CV-AFS | |
| Hungary | wet only | monthly | | | GF-AAS | yes |
| Ireland | Bulk | Monthly | TGM: monitor (Tekran) | Continuously | ICP-MS | no |
| Iceland | Bulk | Weekly | High vol. | Biweekly | ICP-MS | (yes)[2] |
| Hg | | | High vol. | Biweekly | CV-AAS | |
| Italy | Wet-only | daily | | | Polarography | yes |
| Latvia | Bulk | Weekly | Filter-1pack | Weekly | ICP-MS | yes |
| Netherlands | Wet-only | 4 weekly | Low volume sampler | 24h every 2 days | ICP-MS | yes |
| Hg | Wet-only | Weekly | | | CV-AFS | |
| Norway | Bulk | Weekly | NO42: High Vol, 20 l/h, W41<br>NO01: $PM_{10}$ KFG 2,3 l/h, quartz | 48h a week<br>Weekly | ICP-MS | yes |
| Hg | Bulk (Hg) | Monthly | TGM: monitor (Tekran) | Continuously | CV-AFS | |
| Poland, PL04 | Wet-only | Biweekly | | | Cd, Cu, Cr, Ni, Pb: GF-AAS; Zn: F-AAS<br>GF-AAS; Zn: F-AAS | Yes |
| Poland, PL05 | Wet-only | Weekly | $PM_{10}$ High vol, quartz filter | weekly (bulked 24h) | Precip: GF-AAS, Zn F-AAS, Air: ICP; As: GF-AAS | yes |
| Hg | Bulk (Hg) | Weekly | Hg: gold traps (TGM) | 24h a week | AAS-AMAanalyzer | |

*Table 4, cont.*

| Country | Precipitation | | Air and aerosols | | Laboratory method | Participate in EMEP lab. Intercomp.[1] |
|---|---|---|---|---|---|---|
| | **Field method** | **Frequency** | **Field method** | **Frequency** | | |
| Portugal | PT10: Wet-only, PT01,03,04: bulk | Weekly Daily | | | GF-AAS, Zn: F-AAS | no |
| Spain | wet only | Weekly | High-vol, $PM_{10}$ | 24h a week | ES08 and ES09: ICP-MS (aerosol) GF-AAS for precip, XRF at ES1778R | no |
| Slovakia | Wet-only: SK04, SK06, SK07. Bulk: SK02 | Monthly | SK02: Filter-1pack, Nitrocellulose filters Sartorius 47m: 24-37 $m^3$/day, TSP. SK04, SK06, SK07; 24 $m^3$/day $PM_{10}$/Partisol R&P/ | Weekly | Precipitation:GF-AAS; Zn: F-AAS, As: MHS; Air: ICP-MS | yes |
| Slovenia | | | Low volume, PM10, quartz filters | 24 h every 6 days | ICP-MS | yes |
| Sweden<br>Hg | Bulk<br>Bulk (Hg) | Monthly<br>Monthly | Low volume sampler, teflon filter<br>Hg: gold traps (TGM)<br>Hg: mini traps (TPM) | monthly<br>2 X 24 h a week<br>2 X 24 h a week | ICP-MS<br>CV-AFS<br>CV-AFS | (yes)[2] |

[1] Countries participated in the intercomparison in 2007 (Uggerud et al., 2008)
[2] Samples shipped to NILU, Norway for analysis

GF-AAS: Graphic Furnace Atomic Absorption Spectroscopy
F-AAS: Furnace Atomic Absorption Spectroscopy
XRF: X-ray fluorescence
ICP-MS: Inductively Coupled Plasma - Mass Spectrometry
CV-AFS: Cold Vapour Atomic Fluorescence Spectroscopy
ICP-OES Inductively Coupled Plasma – Optical Emission Spectrometry

# 3. Presentation of the measurement data

## 3.1 Heavy metal concentrations over Europe

The annual concentrations of heavy metals in air and precipitation are found in Table 5 and Table 6. Maps illustrating the annual averages of Pb, Cd and Hg from the 2007 precipitation and air data are presented in Figure 4–Figure 9. An increasing gradient can in general be seen southeast, but the concentration levels are not evenly distributed, there are some "hotspots" for some elements. The highest concentrations of are generally seen in Hungary, Slovakia and the Czech Republic. Elevated levels are also in Poland, Lithuania, and in the Benelux countries. The annual mean concentrations in precipitation have been calculated from daily, weekly or monthly reported values as precipitation-weighted averages. When discussing the regional distribution of the concentration fields, it should be noticed that few countries in Southern- and Eastern Europe have reported data for heavy metals in precipitation or in air.

For heavy metal measurements there are two major problems with the data. Firstly, the detection limit for the method is not always adequate for the respective sampling site, and the data coverage is also in general much poorer than e.g. for main components. In the EMEP data quality objectives (EMEP/CCC, 1996) it says that the data completeness should be 90%; in addition, 75% of the data should be above the detection limit. As seen in Annex 1 and Annex 2, these two criteria are often not met. However, several countries analyse heavy metals in air on one or two samples weekly from daily aerosol samples. This will give poor data completeness, but the seasonal distribution and data coverage is anyhow satisfactory and the estimate of the annual average is probably reasonable.

Most of the Portuguese and Irish heavy metal measurements in precipitation have a high detection limits and these data are regarded as very uncertain. In Norway, Denmark and Sweden the concentration levels are relatively low, and generally a high percentage of these data in both air and precipitation are also below the detection limits. Annual averages based on data where 50% is below detection limit is marked in italic in table 5 and 6.

### *3.1.1 Lead in precipitation*

Precipitation data from Portugal, Estonia and Ireland should be looked as upper limits because most of the data are below the detection limits.

The highest concentrations are seen in the highest levels are observed in Spain and Hungary. The lowest concentrations of Pb during 2007 are found in the Nordic countries and in Great Britain (Figure 4 and Table 5).

### *3.1.2 Cadmium in precipitation*

The lowest cadmium levels are seen in the Nordic countries and Great Britain (Figure 5). An increasing gradient can be seen southeast. An extremely high annual concentration of cadmium in precipitation (15.4 ng/l) is seen at IT01, which most likely must be due to local influence from sources in the Rome area or contamination at the site. Except that site, the highest cadmium concentrations in precipitation are seen in Hungary, Czech Republic and Slovakia, The cadmium

precipitation measurements in Portugal are not included in Figure 5 due to very high detection limits (0.85 μg/l).

### *3.1.3 Mercury in precipitation*

Only a few stations are measuring mercury in precipitation in Europe, and most of them are related to the OSPARCOM programme. The Irish station has too high detection limits and these measurements are not really useful for EMEP. The concentrations of mercury at the different sites are decreasing from north to south, highest level in Poland and Lithuania, though the detection limit and methodology at these sites may be questionable.

### *3.1.4 Lead in aerosols*

Figure 7 presents the annual averages of Pb in air in 2007. The lowest concentrations (below 1.0 ng Pb/m$^3$) can be seen in the arctic sites. Concentration maxima are seen in Slovakia and Belgium with concentrations above 10 ng Pb/m$^3$.

### *3.1.5 Cadmium in aerosols*

Cadmium in aerosols is presented in Figure 8. The lowest concentrations (below 0.05 ng Cd/m$^3$) are reported from the arctic sites. An increasing gradient can be seen south-eastward. The highest cadmium concentrations are observed in Slovakia, Belgium and Austria with annual average above 0.2 ng Cd/m$^3$, except at Chopok (SK002) which observe very low cadmium level (0.05 ng Cd/m$^3$), this is due to the high altitude location at more than 2000 m.a.s.l.

### *3.1.6 Mercury in air*

Somewhat unusual gradient is seen for elemental mercury in air, where the highest annual average is seen in Norway (1.86 ng/m$^3$), while the lowest in the Czech Republic (1.18 ng/m$^3$) (Figure 9). As for mercury in precipitation, there are only a few stations delivering data on mercury in air, and they are mainly related to the AMAP and the OSPAR programme.

*Table 5: Annual average concentration of heavy metals in precipitation in 2007 (μg/l, Hg in ng/l). Data in Italic are considered uncertain (more than 50% of data are below detection limit).*

| Code | Pb | Cd | Zn | Hg | Ni | As | Cu | Co | Cr | Mn | V | Fe | mm HM | mm Hg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BE0014R | 1.42 | *0.053* | 12 | 10.6 | *0.47* | *0.29* | 3.10 | - | *0.28* | - | - | - | 819 | 964 |
| CZ0001R | 2.68 | 0.084 | 14 | - | 1.14 | - | - | - | - | - | - | 54 | 918 | |
| CZ0003R | 1.41 | 0.142 | 25 | - | *0.95* | - | - | - | - | - | - | 62 | 663 | |
| DE0001R | 0.60 | 0.022 | 9 | 6.3 | 0.30 | 0.10 | 0.82 | 0.02 | 0.11 | 1.19 | 0.53 | 10 | 696 | 714 |
| DE0002R | 0.76 | 0.026 | 4 | 9.1 | 0.29 | 0.07 | 0.89 | 0.02 | 0.13 | 1.47 | 0.34 | 16 | 797 | 833 |
| DE0003R | 0.75 | 0.020 | 6 | 10.7 | 0.20 | 0.06 | 1.07 | 0.02 | 0.10 | 1.48 | 0.23 | 12 | 1708 | 1787 |
| DE0007R | 0.89 | 0.028 | 11 | - | 0.27 | 0.08 | 0.98 | 0.02 | 0.10 | 1.87 | 0.29 | 12 | 816 | - |
| DE0008R | 0.81 | 0.027 | 8 | 6.8 | 0.50 | 0.10 | 1.08 | 0.02 | 0.16 | 1.27 | 0.23 | 11 | 1576 | 1681 |
| DE0009R | 0.81 | 0.030 | 7 | 7.9 | 0.29 | 0.08 | 2.13 | 0.02 | 0.13 | 2.34 | 0.38 | 14 | 771 | 814 |
| DK0008R | 0.67 | 0.023 | 10 | - | 0.24 | 0.12 | 2.05 | - | 0.13 | - | - | - | 639 | |
| DK0020R | 0.99 | 0.051 | 7 | - | 0.32 | 0.10 | 1.59 | - | 0.12 | - | - | - | 615 | |
| DK0022R | 0.72 | 0.020 | 4 | - | 0.21 | 0.09 | 1.79 | - | 0.09 | - | - | - | 892 | |
| DK0031R | 0.45 | 0.031 | 7 | - | 0.22 | 0.07 | 1.09 | - | 0.11 | - | - | - | 1007 | |
| EE0009R | *0.62* | 0.057 | *5* | - | - | *0.50* | 21.81 | - | - | - | - | - | 624 | |
| EE0011R | *0.69* | 0.035 | *8* | - | - | - | 8.04 | - | - | - | - | - | 689 | |
| ES0008R | 3.55 | 0.081 | 80 | - | 51.77 | 0.16 | 14.74 | - | 74.93 | - | - | - | 1016 | |
| ES0009R | 3.31 | 0.069 | 52 | - | 1.88 | 0.13 | 12.76 | - | 6.33 | - | - | - | 452 | |
| FI0008R | 0.28 | 0.027 | 2 | - | 0.40 | 0.05 | 1.78 | 0.02 | 0.13 | 1.59 | 0.13 | 10 | 380 | |
| FI0017R | 1.76 | 0.062 | 6 | - | 0.23 | 0.14 | 1.69 | 0.04 | 0.29 | 3.75 | 0.59 | 82 | 613 | |
| FI0022R | 0.44 | 0.030 | 2 | - | 0.13 | 0.12 | 1.74 | 0.01 | 0.12 | 1.19 | 0.20 | 11 | 517 | |
| FI0036R | 0.30 | 0.019 | 2 | - | 0.09 | 0.03 | 0.94 | 0.01 | 0.07 | 1.04 | 0.15 | 8 | 610 | |
| FI0053R | 0.66 | 0.030 | 3 | - | 0.17 | 0.04 | 1.93 | 0.04 | 0.16 | 2.03 | 0.43 | 25 | 452 | |
| FI0092R | 0.83 | 0.034 | 3 | - | 0.09 | 0.05 | 1.08 | 0.01 | 0.11 | 1.28 | 0.26 | 14 | 732 | |
| FI0093R | 0.80 | 0.040 | 3 | - | 0.14 | 0.07 | 1.28 | 0.02 | 0.15 | 2.40 | 0.33 | 19 | 605 | |
| FI0096G | - | - | - | 5.8 | - | - | - | - | - | - | - | - | | 436 |
| FR0013R | 0.37 | *0.029* | 4 | 10.7 | 0.23 | *0.04* | 0.43 | - | 0.69 | - | - | - | 671 | 417 |
| FR0090R | 1.26 | 0.054 | 3 | - | 1.80 | 0.10 | 1.08 | - | 0.40 | - | - | - | 1225 | |
| GB0006R | 0.11 | 0.005 | *5* | - | 0.20 | 0.18 | 0.22 | - | 0.08 | - | - | - | 1444 | |
| GB0013R | 0.26 | 0.008 | 1 | - | 0.15 | 0.06 | 0.20 | - | 0.07 | - | - | - | 1403 | 1262 |
| GB0017R | 0.57 | 0.020 | 7 | - | 0.22 | 0.11 | 0.57 | - | 0.06 | - | - | - | 586 | 390 |
| GB0091R | 0.27 | 0.007 | 2 | 4.7 | 0.07 | 0.08 | 0.21 | - | 0.06 | - | - | - | 827 | 574 |
| HU0002R | 3.19 | 0.097 | - | - | - | - | - | - | - | - | - | - | 309 | |
| IE0001R | *0.50* | *0.050* | 10 | *50* | *0.62* | *0.50* | *1.72* | - | *0.50* | 4.54 | *0.50* | - | 1347 | 1347 |
| IS0090R | 0.22 | *0.008* | 5 | - | 0.67 | 0.42 | 1.98 | - | 0.47 | 2.72 | 2.19 | 123 | 1041 | |
| IS0091R | 0.18 | 0.010 | 9 | - | 0.82 | 0.05 | 0.54 | - | 0.11 | 2.19 | 0.46 | 123 | 1883 | |
| IT0001R | 0.72 | (15.42) | 31 | - | - | - | 3.18 | - | - | - | - | - | 558 | |
| LV0010R | 2.51 | *0.056* | 23 | *25.8* | *0.66* | *0.29* | 2.65 | - | *0.94* | 3.97 | - | - | 947 | 947 |
| LV0016R | 1.11 | *0.051* | 24 | *28.8* | *0.62* | *0.37* | 3.02 | - | *0.30* | 4.63 | - | - | 777 | 777 |
| NL0091R | - | - | - | 9.6 | - | - | - | - | - | - | - | - | | 760 |
| NO0001R | 0.67 | *0.024* | 3 | 6.3 | *0.23* | *0.10* | *0.37* | *0.02* | - | - | 0.64 | - | 1346 | 1441 |
| NO0039R | *0.09* | *0.007* | 1 | - | - | - | - | - | - | - | - | - | 1901 | |
| NO0055R | 0.47 | *0.029* | 5 | - | - | - | - | - | - | - | - | - | 482 | |
| NO0056R | 0.91 | *0.065* | 10 | - | - | - | - | - | - | - | - | - | 909 | |
| PL0004R | 0.65 | 0.039 | 4 | - | 0.20 | - | 0.84 | - | 0.08 | - | - | - | 775 | |
| PL0005R | 0.91 | 0.063 | 4 | (58.4) | 0.52 | 0.31 | 1.37 | - | 0.05 | - | - | - | 576 | 576 |
| PT0001R | *0.89* | *0.446* | - | - | *0.78* | - | 1.37 | - | - | *5.10* | - | - | 460 | |
| PT0004R | *0.74* | *0.425* | - | - | *1.15* | - | 0.94 | - | - | *3.79* | - | - | 355 | |
| PT0010R | *0.65* | *0.425* | 32 | - | *1.24* | - | 1.21 | - | - | *1.26* | - | - | 977 | |
| SE0014R | - | - | - | 11.0 | - | - | - | - | - | - | - | - | | 632 |
| SE0051R | 0.47 | 0.027 | 6 | - | 0.28 | 0.14 | 0.79 | 0.02 | 0.13 | 4.07 | 0.64 | - | 1049 | |
| SE0097R | 0.58 | 0.027 | 5 | - | 0.29 | 0.15 | 1.12 | 0.03 | 0.19 | 1.34 | 0.87 | - | 1166 | |
| SK0002R | 1.94 | 0.062 | 20 | - | 0.48 | 0.15 | 0.70 | - | 0.13 | - | - | - | 940 | |
| SK0004R | 1.18 | 0.086 | 11 | - | 0.28 | 0.12 | 0.99 | - | 0.07 | - | - | - | 673 | |
| SK0006R | 1.72 | 0.063 | 10 | - | 0.40 | 0.13 | 0.93 | - | 0.07 | - | - | - | 625 | |
| SK0007R | 0.92 | 0.039 | 9 | - | 0.44 | 0.10 | 1.28 | - | 0.07 | - | - | - | 571 | |

*Italic data means that more than 50% of the data is below detection limit*

*Table 6: Annual average concentration of heavy metals in air in 2007 (ng/m$^3$). Data in Italic are considered uncertain (more than 50% of data are below detection limit).*

| Code | Pb | Cd | Zn | Hg (gas) | Hg (aerosol) | Ni | As | Cu | Co | Cr | Mn | V | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AT0002R | 7.02 | 0.213 | - | - | - | 0.92 | 0.65 | - | - | - | - | - | - |
| AT0005R | 3.30 | 0.086 | - | - | - | 0.38 | 0.13 | - | - | - | - | - | - |
| AT0048R | 2.54 | 0.068 | - | - | - | 0.37 | 0.15 | - | - | - | - | - | - |
| BE0014R | 10.25 | 0.244 | 42 | 1.7 | - | 6.62 | 0.94 | 9.38 | - | 5.64 | - | - | - |
| CY0002R | 3.16 | 0.070 | - | - | 0.29 | 0.78 | 0.14 | - | - | - | - | - | - |
| CZ0001R | 7.87 | 0.214 | - | - | - | 0.73 | 0.85 | 2.22 | - | - | 4.97 | - | - |
| CZ0003R | 5.47 | 0.166 | - | 1.2 | 0.01 | 0.37 | 0.68 | 1.18 | - | - | 1.89 | - | - |
| DE0001R | 3.77 | 0.111 | - | - | - | 1.74 | 0.40 | 2.14 | 0.06 | - | 2.48 | 2.68 | 55 |
| DE0002R | 5.41 | 0.162 | 18 | 1.8 | - | 0.95 | 0.53 | 2.62 | 0.06 | - | 3.66 | 1.73 | 79 |
| DE0003R | 3.10 | 0.083 | 12 | - | - | 0.66 | 0.24 | 2.16 | 0.06 | - | - | 1.33 | 79 |
| DE0007R | 5.36 | 0.165 | 15 | - | - | 0.90 | 0.54 | 1.85 | 0.06 | - | 3.25 | 1.32 | 63 |
| DE0008R | 3.40 | 0.099 | - | 1.8 | - | 0.55 | 0.34 | 1.77 | 0.07 | - | 3.14 | 1.25 | 67 |
| DE0009R | 4.62 | 0.145 | 14 | 1.6 | - | 2.03 | 0.42 | - | 0.08 | - | 2.35 | 2.96 | 45 |
| DK0003R | 2.66 | - | 11 | - | - | 0.93 | 0.53 | 1.34 | - | *0.43* | 3.69 | - | 96 |
| DK0005R | 3.08 | - | 10 | - | - | 1.73 | 0.23 | 1.18 | - | *0.42* | 2.08 | - | 64 |
| DK0008R | 2.15 | - | 7 | - | - | 1.27 | 0.24 | 0.81 | - | *0.29* | 1.75 | - | 46 |
| DK0031R | 2.45 | - | 9 | - | - | 0.98 | 0.25 | 1.13 | - | *0.25* | 1.83 | - | 50 |
| EE0009R | 6.32 | 0.17 | - | - | - | 2.13 | 0.46 | - | - | - | - | - | - |
| ES0008R | 6.82 | 0.093 | 21 | - | - | 2.53 | 0.21 | 50.95 | - | *1.05* | - | - | - |
| ES0009R | 1.00 | *0.021* | *4* | - | - | *0.49* | *0.06* | 15.08 | - | *0.78* | - | - | - |
| ES1778R | 4.45 | 0.106 | 13 | - | - | 1.22 | 0.23 | 2.76 | 0.05 | 1.10 | 2.17 | 2.66 | 199 |
| FI0017R | 3.51 | 0.105 | 11 | - | - | 1.17 | 0.32 | 1.01 | 0.08 | 0.31 | 2.94 | 2.33 | 150 |
| FI0036R | 0.68 | 0.027 | 2 | - | - | 0.34 | 0.11 | 0.32 | 0.02 | 0.07 | 0.47 | 0.40 | 19 |
| FI0037R | 1.35 | 0.063 | 5 | - | - | 0.39 | 0.24 | 0.53 | 0.05 | 0.14 | 1.25 | 0.62 | 38 |
| FI0096G | - | - | - | 1.4 | 1.83 | - | - | - | - | - | - | - | - |
| FR0013R | 4.13 | 0.055 | 10 | 1.2 | - | 0.95 | *0.07* | 2.11 | - | 1.92 | - | - | - |
| GB0013R | 4.00 | 0.089 | 11 | 1.6 | - | 0.99 | 0.52 | 3.44 | - | 0.78 | - | - | - |
| GB0017R | 4.51 | 0.106 | 8 | 2.1 | - | 1.67 | 0.47 | 1.70 | - | 0.85 | - | - | - |
| GB0091R | 2.00 | 0.044 | 8 | 1.5 | - | 0.32 | 0.32 | 0.59 | - | 0.61 | - | - | - |
| IE0031R | - | - | - | 1.6 | - | - | - | - | - | - | - | - | - |
| IS0091R | 0.52 | 0.047 | 5 | - | 0.88 | 4.51 | 0.08 | 1.02 | - | 7.82 | 9.64 | 2.45 | 549 |
| LV0010R | 3.85 | 0.118 | 20 | - | - | 0.60 | 0.25 | 0.88 | - | 0.45 | 4.06 | - | - |
| LV0016R | 3.55 | 0.111 | 14 | - | - | 0.69 | 0.39 | 1.14 | - | 0.52 | 9.88 | - | - |
| NL0008R | 6.13 | 0.193 | 19 | - | - | 1.97 | 0.57 | - | - | - | - | - | - |
| NL0009R | 4.96 | 0.118 | 20 | - | - | 1.54 | 0.37 | - | - | - | - | - | - |
| NL0010R | 5.71 | 0.150 | 21 | - | - | 1.13 | 0.43 | - | - | - | - | - | - |
| NO0001R | 1.29 | 0.047 | 4 | 1.9 | - | 0.61 | *0.21* | 0.82 | *0.03* | *0.52* | - | 0.81 | - |
| NO0042G | 0.38 | 0.012 | *1* | 1.7 | - | 0.08 | 0.05 | 0.31 | *0.01* | *0.07* | *0.19* | 0.06 | - |
| PL0005R | 6.19 | 0.167 | 19 | 1.2 | - | 0.69 | 0.50 | 11.70 | - | 1.13 | - | - | - |
| SE0014R | 2.05 | 0.068 | - | 1.6 | 6.36 | 2.65 | 0.41 | - | - | - | - | - | - |
| SI0008R | 4.09 | 0.095 | - | - | - | 3.71 | *0.64* | - | - | - | - | - | - |
| SK0002R | 1.59 | 0.046 | 4 | - | - | 0.43 | 0.13 | 0.83 | - | 0.58 | - | - | - |
| SK0004R | 5.93 | 0.203 | 13 | - | - | 0.44 | 0.52 | 2.39 | - | 0.49 | - | - | - |
| SK0006R | 8.44 | 0.285 | 13 | - | - | 0.58 | 0.45 | 2.10 | - | 0.59 | - | - | - |
| SK0007R | 11.03 | 0.283 | 19 | - | - | 1.14 | 0.82 | 4.09 | - | 1.02 | - | - | - |

*Italic data means that more than 50% of the data is below detection limit*

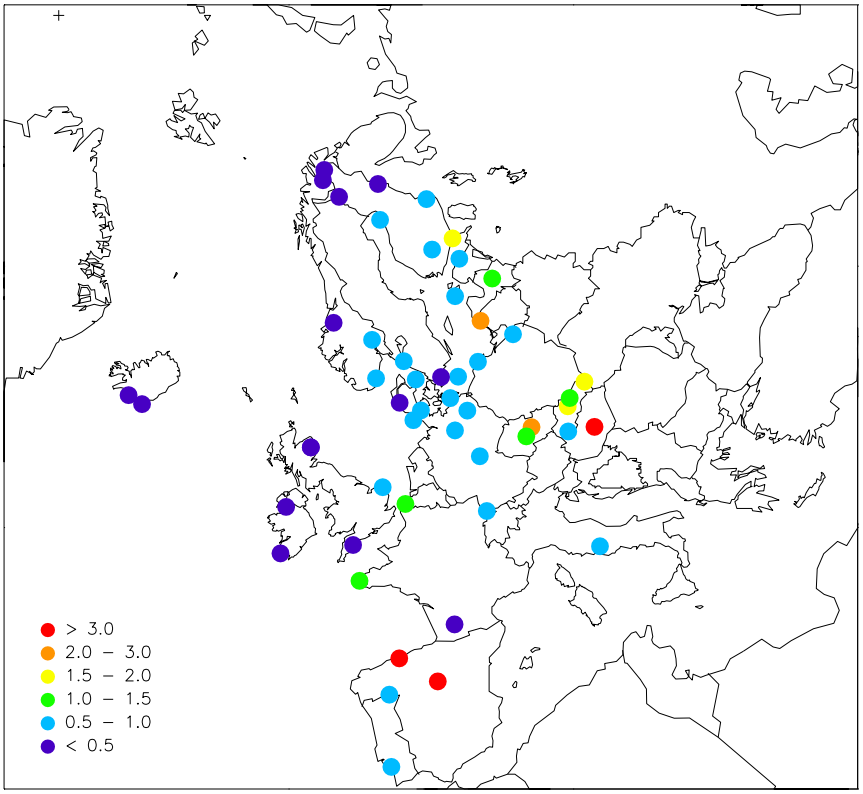


*Figure 4: Lead in precipitation, 2007 (µg/l).*

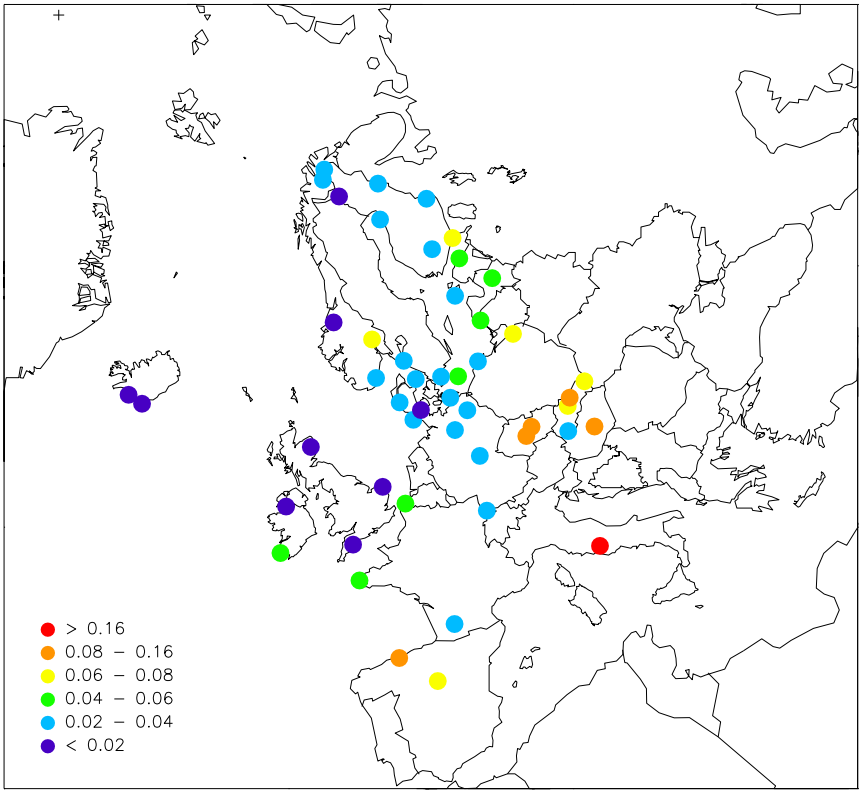


*Figure 5: Cadmium in precipitation, 2007 (µg/l).*

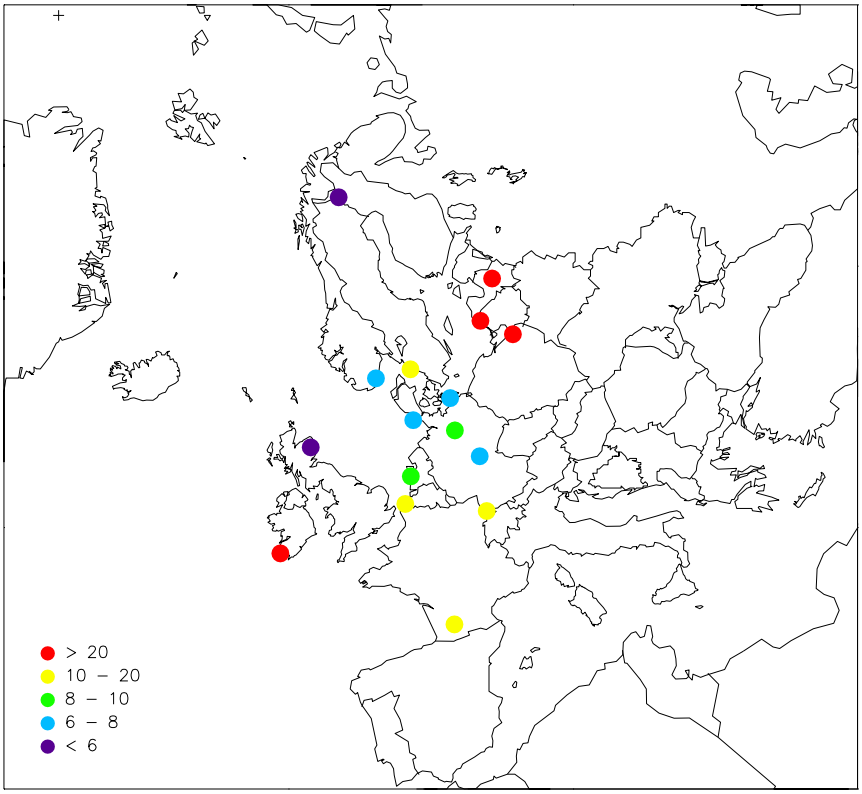


*Figure 6: Mercury in precipitation, 2007(ng/l).*

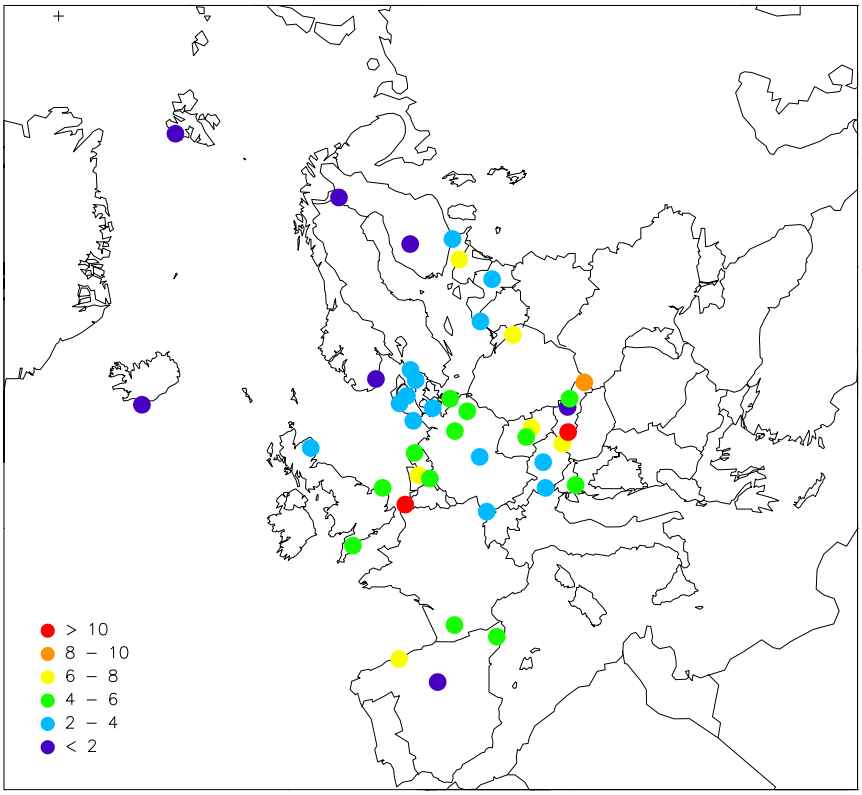


*Figure 7: Lead in aerosols (+ Cyprus outside map area), 2007 (ng/m³).*

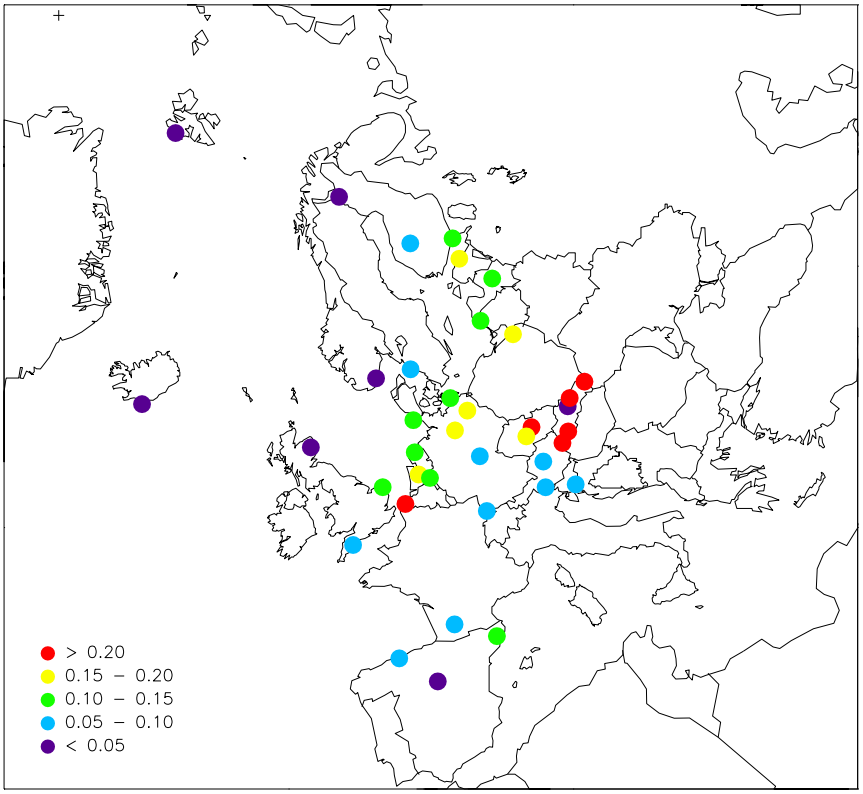


*Figure 8: Cadmium in aerosols (+ Cyprus outside map area), 2007 (ng/m³).*

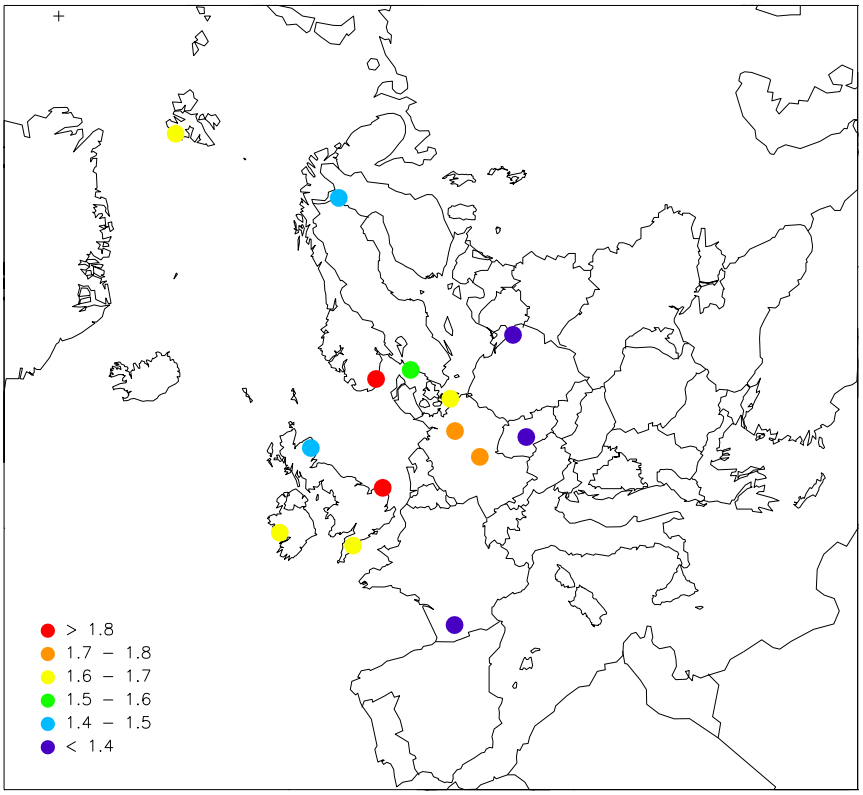


*Figure 9: Mercury in air, 2007(ng/m³).*

## 3.2 Concentrations of POPs

It is generally difficult to give full credit to the information content in the POP data. Different sampling and analysis techniques make it difficult to compare data, especially for precipitation. For example, SE02, SE12 and FI96 have a precipitation sampler with 1 $m^2$ collection area and these results are given as deposition rates, ng/$m^2$ day. The rationale is that this includes both wet deposition and some dry deposition on the exposed collector surface. To compare the spatial pattern in Europe, air concentrations are used. High detection limit can also be a problem. Much of the data from Belgium are mainly below the detection limits and here one can only say something about the upper concentration limits. See annex 3 and 4 for details.

Figure 10–Figure 21 it is shown maps with annual averaged air concentrations of some of the main PAH, PCBs and pesticides. In general the concentrations decrease from south to north, except for α-HCH where the second highest concentration is seen in Svalbard. The concentration in the Czech Republic is much higher than those observed in the Nordic countries for all the different POPs. For PCB it is explained by the high historical usage of in central Europe (Breivik et al., 2002). It is also known that former Czechoslovakia was among the European countries where PCBs were produced in significant amounts until 1984 (Taniyasu et al., 2003). Large differences in atmospheric PCB levels across Europe were also noted by Jaward et al. (2004).

The presence of α-HCH in environments far away from the sources is mainly due to long-range atmospheric transport. The relatively high concentrations of α-HCH measured at higher latitudes have also been observed in seawater. Preferential deposition and accumulation in polar latitudes of α-HCH are expected according to the hypothesis of global fractionation and cold condensation (Wania and Mackay, 1996). Iceland is influenced by westerly air masses, which explain the lower concentrations seen at IS0091.

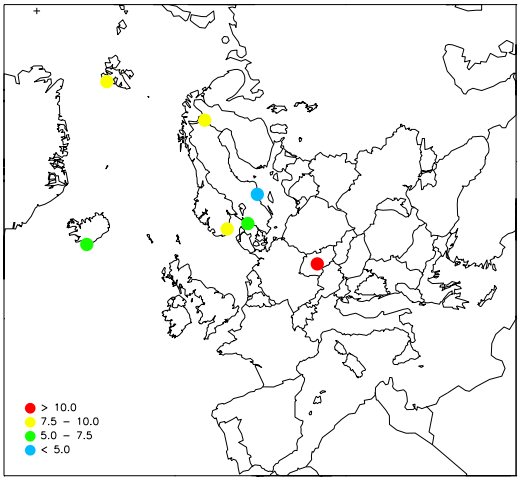


*Figure 10: α-HCH in air, 2007 (pg/m$^3$).*

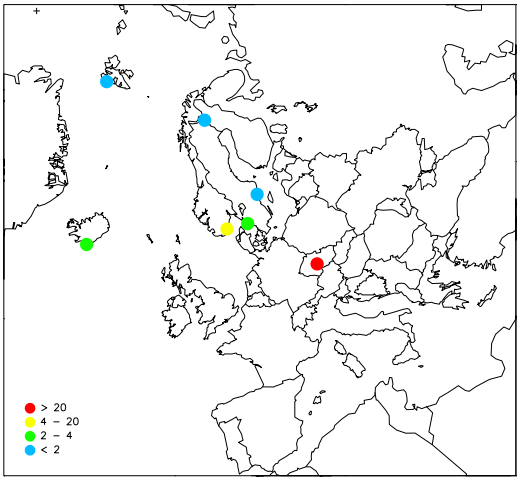


*Figure 11: γ– HCH in air, 2007 (pg/m$^3$).*

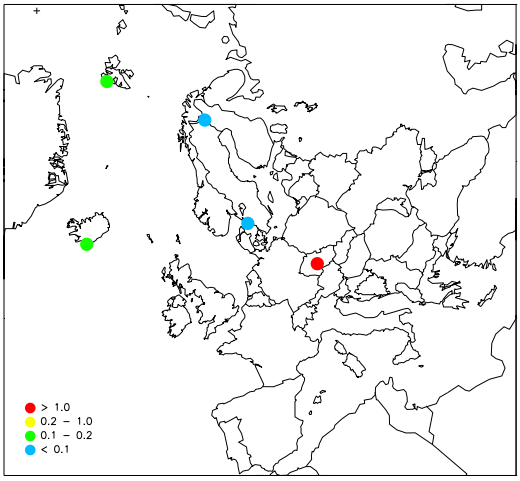


*Figure 12: pp-DDD in air, 2007 (pg/m$^3$).*

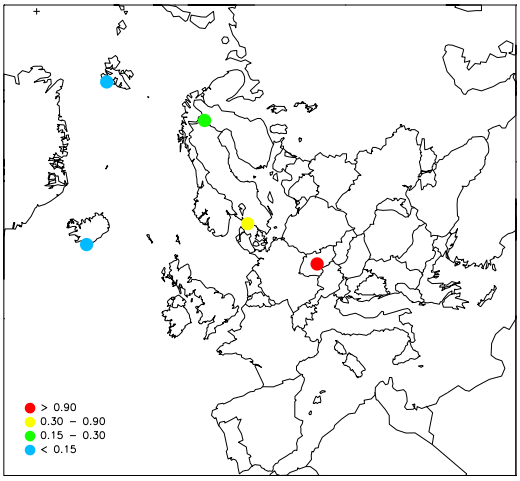


*Figure 13: pp-DDT in air, 2007 (pg/m$^3$).*

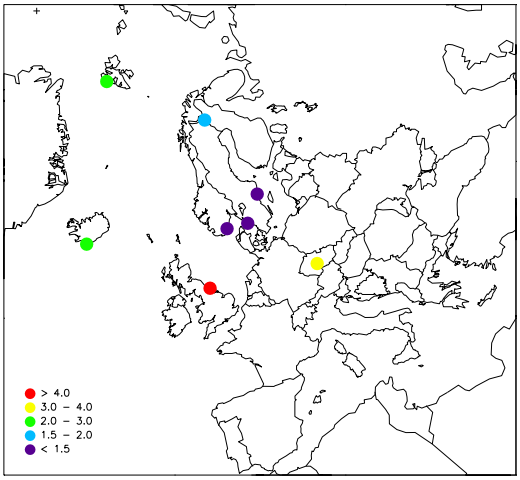


*Figure 14: PCB-28 in air, 2007 (pg/m$^3$).*

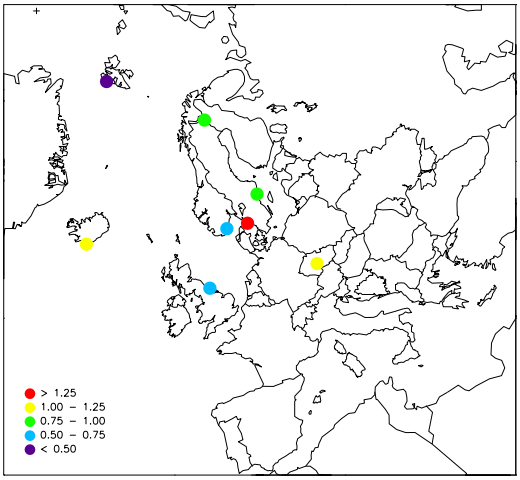


*Figure 15: PCB-101 in air, 2007 (pg/m$^3$).*

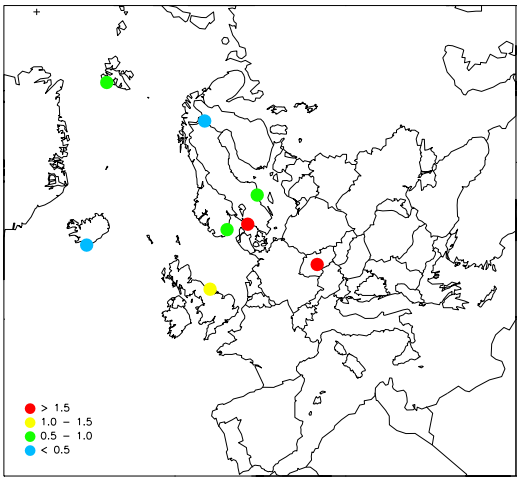


*Figure 16: PCB-153 in air, 2007 (pg/m$^3$).*

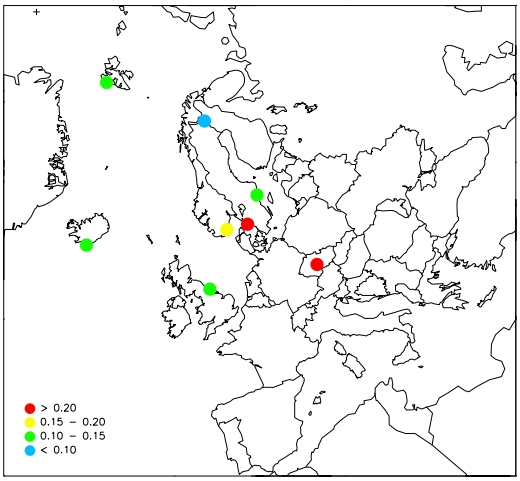


*Figure 17: PCB-180 in air, 2007 (pg/m$^3$).*

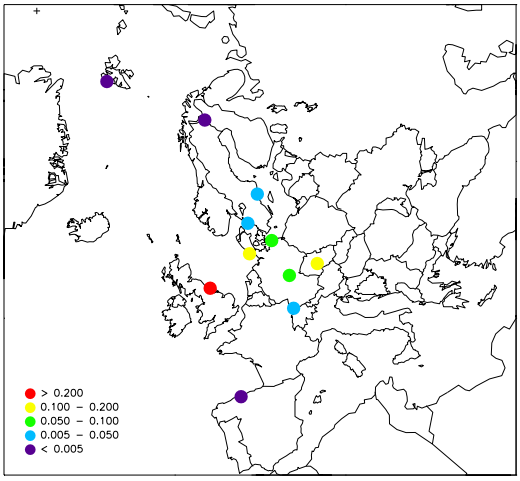


*Figure 18: Anthracene in air, 2007 (pg/m$^3$).*

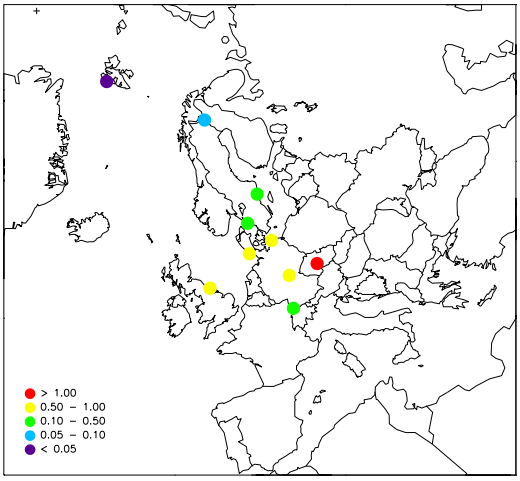


*Figure 19: Fluoranthene in air, 2007 (pg/m$^3$).*

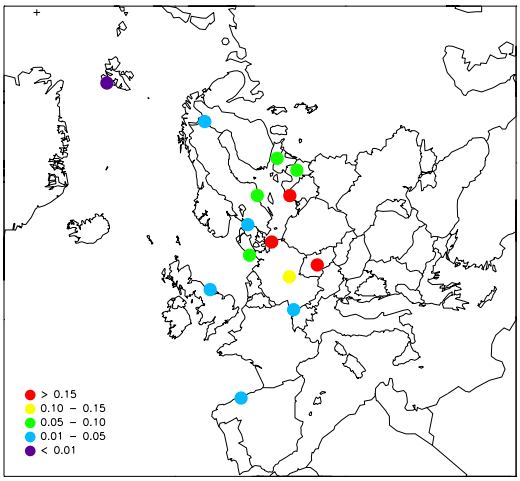


*Figure 20: Benzo-a-pyrene (BaP) in air, 2007 (ng/m$^3$).*

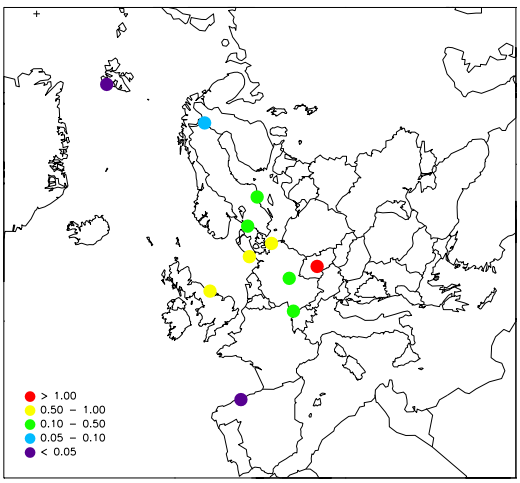


*Figure 21: Pyrene in air, 2007 (ng/m$^3$).*

## 3.3 Annual summaries

Annual summaries of heavy metals in precipitation and air are given in Annex 1 and Annex 2, respectively. Annual summaries for POP data are seen in Annex 3 and Annex 4. The precipitation component summaries contain:

- the precipitation weighted arithmetic mean value,
- the minimum and maximum concentrations,
- the number of data below the detection limit,
- the number of samples for a specified component

The wet depositions have been obtained by multiplying the weighted mean concentration by the total amount of precipitation in the period. The concentrations for days with missing precipitation data have consequently been assumed to be equal to the weighted average of the period.

For air components the arithmetic mean and the geometric mean have been computed together with their standard deviations. The definitions are given on the next three pages. The geometric standard deviation is a dimensionless factor. As a measure of the completeness of the dataset, the number of samples analysed in the period has been printed.

In the computations of mean values and other statistics, the concentrations below the detection limit have been set equal to one half of the actual limit. An overview of the statistics and definitions is given below.

W.mean $\hat{c}$ is the precipitation weighted arithmetic mean concentration used for precipitation components:

$$\hat{c} = \frac{1}{\sum_i p_i} \cdot \sum_i c_i \cdot p_i$$

where $p_i$ is precipitation amount day $i$ with the measured concentration $c_i$ of a specific component.

Dep is the wet deposition of a specific precipitation component. The deposition is the product of the total precipitation amount measured and the weighted arithmetic mean of a component measured at a site.

Arit mean $\overline{c_a}$ is the arithmetic mean value used for air components only, and $N$ is number of days with data:

$$\overline{c_a} = \frac{1}{N} \sum_i c_i$$

Arit sd $sd_a$ is the arithmetic standard deviation from the arithmetic mean value. It is computed for air components only:

$$sd_a = \left( \frac{\sum_i (c_i - \overline{c_a})^2}{N - 1} \right)^{\frac{1}{2}}$$

Geom mean $\overline{c_g}$ is the geometric mean value used for air components only, and it is computed from the arithmetic mean of ln c:

$$\overline{lnc} = \frac{1}{N} \cdot \sum_i lnc_i$$

$$\overline{c_g} = exp(\overline{lnc})$$

Geom sd — $sd_g$ is the geometric standard deviation from the geometric mean value. It is computed for air components only, and it is based on the standard deviation of *ln c*:

$$sd_g = exp(sdlnc)$$

Min — is the minimum value reported for a specific component, and it is printed both for precipitation and air components. Some countries report negative values and even though these are not "real" values, it is statistically correct to include these.

5%, 50%, 95% — is the 5, 50 and 95 percentile, defined as above and computed for air data only.

Max — is the maximum value reported for a specific component, and it is given for precipitation and air components.

Num bel — is the number of data below the detection limit (not used for precipitation amount).

Num samples — is the number of samples for a specific component.

The units used for the results in this report are given in Table 7.

*Table 7: Units used for the measured components.*

| Components | Units for W. mean, Min Max | Units for depositions |
|---|---|---|
| Amount precipitation | mm | mm |
| Heavy metals in precipitation | μg/l | μg/m$^2$ |
| Mercury in precipitation | ng/l | ng/m$^2$ |
| Heavy metals in air | ng/m$^3$ | |
| Mercury in air | ng/m$^3$ | |
| POPs in precipitation | ng/l | ng/m$^2$ |
| PAHs in air | ng/m$^3$ | |
| Pesticides, HCB and PCBs in air | pg/m$^3$ | |

### 3.4 Monthly summaries

Monthly averages of heavy metals are given in Annexes 5-8. The monthly mean values of precipitation data are precipitation weighted arithmetic averages. Average air concentrations are arithmetic averages of the reported values.

Data, which do not have monthly resolution, but have parts of the sample in one month and parts in the following, have estimated monthly means. The precipitation data have been treated like this: If e.g. a weekly sample has 5 days in one month and 2 days in the next, 5/7 parts of the precipitation will be assigned to the first month and 2/7 parts to the next month, while the concentrations are

assumed to be equal. The precipitation weighted monthly averages are then calculated as the estimated monthly deposition divided by the monthly precipitation amount.

For air samples starting and ending in different months weighted averages are calculated in a similar way. All values are multiplied with the number of days within a given month. The average is obtained by dividing the sum of these values with the number of days with measurements in that month.

### 3.5 Update

**The data compiled in this report represent the best data available at present. If any further errors are detected, the data will be corrected in the database.** It is important that the users make certain that they have access to the most recent version of the database. For the data presented here the latest alteration is 18 August 2009. Scientific use of the EMEP data should be based on fresh copies of the data. Copies can be requested from the CCC (e-mail: wenche.aas@nilu.no or annehj@nilu.no). The newest updates will be downloadable from EMEP's homepage as well, http://www.nilu.no/projects/ccc/emepdata.html or from the database, http://ebas.nilu.no. Information about the EMEP measurement network can be found at CCC's internet pages at http://www.nilu.no/projects/ccc/index.html.

## 4. Conclusions and recommendations

The lowest concentrations of Pb and Cd are generally observed in northern Scandinavia, Greenland, Iceland, and the westernmost part of Europe. Increasing gradients can be seen south and eastward.

There is a general need for more measurement sites with high quality data. Few stations in central parts of Europe, the Mediterranean region and the most eastern part of Europe have reported data for heavy metals in precipitation. The site density is also low for heavy metals in air in Scandinavia, the Mediterranean region and Eastern Europe. Data for POPs have been reported only from countries around the North and Baltic Seas, in the Arctic and from the Czech Republic.

## 5. Acknowledgements

A large number of anonymous co-workers in participating countries have been involved in this work. A list of participating institutes, which have provided data for 2007, can be seen below. The staff at CCC wishes to express their gratitude and appreciation for continued good co-operation and efforts. The email address to the data reporter/contact persons can be accessed by contacting CCC.

| Country | Institute | Data reporter |
|---|---|---|
| Austria | Umweltbundesamt, Wien | Marina Fröhlich |
| Belgium | Flemish Environmental Agency | Jasmine Dumollin |
| Czech Republic | Czech Hydrometeorological Institute | Jaroslav Pekarek |
| Cypros | Department of Labour Inspection, Ministry of Labour & Social Insurance | Savvas Kleanthous |
| Denmark | National Environmental Research Institute | Kåre Kemp |
| Estonia | Estonian Environmental Research Centre | Naima Kabral / Toivo Truuts |
| Finland | Finnish Meteorological Institute | Sirkka Leppanen |
| France | Université de Bretagne | Jean Yves Cabon |
| | I'Ecole des Mines de Douai | Patrice Coddeville |
| Germany | Umweltbundesamt, Langen | Elke Bieber |
| Hungary | Hungarien Meterological Service | Ferenczi Zita |
| Iceland | The Icelandic Meteorological Office | Arni Sigurdsson / Johanna Thorlacius |
| Ireland | Environmental Protection Agency (EPA) | Ciaran O'Donnell / Stephan Leinert |
| Latvia | Latvian Environment, Geology and Meteorology Center | Iveta Dubakova |
| Lithuania | Institute of Physics | Darius Valiulis |
| Netherlands | National Institute for Public Health and Environmental Protection (RIVM) | Arien Stolk |
| Norway | Norwegian Institute for Air Research (NILU) | Marit Vadset (HM)<br>Stein Manø (POPs) |
| Poland | Institute of Meteorology and Water Management | Barbara Obminska |
| | PL05: Institute of Environmental Protection | Anna Degorska |
| Portugal | Meteorological Institute, Ministerio da Ciencia, Tecnologia e Ensino Superier | Amelia Lopes |
| Slovakia | Slovakian Hydrometereological Institute | Marta Mitosinkova |
| Slovenia | Environmental Agency of the Republic of Slovenia | Marijana Murovec |
| Spain | Dirección General de Calidad y Evaluacíon Ambiental | Gonzalez Ortiz, Alberto |
| Sweden | IVL Swedish Environmental Research Institute | Karin Sjöberg / Gunilla Pihl Karlsson |
| United Kingdom | AEA Technology and | Peter Coleman / Keith Vincent |
| | CEH, Centre for Ecology and Hydrology | J. Neil Cape / Heath Malcolm |

## 6. References

Aas, W. and Breivik, K. (2008) Heavy metals and POP measurements, 2006. Kjeller, Norwegian Institute for Air Research (EMEP/CCC-Report 4/2008).

Aas, W. and Breivik, K. (2007) Heavy metals and POP measurements, 2005. Kjeller, Norwegian Institute for Air Research (EMEP/CCC-Report 6/2007).

Aas, W. and Breivik, K. (2006) Heavy metals and POP measurements, 2004. Kjeller, Norwegian Institute for Air Research (EMEP/CCC-Report 7/2006).

Aas, W. and Breivik, K. (2005) Heavy metals and POP measurements, 2003. Kjeller, Norwegian Institute for Air Research (EMEP/CCC-Report 9/2005).

Aas, W. and Breivik, K. (2004) Heavy metals and POP measurements, 2002. Kjeller, Norwegian Institute for Air Research (EMEP/CCC-Report 7/2004).

Aas, W. and Hjellbrekke, A.-G. (2003) Heavy metals and POP measurements, 2001. Kjeller, Norwegian Institute for Air Research (EMEP/CCC-Report 1/2003).

Berg, T. and Hjellbrekke, A.-G. (1998) Heavy metals and POPs within the ECE region. Supplementary data for 1989-1996. Kjeller, Norwegian Institute for Air Research (EMEP/CCC-Report 7/98).

Berg, T. and Hjellbrekke, A.-G. (1999) Heavy metals and POPs within the ECE region 1997. Kjeller, Norwegian Institute for Air Research (EMEP/CCC-Report 7/99).

Berg, T., Hjellbrekke, A.-G. and Larsen, R. (2000) Heavy metals and POPs in Europe 1998. Kjeller, Norwegian Institute for Air Research (EMEP/CCC-Report 2/2000).

Berg, T., Hjellbrekke, A.-G. and Larsen, R. (2001) Heavy metals and POPs within the ECE region 1999. Kjeller, Norwegian Institute for Air Research (EMEP/CCC-Report 9/2001).

Berg, T., Hjellbrekke, A.-G. and Larsen, R. (2002) Heavy metals and POPs within the ECE region 2000. Kjeller, Norwegian Institute for Air Research (EMEP/CCC-Report 9/2002).

Berg, T., Hjellbrekke, A.-G. and Ritter, N. (1997) Heavy metals and POPs within the ECE region. Additional data. Kjeller, Norwegian Institute for Air Research (EMEP/CCC-Report 9/97).

Berg, T., Hjellbrekke, A.-G. and Skjelmoen, J.E. (1996*)* Heavy metals and POPs within the ECE region. Kjeller, Norwegian Institute for Air Research (EMEP/CCC-Report 8/96).

Breivik, K., Sweetman, A., Pacyna, J.M. and Jones, K.C. (2002) Towards a global historical emission inventory for selected PCB congeners – a mass balance approach. 1. Global production and consumption. *Sci. Total Environ., 290,* 181-198.

EMEP/CCC (1996) Manual for sampling and chemical analysis. Kjeller (EMEP/CCC-Report 1/1995, revision 1/2001).
URL. http://www.nilu.no/projects/ccc/manual/index.html

EU (2004) Directive 2004/107/EC of the European Parliament and of the council of 15 Dec. 2004 relating to arsenic, cadmium, mercury, nickel and polycyclic aromatic hydrocarbons in ambient air. *Off. J. Eur. Comm.,* L23, 26/01/2005, 3-16.

Jaward, F.M., Farrar, N.J., Harner, T., Sweetman, A.J. and Jones, K.C. (2004) Passive air sampling of PCBs, PBDEs, and organochlorine pesticides across Europe. *Environ. Sci. Technol., 38,* 34-41.

Taniyasu, S, Kannan, K., Holoubek, I., Ansorgova, A., Horii, Y., Hanari, N., Yamashita, N. and Aldous, K.M. (2003) Isomer-specific analysis of chlorinated biphenyls, naphtalenes and dibenzofurans in Delor: polychlorinated biphenyl preparations from the former Czechoslovakia. *Environ. Poll., 126,* 169-178.

Uggerud, H.T. and Hjellbrekke, A.-G. (2008) Analytical intercomparison of heavy metals in precipitation 2007. Kjeller, Norwegian Institute for Air Research (EMEP/CCC-Report 6/2008).

Wania, F. and Mackay, D. (1996) Trading the distribution of persistent organic pollutants. *Environ. Sci. Technol., 30,* 390A-396A.

# Annex 1

# Annual statistics for heavy metals in precipitation

BE0014R Koksijde

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.29 | 0.26 | 1.48 | 235.5 | 100.0 | 42 | 43 |
| Cd | precip | 0.05 | 0.03 | 0.33 | 43.7 | 100.0 | 24 | 43 |
| Cr | precip | 0.28 | 0.26 | 1.45 | 228.6 | 100.0 | 42 | 43 |
| Cu | precip | 3.10 | 0.53 | 14.25 | 2540.5 | 100.0 | 9 | 43 |
| Hg | precip | 10.64 | 3.30 | 38.30 | 10265.6 | 98.7 | 0 | 41 |
| Ni | precip | 0.47 | 0.26 | 4.05 | 381.3 | 100.0 | 30 | 43 |
| Pb | precip | 1.42 | 0.27 | 6.13 | 1159.7 | 100.0 | 7 | 43 |
| Zn | precip | 11.77 | 5.25 | 60.00 | 9638.2 | 100.0 | 21 | 43 |

CZ0001R Svratouch

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Cd | precip | 0.08 | 0.02 | 0.39 | 77.1 | 87.2 | 0 | 45 |
| Fe | precip | 53.64 | 3.00 | 623.00 | 49240.4 | 87.2 | 1 | 45 |
| Ni | precip | 1.14 | 0.30 | 7.40 | 1043.7 | 84.3 | 17 | 43 |
| Pb | precip | 2.68 | 0.25 | 42.50 | 2463.3 | 87.1 | 1 | 44 |
| Zn | precip | 14.24 | 1.50 | 65.40 | 13073.5 | 87.2 | 1 | 45 |

CZ0003R Kosetice

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Cd | precip | 0.14 | 0.03 | 0.78 | 93.9 | 100.0 | 0 | 47 |
| Fe | precip | 62.44 | 3.00 | 1012.00 | 41406.9 | 100.0 | 2 | 47 |
| Ni | precip | 0.95 | 0.30 | 15.50 | 628.6 | 100.0 | 27 | 47 |
| Pb | precip | 1.41 | 0.25 | 6.80 | 936.8 | 100.0 | 8 | 47 |
| Zn | precip | 25.08 | 1.50 | 139.00 | 16634.4 | 100.0 | 2 | 47 |

DE0001R Westerland

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.10 | 0.04 | 0.22 | 70.2 | 89.3 | 0 | 39 |
| Cd | precip | 0.02 | 0.01 | 0.09 | 15.6 | 89.3 | 0 | 39 |
| Co | precip | 0.02 | 0.00 | 0.07 | 11.2 | 89.3 | 0 | 39 |
| Cr | precip | 0.11 | 0.01 | 0.27 | 73.7 | 89.3 | 0 | 39 |
| Cu | precip | 0.82 | 0.26 | 3.88 | 570.6 | 89.3 | 0 | 39 |
| Fe | precip | 9.72 | 1.70 | 46.40 | 6763.3 | 89.3 | 0 | 39 |
| Hg | precip | 6.32 | 1.90 | 35.80 | 4564.5 | 100.0 | 0 | 45 |
| Mn | precip | 1.19 | 0.42 | 5.33 | 829.1 | 89.3 | 0 | 39 |
| Ni | precip | 0.30 | 0.12 | 1.72 | 210.5 | 89.3 | 0 | 39 |
| Pb | precip | 0.60 | 0.13 | 2.22 | 418.3 | 89.3 | 0 | 39 |
| Se | precip | 0.35 | 0.09 | 0.98 | 252.5 | 89.3 | 0 | 38 |
| V | precip | 0.53 | 0.22 | 1.10 | 365.3 | 89.3 | 0 | 39 |
| Zn | precip | 8.61 | 1.30 | 41.20 | 5992.9 | 89.3 | 0 | 39 |
| Sb | precip | 0.08 | 0.02 | 0.23 | 55.6 | 89.7 | 0 | 39 |
| Tl | precip | 0.03 | 0.01 | 0.10 | 18.7 | 88.8 | 0 | 38 |

DE0002R Langenbrügge

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.07 | 0.02 | 0.19 | 59.9 | 99.5 | 0 | 40 |
| Cd | precip | 0.03 | 0.01 | 0.07 | 20.7 | 99.5 | 0 | 40 |
| Co | precip | 0.02 | 0.00 | 0.10 | 13.7 | 99.5 | 0 | 40 |
| Cr | precip | 0.13 | 0.05 | 0.64 | 102.5 | 99.5 | 0 | 40 |
| Cu | precip | 0.89 | 0.34 | 2.44 | 707.0 | 99.5 | 0 | 40 |
| Fe | precip | 11.72 | 3.40 | 42.90 | 9338.5 | 99.5 | 0 | 4 |
| Hg | precip | 9.07 | 3.20 | 57.60 | 7226.7 | 100.0 | 0 | 44 |
| Mn | precip | 1.47 | 0.41 | 5.54 | 1172.8 | 99.5 | 0 | 40 |
| Ni | precip | 0.29 | 0.10 | 0.90 | 233.8 | 99.5 | 0 | 40 |
| Pb | precip | 0.76 | 0.31 | 2.50 | 605.3 | 99.5 | 0 | 40 |
| Se | precip | 0.15 | 0.04 | 0.28 | 117.3 | 99.5 | 0 | 40 |
| V | precip | 0.34 | 0.12 | 0.80 | 268.5 | 99.5 | 0 | 40 |
| Zn | precip | 4.34 | 1.90 | 12.10 | 3454.4 | 99.5 | 0 | 40 |
| Sb | precip | 0.08 | 0.04 | 0.20 | 64.9 | 99.5 | 0 | 40 |

DE0003R Schauinsland

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.06 | 0.02 | 0.34 | 94.1 | 100.0 | 0 | 46 |
| Cd | precip | 0.02 | 0.01 | 0.11 | 33.7 | 100.0 | 0 | 46 |
| Co | precip | 0.02 | 0.00 | 0.14 | 36.4 | 100.0 | 0 | 46 |
| Cr | precip | 0.10 | 0.03 | 0.58 | 177.3 | 100.0 | 0 | 46 |
| Cu | precip | 1.07 | 0.23 | 6.66 | 1819.3 | 98.2 | 0 | 45 |
| Fe | precip | 11.89 | 1.40 | 103.40 | 20288.9 | 100.0 | 0 | 46 |
| Hg | precip | 10.69 | 4.00 | 999.90 | 19100.2 | 97.1 | 0 | 51 |
| Mn | precip | 1.48 | 0.18 | 15.11 | 2519.5 | 100.0 | 0 | 46 |
| Ni | precip | 0.20 | 0.06 | 1.51 | 345.5 | 100.0 | 0 | 46 |
| Pb | precip | 0.75 | 0.15 | 3.30 | 1280.7 | 100.0 | 0 | 46 |
| Se | precip | 0.10 | 0.04 | 0.29 | 168.0 | 100.0 | 0 | 46 |
| V | precip | 0.23 | 0.05 | 0.81 | 388.7 | 100.0 | 0 | 46 |
| Zn | precip | 5.78 | 2.10 | 21.80 | 9860.3 | 98.2 | 0 | 45 |
| Sb | precip | 0.08 | 0.03 | 0.47 | 137.4 | 100.0 | 0 | 46 |
| Tl | precip | 0.00 | 0.00 | 0.02 | 6.0 | 100.0 | 0 | 46 |

DE0007R Neuglobsow

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.08 | 0.03 | 0.62 | 66.3 | 99.5 | 0 | 41 |
| Cd | precip | 0.03 | 0.01 | 0.11 | 22.8 | 99.5 | 0 | 41 |
| Co | precip | 0.02 | 0.01 | 0.07 | 13.8 | 99.5 | 0 | 41 |
| Cr | precip | 0.10 | 0.02 | 0.25 | 82.1 | 99.5 | 0 | 41 |
| Cu | precip | 0.98 | 0.32 | 4.54 | 802.9 | 99.5 | 0 | 41 |
| Fe | precip | 11.59 | 2.20 | 45.30 | 9457.0 | 99.5 | 0 | 41 |
| Mn | precip | 1.87 | 0.60 | 9.03 | 1523.1 | 99.5 | 0 | 41 |
| Ni | precip | 0.27 | 0.10 | 1.31 | 219.4 | 99.5 | 0 | 41 |
| Pb | precip | 0.89 | 0.20 | 4.24 | 726.8 | 99.5 | 0 | 41 |
| Se | precip | 0.15 | 0.04 | 0.39 | 119.9 | 99.5 | 0 | 41 |
| V | precip | 0.29 | 0.11 | 0.82 | 236.4 | 99.5 | 0 | 41 |
| Zn | precip | 11.37 | 1.50 | 999.90 | 9278.5 | 100.0 | 0 | 52 |
| Sb | precip | 0.07 | 0.03 | 0.25 | 60.6 | 99.5 | 0 | 41 |
| Tl | precip | 0.01 | 0.00 | 0.02 | 4.9 | 99.5 | 0 | 41 |

DE0008R Schmücke

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.10 | 0.03 | 0.43 | 151.7 | 99.4 | 0 | 44 |
| Cd | precip | 0.03 | 0.01 | 0.08 | 43.1 | 99.4 | 0 | 44 |
| Co | precip | 0.02 | 0.00 | 0.43 | 31.4 | 99.4 | 0 | 44 |
| Cr | precip | 0.16 | 0.04 | 0.74 | 245.3 | 99.4 | 0 | 44 |
| Cu | precip | 1.08 | 0.31 | 5.70 | 1710.1 | 97.6 | 0 | 43 |
| Fe | precip | 10.70 | 0.60 | 35.00 | 16851.9 | 99.1 | 0 | 43 |
| Hg | precip | 6.81 | 2.80 | 24.70 | 11453.5 | 100.0 | 0 | 48 |
| Mn | precip | 1.27 | 0.27 | 4.18 | 2005.2 | 99.1 | 0 | 43 |
| Ni | precip | 0.50 | 0.10 | 3.31 | 786.5 | 96.1 | 0 | 43 |
| Pb | precip | 0.81 | 0.18 | 3.47 | 1281.3 | 99.4 | 0 | 44 |
| Se | precip | 0.17 | 0.04 | 0.41 | 260.3 | 99.4 | 0 | 44 |
| V | precip | 0.23 | 0.04 | 0.96 | 367.3 | 99.4 | 0 | 44 |
| Zn | precip | 8.27 | 3.20 | 26.80 | 13035.6 | 99.4 | 0 | 44 |
| Sb | precip | 0.10 | 0.03 | 0.31 | 151.1 | 99.4 | 0 | 44 |
| Tl | precip | 0.01 | 0.00 | 0.02 | 9.3 | 99.4 | 0 | 44 |

DK0008R Anholt

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.12 | 0.06 | 0.40 | 78.4 | 100.0 | 0 | 12 |
| Cd | precip | 0.02 | 0.01 | 0.07 | 14.8 | 100.0 | 0 | 12 |
| Cr | precip | 0.13 | 0.06 | 0.52 | 84.8 | 100.0 | 0 | 12 |
| Cu | precip | 2.05 | 0.69 | 6.69 | 1308.4 | 100.0 | 0 | 12 |
| Ni | precip | 0.24 | 0.12 | 0.89 | 156.9 | 100.0 | 0 | 12 |
| Pb | precip | 0.67 | 0.33 | 1.88 | 426.2 | 100.0 | 0 | 12 |
| Zn | precip | 9.68 | 3.23 | 61.02 | 6187.8 | 100.0 | 0 | 12 |

DK0020R Pedersker

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.10 | 0.03 | 0.28 | 59.9 | 73.8 | 0 | 11 |
| Cd | precip | 0.05 | 0.02 | 0.31 | 31.5 | 73.8 | 0 | 11 |
| Cr | precip | 0.12 | 0.06 | 0.22 | 76.4 | 73.8 | 0 | 11 |
| Cu | precip | 1.59 | 0.43 | 6.08 | 976.4 | 73.8 | 0 | 11 |
| Ni | precip | 0.32 | 0.13 | 0.79 | 197.8 | 73.8 | 0 | 11 |
| Pb | precip | 0.99 | 0.45 | 2.09 | 610.9 | 73.8 | 0 | 11 |
| Zn | precip | 6.94 | 4.51 | 22.39 | 4267.7 | 73.8 | 0 | 11 |

DK0022R Sepstrup Sande

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.09 | 0.03 | 0.49 | 84.0 | 100.0 | 0 | 12 |
| Cd | precip | 0.02 | 0.01 | 0.05 | 17.9 | 100.0 | 0 | 12 |
| Cr | precip | 0.09 | 0.03 | 0.63 | 82.3 | 100.0 | 0 | 12 |
| Cu | precip | 1.79 | 0.18 | 25.43 | 1598.4 | 100.0 | 0 | 12 |
| Ni | precip | 0.21 | 0.09 | 0.68 | 185.8 | 100.0 | 0 | 12 |
| Pb | precip | 0.72 | 0.22 | 2.37 | 644.2 | 100.0 | 0 | 12 |
| Zn | precip | 4.36 | 1.11 | 22.51 | 3886.9 | 100.0 | 0 | 12 |

DK0031R Ulborg

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.07 | 0.02 | 0.52 | 67.1 | 100.0 | 0 | 12 |
| Cd | precip | 0.03 | 0.01 | 0.06 | 30.9 | 100.0 | 0 | 12 |
| Cr | precip | 0.11 | 0.03 | 0.91 | 111.7 | 100.0 | 0 | 12 |
| Cu | precip | 1.09 | 0.22 | 6.21 | 1093.1 | 95.0 | 0 | 11 |
| Ni | precip | 0.22 | 0.14 | 1.45 | 217.3 | 100.0 | 0 | 12 |
| Pb | precip | 0.45 | 0.23 | 1.95 | 452.7 | 100.0 | 0 | 12 |
| Zn | precip | 6.91 | 3.98 | 21.22 | 6950.2 | 100.0 | 0 | 12 |

EE0009R Lahemaa

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.50 | 0.50 | 0.50 | 311.8 | 100.0 | 12 | 12 |
| Cd | precip | 0.06 | 0.01 | 0.14 | 35.4 | 100.0 | 1 | 12 |
| Cu | precip | 21.81 | 4.70 | 49.20 | 13600.5 | 100.0 | 0 | 12 |
| Pb | precip | 0.62 | 0.50 | 1.50 | 388.1 | 100.0 | 9 | 12 |
| Zn | precip | 5.38 | 5.00 | 10.00 | 3354.3 | 100.0 | 11 | 12 |

EE0011R Vilsandi

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Cd | precip | 0.04 | 0.00 | 0.30 | 23.8 | 100.0 | 3 | 12 |
| Cu | precip | 8.04 | 0.50 | 25.90 | 5539.5 | 100.0 | 1 | 12 |
| Pb | precip | 0.69 | 0.50 | 2.20 | 478.3 | 100.0 | 9 | 12 |
| Zn | precip | 7.47 | 5.00 | 52.00 | 5150.7 | 100.0 | 8 | 12 |

ES0008R Niembro

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.16 | 0.03 | 1.10 | 160.7 | 100.0 | 1 | 45 |
| Cd | precip | 0.08 | 0.02 | 2.62 | 82.7 | 100.0 | 6 | 45 |
| Cr | precip | 74.93 | 4.97 | 1192.38 | 76156.2 | 100.0 | 0 | 45 |
| Cu | precip | 14.74 | 1.39 | 186.21 | 14983.7 | 100.0 | 0 | 45 |
| Ni | precip | 51.77 | 2.65 | 842.11 | 52621.0 | 100.0 | 0 | 45 |
| Pb | precip | 3.55 | 0.28 | 76.73 | 3605.2 | 100.0 | 0 | 45 |
| Zn | precip | 80.16 | 15.18 | 1035.68 | 81471.3 | 100.0 | 0 | 45 |

ES0009R Campisabalos

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.13 | 0.03 | 1.42 | 58.2 | 100.0 | 2 | 33 |
| Cd | precip | 0.07 | 0.02 | 1.31 | 31.1 | 100.0 | 7 | 33 |
| Cr | precip | 6.33 | 1.88 | 36.90 | 2862.3 | 100.0 | 0 | 33 |
| Cu | precip | 12.76 | 0.46 | 163.08 | 5773.9 | 100.0 | 1 | 33 |
| Ni | precip | 1.88 | 0.52 | 16.14 | 848.6 | 100.0 | 5 | 33 |
| Pb | precip | 3.31 | 0.17 | 37.37 | 1497.2 | 100.0 | 0 | 33 |
| Zn | precip | 52.02 | 10.42 | 714.84 | 23533.6 | 100.0 | 0 | 33 |

FI0008R Kevo

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Al | precip | 3.47 | 1.01 | 16.17 | 1317.8 | 100.0 | 0 | 12 |
| As | precip | 0.05 | 0.00 | 0.17 | 19.9 | 100.0 | 3 | 12 |
| Cd | precip | 0.03 | 0.00 | 0.07 | 10.1 | 100.0 | 0 | 12 |
| Co | precip | 0.02 | 0.00 | 0.07 | 6.0 | 100.0 | 0 | 12 |
| Cr | precip | 0.13 | 0.01 | 0.32 | 48.6 | 100.0 | 2 | 12 |
| Cu | precip | 1.78 | 0.99 | 8.01 | 674.8 | 100.0 | 0 | 12 |
| Fe | precip | 9.71 | 3.49 | 24.88 | 3687.8 | 100.0 | 0 | 12 |
| Mn | precip | 1.59 | 0.13 | 7.59 | 603.6 | 100.0 | 0 | 12 |
| Ni | precip | 0.40 | 0.04 | 2.00 | 150.2 | 100.0 | 0 | 12 |
| Pb | precip | 0.28 | 0.11 | 1.04 | 106.2 | 100.0 | 0 | 12 |
| V | precip | 0.13 | 0.05 | 0.48 | 49.8 | 100.0 | 0 | 12 |
| Zn | precip | 1.65 | 0.55 | 8.59 | 627.8 | 100.0 | 0 | 12 |

FI0017R Virolahti II

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Al | precip | 48.84 | 9.04 | 174.02 | 29944.2 | 100.0 | 0 | 12 |
| As | precip | 0.14 | 0.05 | 0.36 | 88.5 | 100.0 | 0 | 12 |
| Cd | precip | 0.06 | 0.03 | 0.20 | 38.2 | 100.0 | 0 | 12 |
| Co | precip | 0.04 | 0.01 | 0.11 | 24.2 | 100.0 | 0 | 12 |
| Cr | precip | 0.29 | 0.13 | 0.52 | 175.4 | 100.0 | 0 | 12 |
| Cu | precip | 1.69 | 0.86 | 6.29 | 1033.4 | 100.0 | 0 | 12 |
| Fe | precip | 82.35 | 12.53 | 387.44 | 50493.7 | 100.0 | 0 | 12 |
| Mn | precip | 3.75 | 1.09 | 11.51 | 2299.9 | 100.0 | 0 | 12 |
| Ni | precip | 0.23 | 0.12 | 0.85 | 141.3 | 100.0 | 0 | 12 |
| Pb | precip | 1.76 | 0.64 | 4.42 | 1078.2 | 100.0 | 0 | 12 |
| V | precip | 0.59 | 0.30 | 2.38 | 359.4 | 100.0 | 0 | 12 |
| Zn | precip | 6.17 | 3.68 | 18.67 | 3782.3 | 100.0 | 0 | 12 |

FI0022R Oulanka

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Al | precip | 4.86 | 1.28 | 11.48 | 2513.4 | 100.0 | 0 | 12 |
| As | precip | 0.12 | 0.00 | 0.52 | 59.5 | 100.0 | 1 | 12 |
| Cd | precip | 0.03 | 0.01 | 0.09 | 15.3 | 100.0 | 0 | 12 |
| Co | precip | 0.01 | 0.01 | 0.02 | 5.6 | 100.0 | 0 | 12 |
| Cr | precip | 0.12 | 0.01 | 0.26 | 61.0 | 100.0 | 1 | 12 |
| Cu | precip | 1.74 | 0.74 | 4.78 | 899.0 | 100.0 | 0 | 12 |
| Fe | precip | 10.61 | 3.44 | 32.83 | 5488.7 | 100.0 | 0 | 12 |
| Mn | precip | 1.19 | 0.38 | 3.09 | 617.9 | 100.0 | 0 | 12 |
| Ni | precip | 0.13 | 0.01 | 0.47 | 67.1 | 100.0 | 1 | 12 |
| Pb | precip | 0.44 | 0.17 | 0.87 | 226.0 | 100.0 | 0 | 12 |
| V | precip | 0.20 | 0.10 | 0.68 | 104.8 | 100.0 | 0 | 12 |
| Zn | precip | 2.04 | 0.61 | 5.66 | 1054.3 | 100.0 | 0 | 12 |

FI0036R Pallas (Matorova)

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Al | precip | 3.27 | 1.07 | 27.75 | 1992.8 | 100.0 | 0 | 12 |
| As | precip | 0.03 | 0.00 | 0.17 | 15.2 | 100.0 | 4 | 12 |
| Cd | precip | 0.02 | 0.01 | 0.05 | 11.4 | 100.0 | 0 | 12 |
| Co | precip | 0.01 | 0.00 | 0.04 | 3.9 | 100.0 | 0 | 12 |
| Cr | precip | 0.07 | 0.01 | 0.33 | 43.3 | 100.0 | 3 | 12 |
| Cu | precip | 0.94 | 0.41 | 12.41 | 574.3 | 100.0 | 0 | 12 |
| Fe | precip | 7.98 | 2.45 | 41.78 | 4865.5 | 100.0 | 0 | 12 |
| Mn | precip | 1.04 | 0.20 | 3.32 | 633.9 | 100.0 | 0 | 12 |
| Ni | precip | 0.09 | 0.01 | 0.56 | 53.3 | 100.0 | 2 | 12 |
| Pb | precip | 0.30 | 0.10 | 1.98 | 183.0 | 100.0 | 0 | 12 |
| V | precip | 0.15 | 0.06 | 0.89 | 94.2 | 100.0 | 0 | 12 |
| Zn | precip | 1.52 | 0.71 | 12.34 | 928.9 | 100.0 | 0 | 12 |

FI0053R Hailuoto II

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Al | precip | 12.43 | 3.19 | 64.91 | 5621.8 | 100.0 | 0 | 12 |
| As | precip | 0.04 | 0.00 | 0.43 | 18.8 | 100.0 | 2 | 12 |
| Cd | precip | 0.03 | 0.01 | 0.15 | 13.4 | 100.0 | 0 | 12 |
| Co | precip | 0.04 | 0.02 | 0.29 | 18.6 | 100.0 | 0 | 12 |
| Cr | precip | 0.16 | 0.05 | 0.96 | 74.2 | 100.0 | 0 | 12 |
| Cu | precip | 1.93 | 0.85 | 6.78 | 873.7 | 100.0 | 0 | 12 |
| Fe | precip | 24.89 | 3.24 | 179.02 | 11259.0 | 100.0 | 0 | 12 |
| Mn | precip | 2.03 | 1.05 | 10.37 | 919.4 | 100.0 | 0 | 12 |
| Ni | precip | 0.17 | 0.03 | 1.68 | 76.1 | 100.0 | 0 | 12 |
| Pb | precip | 0.66 | 0.24 | 3.80 | 296.9 | 100.0 | 0 | 12 |
| V | precip | 0.43 | 0.19 | 3.78 | 196.8 | 100.0 | 0 | 12 |
| Zn | precip | 3.21 | 1.27 | 18.90 | 1451.7 | 100.0 | 0 | 12 |

FI0092R Hietajärvi

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Al | precip | 8.94 | 2.21 | 24.61 | 6546.7 | 100.0 | 0 | 12 |
| As | precip | 0.05 | 0.01 | 0.20 | 35.1 | 100.0 | 0 | 12 |
| Cd | precip | 0.03 | 0.01 | 0.12 | 25.2 | 100.0 | 0 | 12 |
| Co | precip | 0.01 | 0.00 | 0.03 | 8.9 | 100.0 | 0 | 12 |
| Cr | precip | 0.11 | 0.01 | 0.32 | 81.3 | 100.0 | 1 | 12 |
| Cu | precip | 1.08 | 0.41 | 1.83 | 787.7 | 100.0 | 0 | 12 |
| Fe | precip | 14.20 | 4.66 | 27.69 | 10394.0 | 100.0 | 0 | 12 |
| Mn | precip | 1.28 | 0.37 | 2.77 | 935.0 | 100.0 | 0 | 12 |
| Ni | precip | 0.09 | 0.04 | 0.21 | 63.7 | 100.0 | 0 | 12 |
| Pb | precip | 0.83 | 0.17 | 3.35 | 611.3 | 100.0 | 0 | 12 |
| V | precip | 0.26 | 0.09 | 0.66 | 192.0 | 100.0 | 0 | 12 |
| Zn | precip | 2.67 | 1.19 | 7.68 | 1955.1 | 100.0 | 0 | 12 |

FI0093R Kotinen

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Al | precip | 10.37 | 2.75 | 36.54 | 6274.9 | 100.0 | 0 | 12 |
| As | precip | 0.07 | 0.02 | 0.19 | 43.2 | 100.0 | 0 | 12 |
| Cd | precip | 0.04 | 0.02 | 0.09 | 24.0 | 100.0 | 0 | 12 |
| Co | precip | 0.02 | 0.01 | 0.04 | 10.8 | 100.0 | 0 | 12 |
| Cr | precip | 0.15 | 0.01 | 0.28 | 92.5 | 100.0 | 1 | 12 |
| Cu | precip | 1.28 | 0.55 | 3.12 | 772.3 | 100.0 | 0 | 12 |
| Fe | precip | 18.78 | 7.12 | 51.88 | 11365.6 | 100.0 | 0 | 12 |
| Mn | precip | 2.40 | 0.77 | 6.24 | 1450.4 | 100.0 | 0 | 12 |
| Ni | precip | 0.14 | 0.07 | 0.38 | 87.1 | 100.0 | 0 | 12 |
| Pb | precip | 0.80 | 0.27 | 2.11 | 482.8 | 100.0 | 0 | 12 |
| V | precip | 0.33 | 0.20 | 0.86 | 201.1 | 100.0 | 0 | 12 |
| Zn | precip | 3.42 | 1.56 | 7.36 | 2069.5 | 100.0 | 0 | 12 |

FI0096G Pallas (Sammaltunturi)

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Hg | precip | 5.78 | 2.80 | 18.30 | 2521.9 | 100.0 | 0 | 11 |

FR0013R Peyrusse Vieille

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.04 | 0.01 | 0.16 | 29.5 | 99.7 | 18 | 25 |
| Cd | precip | 0.03 | 0.01 | 0.36 | 19.6 | 99.7 | 20 | 25 |
| Cr | precip | 0.69 | 0.03 | 3.60 | 461.5 | 99.7 | 9 | 25 |
| Cu | precip | 0.43 | 0.11 | 4.91 | 291.2 | 99.7 | 0 | 25 |
| Hg | precip | 10.68 | 10.00 | 46.00 | 4450.4 | 100.0 | 12 | 14 |
| Ni | precip | 0.23 | 0.05 | 0.87 | 157.0 | 99.7 | 4 | 25 |
| Pb | precip | 0.37 | 0.05 | 2.25 | 249.3 | 99.7 | 3 | 25 |
| Zn | precip | 3.57 | 1.47 | 28.87 | 2394.5 | 99.7 | 0 | 25 |

FR0090R Porspoder

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.10 | 0.03 | 0.33 | 122.4 | 100.0 | 0 | 12 |
| Cd | precip | 0.05 | 0.01 | 0.20 | 65.8 | 100.0 | 0 | 12 |
| Cr | precip | 0.40 | 0.11 | 1.35 | 487.8 | 100.0 | 0 | 12 |
| Cu | precip | 1.08 | 0.38 | 4.91 | 1327.4 | 100.0 | 0 | 12 |
| Ni | precip | 1.80 | 1.21 | 4.20 | 2209.2 | 100.0 | 0 | 12 |
| Pb | precip | 1.26 | 0.21 | 4.85 | 1548.4 | 100.0 | 0 | 12 |
| Zn | precip | 3.34 | 0.89 | 17.14 | 4097.2 | 100.0 | 0 | 12 |

GB0006R Lough Navar

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.18 | 0.13 | 0.26 | 256.9 | 100.0 | 0 | 12 |
| Cd | precip | 0.01 | 0.00 | 0.01 | 6.9 | 100.0 | 1 | 12 |
| Cr | precip | 0.08 | 0.02 | 0.36 | 111.7 | 100.0 | 3 | 12 |
| Cu | precip | 0.22 | 0.10 | 0.42 | 323.1 | 100.0 | 0 | 12 |
| Ni | precip | 0.20 | 0.01 | 0.91 | 292.7 | 100.0 | 3 | 12 |
| Pb | precip | 0.11 | 0.03 | 0.25 | 153.7 | 85.5 | 2 | 11 |
| Zn | precip | 5.03 | 0.50 | 29.50 | 7268.8 | 100.0 | 8 | 12 |

GB0013R Yarner Wood

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.06 | 0.03 | 0.39 | 89.6 | 84.4 | 0 | 34 |
| Cd | precip | 0.01 | 0.00 | 0.20 | 11.1 | 84.4 | 5 | 34 |
| Cr | precip | 0.07 | 0.02 | 0.38 | 93.5 | 84.4 | 9 | 34 |
| Cu | precip | 0.20 | 0.04 | 3.40 | 286.9 | 84.4 | 0 | 34 |
| Hg | precip | 4.64 | 2.80 | 6.70 | 5858.8 | 28.4 | 0 | 3 |
| Ni | precip | 0.15 | 0.04 | 1.19 | 216.2 | 84.4 | 0 | 34 |
| Pb | precip | 0.26 | 0.03 | 5.05 | 370.5 | 84.4 | 7 | 34 |
| Zn | precip | 1.18 | 0.50 | 23.50 | 1652.3 | 84.4 | 13 | 34 |

GB0017R Heigham Holmes

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.11 | 0.07 | 0.24 | 67.0 | 100.0 | 0 | 8 |
| Cd | precip | 0.02 | 0.01 | 0.05 | 11.7 | 100.0 | 0 | 8 |
| Cr | precip | 0.06 | 0.04 | 0.19 | 34.2 | 100.0 | 0 | 8 |
| Cu | precip | 0.57 | 0.35 | 0.96 | 337.4 | 100.0 | 0 | 8 |
| Hg | precip | 7.15 | 2.00 | 15.00 | 2786.6 | 26.1 | 0 | 4 |
| Ni | precip | 0.22 | 0.14 | 0.52 | 126.9 | 100.0 | 0 | 8 |
| Pb | precip | 0.57 | 0.37 | 1.07 | 331.9 | 100.0 | 0 | 8 |
| Zn | precip | 7.18 | 1.71 | 11.50 | 4210.2 | 100.0 | 0 | 8 |

GB0091R Banchory

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.08 | 0.02 | 0.45 | 65.8 | 93.1 | 0 | 33 |
| Cd | precip | 0.01 | 0.00 | 0.05 | 5.7 | 93.1 | 5 | 33 |
| Cr | precip | 0.06 | 0.02 | 1.05 | 52.5 | 93.1 | 9 | 33 |
| Cu | precip | 0.21 | 0.04 | 2.38 | 172.2 | 93.1 | 0 | 33 |
| Hg | precip | 4.69 | 1.90 | 15.00 | 2692.0 | 100.0 | 0 | 14 |
| Ni | precip | 0.07 | 0.00 | 0.45 | 59.9 | 93.1 | 4 | 33 |
| Pb | precip | 0.27 | 0.03 | 7.14 | 226.1 | 93.1 | 11 | 33 |
| Zn | precip | 1.45 | 0.25 | 10.10 | 1200.9 | 93.1 | 9 | 33 |

HU0002R K-puszta

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Cd | precip | 0.10 | 0.01 | 10.00 | 30.0 | 100.0 | 1 | 12 |
| Pb | precip | 3.19 | 0.00 | 15.06 | 984.3 | 100.0 | 0 | 12 |

IE0001R Valentia Observatory

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Al | precip | 8.37 | 5.00 | 22.40 | 11276.5 | 92.2 | 8 | 11 |
| As | precip | 0.50 | 0.50 | 0.50 | 673.4 | 92.2 | 11 | 11 |
| Cd | precip | 0.05 | 0.05 | 0.05 | 67.3 | 92.2 | 11 | 11 |
| Cr | precip | 0.50 | 0.50 | 0.50 | 673.4 | 92.2 | 11 | 11 |
| Cu | precip | 1.72 | 0.50 | 4.60 | 2321.1 | 92.2 | 6 | 11 |
| Hg | precip | 50.00 | 50.00 | 50.00 | 67335.4 | 92.2 | 11 | 11 |
| Mn | precip | 4.54 | 0.50 | 11.20 | 6115.3 | 92.2 | 2 | 11 |
| Ni | precip | 0.62 | 0.50 | 2.40 | 830.6 | 92.2 | 10 | 11 |
| Pb | precip | 0.50 | 0.50 | 0.50 | 673.4 | 92.2 | 11 | 11 |
| V | precip | 0.50 | 0.50 | 0.50 | 673.4 | 92.2 | 11 | 11 |
| Zn | precip | 9.60 | 0.50 | 38.50 | 12931.7 | 92.2 | 3 | 11 |

IS0090R Reykjavik

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Al | precip | 179.19 | 12.70 | 1517.00 | 186537.7 | 100.0 | 0 | 46 |
| As | precip | 0.42 | 0.03 | 2.83 | 434.5 | 100.0 | 7 | 46 |
| Cd | precip | 0.01 | 0.01 | 0.04 | 8.5 | 100.0 | 27 | 46 |
| Cr | precip | 0.47 | 0.05 | 1.84 | 487.5 | 100.0 | 9 | 46 |
| Cu | precip | 1.98 | 0.45 | 14.07 | 2065.6 | 100.0 | 0 | 46 |
| Fe | precip | 122.74 | 5.00 | 1115.00 | 127771.6 | 100.0 | 8 | 46 |
| Mn | precip | 2.72 | 0.28 | 21.70 | 2832.2 | 100.0 | 0 | 46 |
| Ni | precip | 0.67 | 0.05 | 8.26 | 693.7 | 100.0 | 6 | 46 |
| Pb | precip | 0.22 | 0.05 | 1.37 | 229.1 | 100.0 | 0 | 46 |
| V | precip | 2.19 | 0.21 | 11.56 | 2278.4 | 100.0 | 0 | 46 |
| Zn | precip | 4.90 | 0.81 | 48.37 | 5096.6 | 100.0 | 0 | 46 |

IS0091R Storhofdi

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.05 | 0.00 | 0.20 | 100.4 | 99.6 | 3 | 50 |
| Cd | precip | 0.01 | 0.00 | 0.05 | 18.3 | 99.6 | 11 | 50 |
| Cr | precip | 0.11 | 0.02 | 1.28 | 211.3 | 99.7 | 6 | 51 |
| Cu | precip | 0.54 | 0.12 | 4.05 | 1012.5 | 99.7 | 0 | 51 |
| Fe | precip | 123.10 | 13.70 | 1124.10 | 231770.0 | 99.7 | 0 | 51 |
| Mn | precip | 2.19 | 0.29 | 20.16 | 4113.5 | 99.7 | 0 | 51 |
| Ni | precip | 0.82 | 0.13 | 8.12 | 1550.3 | 99.7 | 12 | 51 |
| Pb | precip | 0.18 | 0.04 | 0.97 | 341.9 | 99.6 | 0 | 50 |
| V | precip | 0.46 | 0.06 | 4.27 | 872.2 | 99.7 | 0 | 51 |
| Zn | precip | 8.48 | 1.19 | 27.35 | 15959.5 | 99.6 | 0 | 50 |

IT0001R Montelibretti

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Cd | precip | 15.41 | 2.20 | 999.99 | 8603.4 | 100.0 | 0 | 365 |
| Cu | precip | 3.18 | 0.20 | 999.99 | 1772.9 | 100.0 | 0 | 365 |
| Pb | precip | 0.72 | 0.08 | 999.99 | 399.7 | 100.0 | 0 | 365 |
| Zn | precip | 30.83 | 5.20 | 999.99 | 17206.0 | 100.0 | 0 | 365 |

LV0010R Rucava

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.29 | 0.02 | 1.18 | 273.9 | 97.0 | 40 | 42 |
| Cd | precip | 0.06 | 0.01 | 0.52 | 53.4 | 96.4 | 27 | 41 |
| Cr | precip | 0.94 | 0.01 | 8.04 | 892.2 | 91.0 | 26 | 38 |
| Cu | precip | 2.65 | 0.70 | 19.40 | 2508.6 | 93.6 | 5 | 38 |
| Hg | precip | 25.77 | 10.00 | 80.00 | 24402.3 | 77.9 | 30 | 31 |
| Mn | precip | 3.97 | 0.67 | 39.94 | 3757.4 | 96.4 | 19 | 41 |
| Ni | precip | 0.66 | 0.03 | 3.47 | 620.3 | 96.4 | 26 | 41 |
| Pb | precip | 2.51 | 0.10 | 13.90 | 2373.7 | 94.6 | 3 | 38 |
| Zn | precip | 22.62 | 3.55 | 136.59 | 21416.8 | 96.4 | 0 | 41 |

LV0016R Zoseni

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.37 | 0.02 | 1.07 | 286.3 | 99.6 | 41 | 43 |
| Cd | precip | 0.05 | 0.01 | 0.34 | 39.9 | 99.6 | 36 | 43 |
| Cr | precip | 0.30 | 0.01 | 0.98 | 232.3 | 86.1 | 38 | 39 |
| Cu | precip | 3.02 | 0.30 | 13.60 | 2343.8 | 98.0 | 1 | 40 |
| Hg | precip | 28.84 | 10.00 | 90.00 | 22392.9 | 77.0 | 29 | 30 |
| Mn | precip | 4.63 | 0.40 | 25.30 | 3595.1 | 99.3 | 19 | 42 |
| Ni | precip | 0.62 | 0.07 | 4.30 | 479.9 | 99.6 | 30 | 43 |
| Pb | precip | 1.11 | 0.10 | 5.80 | 862.4 | 99.3 | 2 | 42 |
| Zn | precip | 24.04 | 9.60 | 98.60 | 18668.9 | 98.8 | 0 | 42 |

NL0091R De Zilk

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Hg | precip | 9.61 | 5.00 | 20.00 | 7299.6 | 99.9 | 0 | 44 |

NO0001R Birkenes

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.10 | 0.05 | 0.46 | 133.4 | 99.9 | 29 | 50 |
| Cd | precip | 0.02 | 0.00 | 0.10 | 32.1 | 99.9 | 50 | 50 |
| Co | precip | 0.02 | 0.01 | 0.51 | 21.4 | 99.9 | 47 | 50 |
| Cu | precip | 0.37 | 0.05 | 8.05 | 499.2 | 99.9 | 30 | 50 |
| Hg | precip | 6.30 | 2.68 | 28.00 | 9073.6 | 100.0 | 0 | 17 |
| Ni | precip | 0.23 | 0.10 | 12.55 | 303.6 | 99.9 | 41 | 50 |
| Pb | precip | 0.67 | 0.12 | 2.57 | 899.7 | 99.9 | 0 | 50 |
| V | precip | 0.64 | 0.14 | 1.98 | 855.2 | 99.9 | 23 | 50 |
| Zn | precip | 2.77 | 0.57 | 40.42 | 3735.1 | 99.9 | 0 | 50 |

NO0039R Kårvatn

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Cd | precip | 0.01 | 0.00 | 0.07 | 13.7 | 100.0 | 54 | 54 |
| Pb | precip | 0.09 | 0.03 | 1.05 | 163.2 | 100.0 | 31 | 54 |
| Zn | precip | 0.92 | 0.14 | 13.27 | 1740.4 | 100.0 | 13 | 54 |

NO0047R Svanvik

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 1.83 | 0.05 | 11.28 | 737.5 | 99.6 | 2 | 49 |
| Cd | precip | 0.23 | 0.01 | 2.78 | 93.0 | 99.6 | 25 | 49 |
| Co | precip | 1.14 | 0.04 | 7.62 | 459.6 | 99.6 | 7 | 49 |
| Cr | precip | 0.61 | 0.10 | 2.77 | 246.9 | 99.6 | 35 | 49 |
| Cu | precip | 41.61 | 0.73 | 201.80 | 16775.7 | 99.6 | 0 | 49 |
| Ni | precip | 45.22 | 0.80 | 266.60 | 18231.4 | 99.6 | 0 | 49 |
| Pb | precip | 1.25 | 0.06 | 10.32 | 503.3 | 99.6 | 1 | 49 |
| Zn | precip | 4.53 | 0.72 | 34.43 | 1825.6 | 99.6 | 0 | 49 |

NO0055R Karasjok

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Cd | precip | 0.03 | 0.00 | 0.38 | 14.0 | 99.9 | 49 | 53 |
| Pb | precip | 0.47 | 0.07 | 7.99 | 226.2 | 99.9 | 3 | 53 |
| Zn | precip | 4.67 | 1.12 | 39.54 | 2252.0 | 99.9 | 0 | 53 |

NO0056R Hurdal

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Cd | precip | 0.07 | 0.00 | 0.31 | 59.2 | 99.8 | 34 | 46 |
| Pb | precip | 0.91 | 0.14 | 4.58 | 822.7 | 99.8 | 0 | 46 |
| Zn | precip | 10.29 | 2.38 | 64.16 | 9352.2 | 99.8 | 0 | 46 |

PL0004R Leba

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Cd | precip | 0.04 | 0.02 | 0.06 | 30.0 | 100.0 | 0 | 12 |
| Cr | precip | 0.08 | 0.04 | 0.13 | 62.0 | 100.0 | 0 | 12 |
| Cu | precip | 0.84 | 0.42 | 2.09 | 650.6 | 100.0 | 0 | 12 |
| Ni | precip | 0.20 | 0.11 | 0.35 | 150.8 | 100.0 | 0 | 12 |
| Pb | precip | 0.65 | 0.11 | 1.61 | 499.8 | 100.0 | 0 | 12 |
| Zn | precip | 3.77 | 2.07 | 7.94 | 2924.4 | 100.0 | 0 | 12 |

PL0005R Diabla Gora

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.31 | 0.00 | 1.40 | 177.6 | 100.0 | 0 | 52 |
| Cd | precip | 0.06 | 0.00 | 0.67 | 36.2 | 100.0 | 0 | 52 |
| Cr | precip | 0.05 | 0.00 | 0.62 | 29.2 | 100.0 | 0 | 52 |
| Cu | precip | 1.37 | 0.00 | 25.00 | 789.8 | 100.0 | 0 | 52 |
| Hg | precip | 58.36 | 3.00 | 162.00 | 33617.8 | 97.6 | 0 | 38 |
| Ni | precip | 0.52 | 0.00 | 4.20 | 299.9 | 100.0 | 0 | 52 |
| Pb | precip | 0.91 | 0.00 | 13.00 | 525.3 | 100.0 | 0 | 52 |
| Zn | precip | 4.08 | 0.00 | 47.00 | 2352.3 | 100.0 | 0 | 52 |

PT0001R Braganca

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Cd | precip | 0.45 | 0.42 | 1.30 | 204.9 | 70.9 | 22 | 23 |
| Cu | precip | 1.37 | 0.33 | 8.76 | 631.2 | 70.9 | 6 | 23 |
| Mn | precip | 5.10 | 1.07 | 30.73 | 2342.7 | 70.9 | 16 | 23 |
| Ni | precip | 0.78 | 0.78 | 0.78 | 356.1 | 70.9 | 23 | 23 |
| Pb | precip | 0.89 | 0.65 | 9.54 | 409.1 | 70.9 | 21 | 23 |
| Zn | precip | 14.98 | 1.00 | 150.00 | 6884.4 | 45.5 | 10 | 14 |

PT0003R Viana do Castelo

January 2007 - May 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Cd | precip | 0.42 | 0.42 | 0.42 | 336.8 | 36.8 | 22 | 22 |
| Cu | precip | 2.60 | 0.33 | 23.93 | 2057.3 | 36.8 | 2 | 22 |
| Mn | precip | 1.65 | 1.07 | 12.38 | 1306.7 | 36.8 | 18 | 22 |
| Ni | precip | 0.95 | 0.53 | 7.00 | 753.4 | 36.8 | 19 | 22 |
| Pb | precip | 4.54 | 0.65 | 27.14 | 3598.1 | 36.8 | 17 | 22 |
| Zn | precip | 7.77 | 0.12 | 30.00 | 6154.6 | 36.8 | 13 | 22 |

PT0004R Monte Velho

January 2007 - June 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Cd | precip | 0.42 | 0.42 | 0.42 | 150.7 | 85.9 | 19 | 19 |
| Cu | precip | 0.94 | 0.33 | 9.55 | 332.4 | 85.9 | 8 | 19 |
| Mn | precip | 3.79 | 1.07 | 42.84 | 1343.9 | 85.9 | 11 | 19 |
| Ni | precip | 1.15 | 0.78 | 5.22 | 407.2 | 85.9 | 16 | 19 |
| Pb | precip | 0.74 | 0.65 | 5.12 | 262.1 | 85.9 | 18 | 19 |
| Zn | precip | 8.43 | 1.00 | 100.00 | 2988.3 | 50.9 | 9 | 14 |

PT0010R Angra do Heroismo

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Cd | precip | 0.42 | 0.42 | 0.42 | 415.2 | 98.0 | 34 | 34 |
| Cu | precip | 1.21 | 0.33 | 3.92 | 1186.0 | 98.0 | 19 | 34 |
| Mn | precip | 1.26 | 1.07 | 4.31 | 1231.4 | 98.0 | 30 | 34 |
| Ni | precip | 1.24 | 0.78 | 3.79 | 1208.0 | 98.0 | 26 | 34 |
| Pb | precip | 0.65 | 0.65 | 0.65 | 630.2 | 98.0 | 34 | 34 |
| Zn | precip | 32.01 | 0.10 | 140.00 | 31276.8 | 58.8 | 7 | 19 |

SE0014R Råö

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| Hg | precip | 11.00 | 5.90 | 21.10 | 6952.5 | 100.0 | 0 | 12 |

SE0051R Arup

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.14 | 0.05 | 0.28 | 147.4 | 95.5 | 0 | 11 |
| Cd | precip | 0.03 | 0.01 | 0.07 | 27.9 | 95.5 | 0 | 11 |
| Co | precip | 0.02 | 0.01 | 0.05 | 22.5 | 95.5 | 0 | 11 |
| Cr | precip | 0.13 | 0.05 | 0.44 | 135.8 | 95.5 | 0 | 11 |
| Cu | precip | 0.79 | 0.21 | 3.13 | 832.7 | 95.5 | 0 | 11 |
| Mn | precip | 4.07 | 0.80 | 14.30 | 4270.1 | 95.5 | 0 | 11 |
| Ni | precip | 0.28 | 0.13 | 0.73 | 289.9 | 95.5 | 0 | 11 |
| Pb | precip | 0.47 | 0.25 | 0.82 | 497.4 | 95.5 | 0 | 11 |
| V | precip | 0.64 | 0.10 | 1.60 | 675.1 | 95.5 | 0 | 11 |
| Zn | precip | 6.39 | 2.27 | 20.27 | 6711.2 | 95.5 | 0 | 11 |

SE0097R Gårdsjön

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.15 | 0.05 | 0.28 | 171.0 | 100.0 | 0 | 11 |
| Cd | precip | 0.03 | 0.01 | 0.09 | 31.3 | 100.0 | 0 | 11 |
| Co | precip | 0.03 | 0.01 | 0.04 | 30.2 | 100.0 | 0 | 11 |
| Cr | precip | 0.19 | 0.05 | 0.34 | 218.7 | 100.0 | 0 | 11 |
| Cu | precip | 1.12 | 0.26 | 3.70 | 1304.9 | 100.0 | 0 | 11 |
| Mn | precip | 1.34 | 0.60 | 2.80 | 1562.5 | 100.0 | 0 | 11 |
| Ni | precip | 0.29 | 0.13 | 0.73 | 342.8 | 100.0 | 0 | 11 |
| Pb | precip | 0.58 | 0.18 | 1.30 | 681.8 | 100.0 | 0 | 11 |
| V | precip | 0.87 | 0.40 | 1.50 | 1010.0 | 100.0 | 0 | 11 |
| Zn | precip | 5.10 | 1.90 | 10.00 | 5944.9 | 100.0 | 0 | 11 |

SK0002R Chopok

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.15 | 0.03 | 0.39 | 137.6 | 100.0 | 0 | 12 |
| Cd | precip | 0.06 | 0.01 | 0.20 | 58.7 | 100.0 | 0 | 12 |
| Cr | precip | 0.13 | 0.04 | 0.26 | 124.0 | 100.0 | 0 | 12 |
| Cu | precip | 0.70 | 0.31 | 2.26 | 655.4 | 100.0 | 0 | 12 |
| Ni | precip | 0.48 | 0.05 | 0.93 | 450.9 | 100.0 | 0 | 12 |
| Pb | precip | 1.94 | 0.86 | 5.40 | 1822.5 | 100.0 | 0 | 12 |
| Zn | precip | 20.37 | 6.08 | 55.42 | 19151.2 | 100.0 | 0 | 12 |

SK0004R Stará Lesná

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.12 | 0.03 | 0.84 | 82.8 | 100.0 | 0 | 12 |
| Cd | precip | 0.09 | 0.02 | 0.45 | 58.1 | 100.0 | 0 | 12 |
| Cr | precip | 0.07 | 0.02 | 0.69 | 50.8 | 100.0 | 0 | 12 |
| Cu | precip | 0.99 | 0.13 | 9.12 | 666.9 | 100.0 | 0 | 12 |
| Ni | precip | 0.28 | 0.05 | 1.46 | 186.6 | 100.0 | 0 | 12 |
| Pb | precip | 1.18 | 0.17 | 8.29 | 796.7 | 100.0 | 0 | 12 |
| Zn | precip | 10.73 | 6.08 | 58.33 | 7228.4 | 100.0 | 0 | 12 |

SK0006R Starina

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.13 | 0.03 | 0.31 | 79.5 | 100.0 | 0 | 12 |
| Cd | precip | 0.06 | 0.02 | 0.19 | 39.4 | 100.0 | 0 | 12 |
| Cr | precip | 0.07 | 0.02 | 0.29 | 44.2 | 100.0 | 0 | 12 |
| Cu | precip | 0.93 | 0.26 | 2.97 | 580.4 | 100.0 | 0 | 12 |
| Ni | precip | 0.40 | 0.06 | 1.61 | 248.4 | 100.0 | 0 | 12 |
| Pb | precip | 1.72 | 0.35 | 5.85 | 1074.3 | 100.0 | 0 | 12 |
| Zn | precip | 9.76 | 5.04 | 20.65 | 6104.2 | 100.0 | 0 | 12 |

SK0007R Topolniky

January 2007 - December 2007

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| As | precip | 0.10 | 0.00 | 0.35 | 58.4 | 100.0 | 0 | 12 |
| Cd | precip | 0.04 | 0.00 | 0.08 | 22.1 | 100.0 | 0 | 12 |
| Cr | precip | 0.07 | 0.00 | 0.18 | 38.0 | 100.0 | 0 | 12 |
| Cu | precip | 1.28 | 0.00 | 10.19 | 728.5 | 100.0 | 0 | 12 |
| Ni | precip | 0.44 | 0.00 | 1.38 | 249.1 | 96.5 | 0 | 11 |
| Pb | precip | 0.92 | 0.00 | 2.37 | 527.2 | 100.0 | 0 | 12 |
| Zn | precip | 9.20 | 0.00 | 30.68 | 5254.2 | 100.0 | 0 | 12 |

# Annex 2

# Annual statistics for heavy metals in air

AT0002R Illmitz

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.65 | 0.45 | 0.51 | 2.37 | -0.05 | 0.02 | 0.54 | 1.65 | 1.72 | 16.7 | 4 | 61 |
| Cd | pm10 | 0.21 | 0.20 | 0.14 | 2.83 | 0.01 | 0.01 | 0.15 | 0.62 | 0.94 | 16.7 | 3 | 61 |
| Ni | pm10 | 0.92 | 0.62 | 0.75 | 1.94 | 0.09 | 0.26 | 0.79 | 2.42 | 3.39 | 16.7 | 0 | 61 |
| Pb | pm10 | 7.02 | 5.90 | 4.88 | 2.53 | 0.43 | 0.61 | 5.10 | 21.20 | 27.25 | 16.7 | 0 | 61 |

AT0005R Vorhegg

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.13 | 0.15 | 0.13 | 2.42 | -0.11 | -0.07 | 0.10 | 0.41 | 0.63 | 12.3 | 21 | 45 |
| Cd | pm10 | 0.09 | 0.10 | 0.05 | 3.53 | -0.01 | -0.00 | 0.05 | 0.35 | 0.43 | 12.3 | 9 | 45 |
| Ni | pm10 | 0.38 | 0.44 | 0.32 | 3.01 | -0.20 | -0.17 | 0.28 | 1.32 | 1.82 | 12.3 | 10 | 45 |
| Pb | pm10 | 3.30 | 3.00 | 1.95 | 3.31 | 0.05 | 0.27 | 2.74 | 10.65 | 12.26 | 12.3 | 2 | 45 |

AT0048R Zoebelboden

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.15 | 0.21 | 0.12 | 3.08 | -0.12 | -0.07 | 0.10 | 0.62 | 1.09 | 15.6 | 25 | 57 |
| Cd | pm10 | 0.07 | 0.09 | 0.05 | 3.01 | -0.01 | -0.01 | 0.04 | 0.26 | 0.36 | 15.6 | 17 | 57 |
| Ni | pm10 | 0.37 | 0.36 | 0.32 | 2.48 | -0.08 | -0.07 | 0.31 | 1.05 | 1.69 | 15.6 | 9 | 57 |
| Pb | pm10 | 2.54 | 2.57 | 1.58 | 2.94 | -0.10 | 0.16 | 1.61 | 8.63 | 10.50 | 15.6 | 6 | 57 |

BE0014R Koksijde

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.94 | 0.74 | 0.71 | 2.17 | 0.17 | 0.17 | 0.72 | 2.36 | 5.56 | 91.5 | 41 | 334 |
| Cd | aerosol | 0.24 | 0.26 | 0.14 | 3.21 | 0.02 | 0.02 | 0.15 | 0.70 | 1.53 | 91.5 | 58 | 334 |
| Cr | aerosol | 5.64 | 4.50 | 4.71 | 1.76 | 0.93 | 2.09 | 4.52 | 13.53 | 51.72 | 91.5 | 0 | 334 |
| Cu | aerosol | 9.38 | 4.02 | 8.71 | 1.46 | 3.62 | 4.87 | 8.69 | 16.69 | 41.82 | 91.5 | 0 | 334 |
| Hg | aerosol | 1.70 | 0.67 | 1.59 | 1.43 | 0.42 | 0.88 | 1.62 | 2.81 | 7.45 | 99.7 | 0 | 364 |
| Ni | aerosol | 6.62 | 5.99 | 5.24 | 1.92 | 1.00 | 2.09 | 5.08 | 15.29 | 77.53 | 91.5 | 0 | 334 |
| Pb | aerosol | 10.25 | 8.03 | 7.64 | 2.24 | 0.50 | 1.98 | 7.86 | 24.46 | 52.84 | 91.5 | 0 | 334 |
| Zn | aerosol | 42.12 | 31.72 | 32.61 | 2.12 | 3.47 | 9.37 | 34.76 | 99.08 | 267.00 | 91.5 | 8 | 334 |

CY0002R Ayia Marina

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.14 | 0.19 | 0.10 | 2.28 | 0.03 | 0.04 | 0.09 | 0.54 | 1.63 | 70.4 | 0 | 257 |
| Cd | aerosol | 0.07 | 0.21 | 0.04 | 2.65 | 0.01 | 0.01 | 0.03 | 0.18 | 3.10 | 78.9 | 0 | 288 |
| Hg | aerosol | 294.86 | 191.60 | 223.95 | 2.31 | 50.00 | 50.00 | 270.00 | 585.50 | 1000.00 | 19.7 | 0 | 72 |
| Ni | aerosol | 0.78 | 1.64 | 0.34 | 3.26 | 0.02 | 0.06 | 0.36 | 3.54 | 12.62 | 79.5 | 0 | 290 |
| Pb | aerosol | 3.16 | 4.87 | 1.53 | 4.09 | 0.02 | 0.04 | 2.45 | 8.00 | 42.00 | 76.2 | 0 | 278 |

CZ0001R Svratouch

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.85 | 0.72 | 0.64 | 2.18 | 0.03 | 0.19 | 0.64 | 2.43 | 4.49 | 44.1 | 0 | 161 |
| Cd | pm10 | 0.21 | 0.21 | 0.15 | 2.39 | 0.01 | 0.04 | 0.14 | 0.67 | 1.26 | 44.1 | 0 | 161 |
| Cu | pm10 | 2.22 | 1.14 | 1.87 | 1.99 | 0.02 | 0.59 | 2.04 | 4.39 | 5.74 | 44.1 | 1 | 161 |
| Mn | pm10 | 4.97 | 4.16 | 3.74 | 2.21 | 0.45 | 0.90 | 4.19 | 11.31 | 37.10 | 44.1 | 0 | 161 |
| Ni | pm10 | 0.73 | 0.59 | 0.49 | 2.82 | 0.04 | 0.04 | 0.60 | 1.73 | 3.97 | 44.1 | 0 | 161 |
| Pb | pm10 | 7.87 | 5.40 | 6.24 | 2.03 | 0.75 | 1.92 | 6.33 | 18.50 | 27.40 | 44.1 | 0 | 161 |

CZ0003R Kosetice

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.84 | 0.83 | 0.59 | 2.27 | 0.11 | 0.14 | 0.63 | 2.43 | 5.62 | 52.6 | 0 | 192 |
| As | pm25 | 0.68 | 0.71 | 0.45 | 2.57 | 0.01 | 0.08 | 0.48 | 1.95 | 5.11 | 53.4 | 1 | 195 |
| Cd | pm10 | 0.17 | 0.16 | 0.12 | 2.33 | 0.01 | 0.03 | 0.12 | 0.53 | 1.02 | 52.6 | 0 | 192 |
| Cd | pm25 | 0.14 | 0.15 | 0.10 | 2.41 | 0.01 | 0.03 | 0.09 | 0.43 | 1.02 | 53.4 | 0 | 195 |
| Cu | pm10 | 2.04 | 1.23 | 1.51 | 2.79 | 0.02 | 0.29 | 1.83 | 4.52 | 5.16 | 52.6 | 5 | 192 |
| Cu | pm25 | 1.18 | 0.81 | 0.80 | 3.16 | 0.02 | 0.02 | 1.14 | 2.67 | 4.97 | 53.4 | 11 | 195 |
| Hg | air | 1.18 | 0.58 | 1.07 | 1.58 | 0.29 | 0.37 | 1.13 | 2.58 | 3.72 | 11.5 | 0 | 42 |
| Hg | pm10 | 0.01 | 0.01 | 0.01 | 2.23 | 0.00 | 0.00 | 0.01 | 0.02 | 0.03 | 13.7 | 0 | 50 |
| Mn | pm10 | 5.33 | 3.50 | 4.19 | 2.10 | 0.65 | 0.99 | 4.58 | 12.04 | 19.70 | 52.6 | 0 | 192 |
| Mn | pm25 | 1.89 | 1.28 | 1.48 | 2.21 | 0.01 | 0.39 | 1.61 | 4.15 | 7.60 | 53.4 | 1 | 195 |
| Ni | pm10 | 0.50 | 0.40 | 0.33 | 2.85 | 0.04 | 0.04 | 0.41 | 1.39 | 1.89 | 52.1 | 0 | 190 |
| Ni | pm25 | 0.37 | 0.33 | 0.23 | 3.03 | 0.04 | 0.04 | 0.31 | 1.00 | 1.93 | 53.4 | 0 | 195 |
| Pb | pm10 | 5.47 | 4.86 | 3.96 | 2.23 | 0.67 | 1.21 | 3.74 | 15.61 | 29.70 | 52.6 | 0 | 192 |
| Pb | pm25 | 4.57 | 4.15 | 3.28 | 2.25 | 0.53 | 1.01 | 3.12 | 12.64 | 28.90 | 53.4 | 0 | 195 |

DE0001R Westerland

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.40 | 0.30 | 0.29 | 2.27 | 0.03 | 0.07 | 0.31 | 1.06 | 1.32 | 84.4 | 0 | 52 |
| Cd | aerosol | 0.11 | 0.13 | 0.06 | 3.28 | 0.00 | 0.00 | 0.06 | 0.34 | 0.81 | 84.4 | 0 | 52 |
| Co | aerosol | 0.06 | 0.04 | 0.04 | 2.53 | 0.00 | 0.00 | 0.05 | 0.16 | 0.18 | 84.4 | 0 | 52 |
| Cu | aerosol | 2.14 | 1.65 | 1.61 | 2.23 | 0.21 | 0.31 | 1.64 | 5.62 | 8.63 | 84.4 | 0 | 52 |
| Fe | aerosol | 55.30 | 42.48 | 41.78 | 2.18 | 6.60 | 8.84 | 43.90 | 138.81 | 236.10 | 84.4 | 0 | 52 |
| Mn | aerosol | 2.48 | 1.89 | 1.96 | 1.97 | 0.46 | 0.60 | 2.08 | 6.04 | 11.69 | 84.4 | 0 | 52 |
| Ni | aerosol | 1.74 | 0.93 | 1.50 | 1.75 | 0.43 | 0.44 | 1.53 | 3.76 | 4.28 | 84.4 | 0 | 52 |
| Pb | aerosol | 3.77 | 3.23 | 2.60 | 2.60 | 0.11 | 0.32 | 2.62 | 11.35 | 15.33 | 84.4 | 0 | 52 |
| V | aerosol | 2.68 | 1.90 | 2.10 | 2.07 | 0.24 | 0.65 | 2.16 | 6.54 | 8.47 | 84.4 | 0 | 52 |
| Sb | aerosol | 0.48 | 0.35 | 0.37 | 2.19 | 0.05 | 0.06 | 0.39 | 1.43 | 1.85 | 84.4 | 0 | 52 |

DE0002R Langenbrügge

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.53 | 0.38 | 0.43 | 1.89 | 0.11 | 0.18 | 0.36 | 1.40 | 1.64 | 85.5 | 0 | 52 |
| Cd | aerosol | 0.16 | 0.13 | 0.13 | 1.89 | 0.04 | 0.05 | 0.13 | 0.37 | 0.78 | 85.5 | 0 | 52 |
| Co | aerosol | 0.06 | 0.03 | 0.05 | 1.81 | 0.01 | 0.02 | 0.05 | 0.14 | 0.17 | 85.5 | 0 | 52 |
| Cu | aerosol | 2.62 | 1.01 | 2.45 | 1.45 | 0.85 | 1.29 | 2.50 | 4.69 | 6.50 | 85.5 | 0 | 52 |
| Fe | aerosol | 78.64 | 49.58 | 68.27 | 1.67 | 25.00 | 32.46 | 69.90 | 217.01 | 286.30 | 85.5 | 0 | 52 |
| Mn | aerosol | 3.66 | 2.00 | 3.24 | 1.64 | 1.06 | 1.31 | 3.17 | 9.23 | 10.38 | 85.5 | 0 | 52 |
| Ni | aerosol | 0.95 | 0.53 | 0.84 | 1.64 | 0.13 | 0.36 | 0.92 | 1.50 | 3.91 | 85.5 | 0 | 52 |
| Pb | aerosol | 5.41 | 3.47 | 4.59 | 1.77 | 1.17 | 1.55 | 4.22 | 15.37 | 16.52 | 85.5 | 0 | 52 |
| V | aerosol | 1.73 | 1.36 | 1.47 | 1.68 | 0.51 | 0.72 | 1.48 | 4.20 | 9.13 | 85.5 | 0 | 52 |
| Zn | aerosol | 17.91 | 15.13 | 13.44 | 2.26 | 1.80 | 1.80 | 15.25 | 49.42 | 92.30 | 85.5 | 0 | 52 |
| Sb | aerosol | 0.64 | 0.30 | 0.58 | 1.57 | 0.20 | 0.24 | 0.56 | 1.31 | 1.48 | 85.5 | 0 | 52 |
| Hg (TGM) | air | 1.79 | 0.39 | 1.77 | 1.17 | 1.29 | 1.46 | 1.74 | 2.27 | 6.83 | 96.4 | 0 | 352 |

DE0003R Schauinsland

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.24 | 0.17 | 0.18 | 2.32 | 0.01 | 0.05 | 0.19 | 0.65 | 0.72 | 85.5 | 0 | 52 |
| Cd | aerosol | 0.08 | 0.06 | 0.06 | 2.31 | 0.01 | 0.01 | 0.07 | 0.22 | 0.26 | 85.5 | 0 | 52 |
| Co | aerosol | 0.06 | 0.05 | 0.04 | 2.36 | 0.00 | 0.01 | 0.04 | 0.18 | 0.27 | 85.5 | 0 | 52 |
| Cu | aerosol | 2.16 | 1.74 | 1.46 | 2.69 | 0.21 | 0.21 | 1.71 | 6.13 | 7.29 | 85.5 | 0 | 52 |
| Fe | aerosol | 79.15 | 87.10 | 46.50 | 3.10 | 1.80 | 5.91 | 48.90 | 263.21 | 479.40 | 85.5 | 0 | 52 |
| Ni | aerosol | 0.66 | 0.38 | 0.54 | 2.02 | 0.16 | 0.16 | 0.67 | 1.41 | 1.48 | 85.5 | 0 | 52 |
| Pb | aerosol | 3.10 | 1.96 | 2.46 | 2.09 | 0.43 | 0.64 | 2.51 | 6.96 | 7.53 | 85.5 | 0 | 52 |
| V | aerosol | 1.33 | 0.98 | 1.01 | 2.27 | 0.09 | 0.18 | 1.20 | 3.02 | 6.06 | 85.5 | 0 | 52 |
| Zn | aerosol | 11.93 | 7.91 | 8.81 | 2.42 | 1.80 | 1.80 | 12.00 | 26.41 | 29.10 | 85.5 | 0 | 52 |

DE0007R Neuglobsow

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.54 | 0.44 | 0.42 | 2.06 | 0.13 | 0.14 | 0.38 | 1.54 | 2.15 | 85.5 | 0 | 52 |
| Cd | aerosol | 0.17 | 0.15 | 0.12 | 2.07 | 0.02 | 0.04 | 0.12 | 0.47 | 0.86 | 85.5 | 0 | 52 |
| Co | aerosol | 0.06 | 0.04 | 0.05 | 1.85 | 0.01 | 0.02 | 0.05 | 0.14 | 0.17 | 83.8 | 0 | 51 |
| Cu | aerosol | 1.85 | 0.88 | 1.63 | 1.75 | 0.21 | 0.56 | 1.71 | 3.48 | 4.74 | 85.5 | 0 | 52 |
| Fe | aerosol | 63.02 | 45.19 | 52.19 | 1.82 | 12.50 | 19.96 | 51.20 | 187.31 | 236.70 | 85.5 | 0 | 52 |
| Mn | aerosol | 3.25 | 1.95 | 2.79 | 1.75 | 0.72 | 1.03 | 2.66 | 8.26 | 10.60 | 85.5 | 0 | 52 |
| Ni | aerosol | 0.90 | 0.32 | 0.84 | 1.45 | 0.33 | 0.46 | 0.86 | 1.57 | 1.60 | 85.5 | 0 | 52 |
| Pb | aerosol | 5.36 | 4.23 | 4.21 | 2.01 | 0.53 | 1.33 | 4.24 | 16.54 | 19.77 | 85.5 | 0 | 52 |
| V | aerosol | 1.32 | 0.54 | 1.22 | 1.52 | 0.45 | 0.59 | 1.25 | 2.37 | 2.58 | 85.5 | 0 | 52 |
| Zn | aerosol | 15.28 | 11.79 | 11.83 | 2.07 | 2.80 | 2.80 | 11.95 | 46.32 | 56.10 | 85.5 | 0 | 52 |
| Sb | aerosol | 0.88 | 0.69 | 0.72 | 1.91 | 0.16 | 0.25 | 0.65 | 2.63 | 3.58 | 85.5 | 0 | 52 |

DE0008R Schmücke

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.34 | 0.28 | 0.26 | 2.06 | 0.05 | 0.08 | 0.24 | 1.04 | 1.32 | 83.8 | 0 | 51 |
| Cd | aerosol | 0.10 | 0.10 | 0.08 | 1.98 | 0.02 | 0.03 | 0.07 | 0.28 | 0.61 | 83.8 | 0 | 51 |
| Co | aerosol | 0.07 | 0.14 | 0.03 | 3.06 | 0.00 | 0.00 | 0.03 | 0.32 | 0.87 | 82.2 | 0 | 50 |
| Cu | aerosol | 1.77 | 1.24 | 1.39 | 2.13 | 0.21 | 0.21 | 1.61 | 3.83 | 7.06 | 83.8 | 0 | 51 |
| Fe | aerosol | 67.40 | 71.86 | 39.91 | 2.93 | 6.20 | 6.88 | 47.70 | 251.44 | 313.30 | 83.8 | 0 | 51 |
| Mn | aerosol | 3.14 | 4.15 | 1.97 | 2.50 | 0.49 | 0.51 | 1.96 | 10.68 | 26.32 | 83.8 | 0 | 51 |
| Ni | aerosol | 0.55 | 0.49 | 0.42 | 2.10 | 0.16 | 0.16 | 0.46 | 1.34 | 3.17 | 83.8 | 0 | 51 |
| Pb | aerosol | 3.40 | 2.37 | 2.83 | 1.83 | 0.63 | 0.82 | 2.54 | 7.58 | 14.51 | 83.8 | 0 | 51 |
| V | aerosol | 1.25 | 1.00 | 0.94 | 2.23 | 0.10 | 0.19 | 1.11 | 3.03 | 6.06 | 83.8 | 0 | 51 |
| Sb | aerosol | 0.62 | 0.57 | 0.47 | 2.09 | 0.11 | 0.14 | 0.56 | 2.19 | 2.96 | 82.2 | 0 | 50 |
| Hg (TGM) | air | 1.77 | 0.23 | 1.76 | 1.13 | 1.36 | 1.47 | 1.73 | 2.25 | 2.62 | 99.2 | 0 | 362 |

DE0009R Zingst

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.42 | 0.34 | 0.33 | 1.92 | 0.09 | 0.12 | 0.30 | 1.33 | 1.70 | 85.5 | 0 | 52 |
| Cd | aerosol | 0.14 | 0.16 | 0.10 | 2.32 | 0.02 | 0.02 | 0.09 | 0.44 | 0.92 | 85.5 | 0 | 52 |
| Co | aerosol | 0.08 | 0.04 | 0.07 | 1.73 | 0.01 | 0.03 | 0.07 | 0.17 | 0.19 | 85.5 | 0 | 52 |
| Fe | aerosol | 45.16 | 31.27 | 38.18 | 1.78 | 9.20 | 12.40 | 37.95 | 85.81 | 213.60 | 85.5 | 0 | 52 |
| Mn | aerosol | 2.35 | 1.64 | 2.02 | 1.70 | 0.71 | 0.83 | 2.04 | 5.38 | 11.36 | 85.5 | 0 | 52 |
| Ni | aerosol | 2.03 | 1.24 | 1.70 | 1.83 | 0.49 | 0.61 | 1.81 | 4.78 | 5.67 | 85.5 | 0 | 52 |
| Pb | aerosol | 4.62 | 4.13 | 3.49 | 2.08 | 0.70 | 0.75 | 3.21 | 16.05 | 20.90 | 85.5 | 0 | 52 |
| V | aerosol | 2.96 | 2.59 | 2.27 | 1.98 | 0.79 | 0.95 | 1.81 | 9.80 | 12.36 | 85.5 | 0 | 52 |
| Zn | aerosol | 13.59 | 8.63 | 10.87 | 2.09 | 1.80 | 1.80 | 11.70 | 35.52 | 36.60 | 83.8 | 0 | 51 |
| Sb | aerosol | 0.47 | 0.31 | 0.40 | 1.79 | 0.13 | 0.14 | 0.39 | 1.17 | 1.71 | 85.5 | 0 | 52 |
| Hg (TGM) | air | 1.65 | 0.27 | 1.63 | 1.16 | 1.20 | 1.32 | 1.61 | 2.10 | 3.49 | 96.2 | 0 | 351 |

DK0003R Tange

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | aerosol | 144.06 | 188.46 | 105.64 | 2.71 | -594.45 | -8.44 | 103.42 | 490.75 | 1388.29 | 98.1 | 204 | 358 |
| As | aerosol | 0.53 | 0.83 | 0.28 | 3.23 | -0.04 | 0.03 | 0.29 | 1.57 | 8.08 | 98.1 | 32 | 358 |
| Cr | aerosol | 0.43 | 0.63 | 0.38 | 2.83 | -0.93 | -0.21 | 0.31 | 1.56 | 5.30 | 98.1 | 196 | 358 |
| Cu | aerosol | 1.34 | 1.42 | 0.87 | 2.73 | -0.11 | 0.14 | 0.87 | 3.76 | 15.37 | 98.1 | 13 | 358 |
| Fe | aerosol | 95.78 | 147.31 | 44.54 | 3.53 | -0.90 | 5.46 | 40.53 | 400.37 | 1220.58 | 98.1 | 7 | 358 |
| Mn | aerosol | 3.69 | 5.07 | 2.02 | 3.08 | -0.48 | 0.26 | 1.91 | 13.82 | 35.22 | 98.1 | 18 | 358 |
| Ni | aerosol | 0.93 | 0.82 | 0.64 | 2.67 | -0.41 | 0.10 | 0.63 | 2.67 | 3.84 | 98.1 | 33 | 358 |
| Pb | aerosol | 2.66 | 3.00 | 1.51 | 3.12 | -0.10 | 0.23 | 1.47 | 9.70 | 15.47 | 98.1 | 10 | 358 |
| Se | aerosol | 0.30 | 0.24 | 0.23 | 2.21 | -0.02 | 0.06 | 0.23 | 0.81 | 1.84 | 98.1 | 8 | 358 |
| Zn | aerosol | 10.59 | 11.15 | 6.83 | 2.79 | -8.66 | 0.83 | 7.17 | 32.83 | 91.68 | 98.1 | 32 | 358 |

DK0005R Keldsnor

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | aerosol | 111.98 | 99.70 | 90.40 | 2.57 | -448.17 | -9.78 | 101.09 | 282.27 | 444.44 | 87.7 | 166 | 320 |
| As | aerosol | 0.23 | 0.30 | 0.14 | 3.18 | -0.06 | -0.00 | 0.14 | 0.71 | 2.64 | 87.7 | 69 | 320 |
| Cr | aerosol | 0.42 | 0.68 | 0.34 | 3.10 | -0.61 | -0.26 | 0.30 | 1.52 | 6.56 | 87.7 | 179 | 320 |
| Cu | aerosol | 1.18 | 1.27 | 0.77 | 2.73 | -0.14 | 0.10 | 0.84 | 3.95 | 8.08 | 87.7 | 15 | 320 |
| Fe | aerosol | 63.88 | 62.80 | 40.72 | 2.86 | -1.23 | 6.21 | 42.07 | 205.63 | 325.18 | 87.7 | 2 | 320 |
| Mn | aerosol | 2.08 | 1.89 | 1.47 | 2.64 | -0.45 | 0.09 | 1.50 | 6.11 | 10.34 | 87.7 | 25 | 320 |
| Ni | aerosol | 1.73 | 1.67 | 1.12 | 2.79 | -0.18 | 0.13 | 1.17 | 4.93 | 9.13 | 87.7 | 12 | 320 |
| Pb | aerosol | 3.08 | 4.04 | 1.62 | 3.49 | -0.12 | 0.15 | 1.73 | 11.36 | 32.61 | 87.7 | 13 | 320 |
| Se | aerosol | 0.38 | 0.32 | 0.28 | 2.49 | -0.02 | 0.06 | 0.30 | 1.08 | 2.07 | 87.7 | 8 | 320 |
| Zn | aerosol | 9.61 | 10.35 | 5.58 | 3.36 | -2.67 | 0.40 | 6.24 | 32.49 | 73.70 | 87.7 | 38 | 320 |

DK0008R Anholt

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | aerosol | 119.62 | 109.13 | 95.29 | 2.53 | -403.44 | -2.17 | 102.03 | 315.86 | 479.85 | 97.0 | 208 | 354 |
| As | aerosol | 0.24 | 0.25 | 0.17 | 2.50 | -0.05 | 0.03 | 0.17 | 0.74 | 2.15 | 97.0 | 43 | 354 |
| Cr | aerosol | 0.29 | 0.56 | 0.30 | 3.06 | -0.78 | -0.34 | 0.19 | 1.33 | 4.72 | 97.0 | 244 | 354 |
| Cu | aerosol | 0.81 | 0.84 | 0.55 | 2.59 | -0.43 | 0.08 | 0.56 | 2.41 | 6.26 | 97.0 | 20 | 354 |
| Fe | aerosol | 46.12 | 55.52 | 26.61 | 2.94 | 0.35 | 4.13 | 24.88 | 156.30 | 363.38 | 97.0 | 3 | 354 |
| Mn | aerosol | 1.75 | 1.80 | 1.17 | 2.63 | -1.13 | 0.20 | 1.20 | 5.03 | 13.32 | 97.0 | 28 | 354 |
| Ni | aerosol | 1.27 | 1.08 | 0.89 | 2.48 | -0.13 | 0.18 | 0.92 | 3.36 | 5.71 | 97.0 | 18 | 354 |
| Pb | aerosol | 2.15 | 2.77 | 1.07 | 3.59 | -0.56 | 0.10 | 1.08 | 8.71 | 15.65 | 97.0 | 20 | 354 |
| Se | aerosol | 0.29 | 0.25 | 0.21 | 2.37 | -0.09 | 0.04 | 0.24 | 0.73 | 2.22 | 97.0 | 8 | 354 |
| Zn | aerosol | 7.25 | 7.95 | 4.44 | 3.20 | -3.21 | 0.05 | 4.48 | 24.64 | 44.82 | 97.0 | 65 | 354 |

DK0031R Ulborg

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | aerosol | 119.29 | 155.22 | 100.06 | 2.39 | -745.39 | -10.54 | 97.37 | 366.59 | 782.66 | 96.4 | 210 | 352 |
| As | aerosol | 0.25 | 0.33 | 0.14 | 3.19 | -0.38 | 0.01 | 0.13 | 0.92 | 2.62 | 96.4 | 78 | 352 |
| Cr | aerosol | 0.25 | 0.49 | 0.26 | 3.43 | -0.85 | -0.42 | 0.17 | 1.21 | 3.21 | 96.4 | 232 | 352 |
| Cu | aerosol | 1.13 | 4.23 | 0.49 | 3.43 | -0.11 | 0.03 | 0.49 | 2.75 | 61.59 | 96.4 | 44 | 352 |
| Fe | aerosol | 50.16 | 70.11 | 23.91 | 3.56 | 0.53 | 2.87 | 23.95 | 188.86 | 478.92 | 96.4 | 8 | 352 |
| Mn | aerosol | 1.83 | 2.29 | 1.04 | 3.41 | -0.42 | 0.06 | 1.15 | 6.16 | 22.08 | 96.4 | 47 | 352 |
| Ni | aerosol | 0.98 | 1.43 | 0.61 | 2.88 | -0.10 | 0.07 | 0.68 | 2.58 | 22.08 | 96.4 | 32 | 352 |
| Pb | aerosol | 2.45 | 3.20 | 1.16 | 3.86 | -0.16 | 0.09 | 1.23 | 9.46 | 20.13 | 96.4 | 21 | 352 |
| Se | aerosol | 0.34 | 0.28 | 0.26 | 2.19 | -0.06 | 0.07 | 0.26 | 0.92 | 1.45 | 96.4 | 3 | 352 |
| Zn | aerosol | 9.29 | 26.19 | 4.45 | 3.82 | -2.02 | -0.10 | 4.20 | 29.89 | 464.94 | 96.4 | 68 | 352 |

EE0009R Lahemaa

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.46 | 0.44 | 0.31 | 2.88 | 0.00 | 0.20 | 0.30 | 1.40 | 2.40 | 99.5 | 0 | 52 |
| Cd | aerosol | 0.17 | 0.14 | 0.14 | 1.77 | 0.05 | 0.10 | 0.10 | 0.56 | 0.80 | 99.7 | 0 | 53 |
| Ni | aerosol | 2.13 | 1.10 | 1.95 | 1.47 | 0.90 | 1.14 | 1.90 | 4.20 | 7.70 | 99.7 | 0 | 53 |
| Pb | aerosol | 6.32 | 5.94 | 4.94 | 1.92 | 1.80 | 2.18 | 4.00 | 21.70 | 34.40 | 99.7 | 0 | 53 |

ES0008R Niembro

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.21 | 0.14 | 0.16 | 2.07 | 0.05 | 0.05 | 0.17 | 0.52 | 0.57 | 11.5 | 7 | 42 |
| Cd | pm10 | 0.09 | 0.08 | 0.06 | 2.61 | 0.01 | 0.01 | 0.07 | 0.27 | 0.35 | 13.7 | 6 | 50 |
| Cr | pm10 | 1.05 | 1.12 | 0.88 | 1.57 | 0.78 | 0.78 | 0.78 | 3.86 | 7.16 | 11.5 | 38 | 42 |
| Cu | pm10 | 50.95 | 39.22 | 35.98 | 2.54 | 2.87 | 6.31 | 42.51 | 134.91 | 179.99 | 13.7 | 0 | 50 |
| Hg | pm10 | 0.01 | 0.00 | 0.00 | 1.23 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 1.1 | 0 | 4 |
| Ni | pm10 | 2.53 | 5.34 | 1.34 | 2.54 | 0.41 | 0.41 | 1.21 | 13.51 | 32.99 | 11.5 | 9 | 42 |
| Pb | pm10 | 6.82 | 6.99 | 4.06 | 3.13 | 0.10 | 0.62 | 4.18 | 26.25 | 29.33 | 13.7 | 1 | 50 |
| Zn | pm10 | 20.73 | 20.89 | 12.70 | 2.92 | 2.64 | 2.64 | 16.08 | 62.45 | 105.48 | 11.5 | 10 | 42 |

ES0009R Campisabalos

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.06 | 0.03 | 0.06 | 1.38 | 0.05 | 0.05 | 0.05 | 0.15 | 0.18 | 9.6 | 29 | 35 |
| Cd | pm10 | 0.02 | 0.02 | 0.02 | 1.95 | 0.01 | 0.01 | 0.01 | 0.06 | 0.06 | 9.6 | 20 | 35 |
| Cr | pm10 | 0.78 | 0.00 | 0.78 | 1.00 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 9.6 | 35 | 35 |
| Cu | pm10 | 15.08 | 29.46 | 2.33 | 9.32 | 0.09 | 0.09 | 1.98 | 110.12 | 124.11 | 9.6 | 8 | 35 |
| Ni | pm10 | 0.49 | 0.29 | 0.46 | 1.39 | 0.41 | 0.41 | 0.41 | 1.30 | 1.96 | 9.6 | 32 | 35 |
| Pb | pm10 | 1.00 | 0.85 | 0.67 | 2.77 | 0.10 | 0.10 | 0.77 | 2.90 | 3.72 | 9.6 | 5 | 35 |
| Zn | pm10 | 3.66 | 2.07 | 3.29 | 1.53 | 2.64 | 2.64 | 2.64 | 9.04 | 9.99 | 9.6 | 27 | 35 |

ES0013R Penausende

3 August 2007 - 22 August 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.11 | 0.03 | 0.11 | 1.37 | 0.07 | 0.07 | 0.11 | 0.15 | 0.15 | 1.1 | 0 | 4 |
| Cd | pm10 | 0.02 | 0.01 | 0.01 | 2.00 | 0.01 | 0.01 | 0.01 | 0.04 | 0.04 | 1.1 | 0 | 4 |
| Cr | pm10 | 0.78 | 0.00 | 0.78 | 1.00 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 1.1 | 4 | 4 |
| Cu | pm10 | 7.61 | 4.77 | 6.13 | 2.34 | 1.84 | 1.84 | 7.58 | 13.45 | 13.45 | 1.1 | 0 | 4 |
| Ni | pm10 | 0.57 | 0.18 | 0.55 | 1.39 | 0.41 | 0.41 | 0.55 | 0.77 | 0.77 | 1.1 | 2 | 4 |
| Pb | pm10 | 1.09 | 0.76 | 0.92 | 1.97 | 0.52 | 0.52 | 0.86 | 2.14 | 2.14 | 1.1 | 0 | 4 |
| Zn | pm10 | 4.66 | 1.36 | 4.52 | 1.31 | 3.63 | 3.63 | 4.17 | 6.66 | 6.66 | 1.1 | 0 | 4 |

ES0014R Els Torms

9 November 2007 - 29 November 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.14 | 0.03 | 0.14 | 1.23 | 0.11 | 0.11 | 0.14 | 0.18 | 0.18 | 1.1 | 0 | 4 |
| Cd | pm10 | 0.05 | 0.02 | 0.05 | 1.64 | 0.03 | 0.03 | 0.04 | 0.08 | 0.08 | 1.1 | 0 | 4 |
| Cr | pm10 | 8.16 | 3.09 | 7.61 | 1.59 | 3.93 | 3.93 | 9.02 | 10.69 | 10.69 | 1.1 | 0 | 4 |
| Cu | pm10 | 7.49 | 1.48 | 7.38 | 1.22 | 6.03 | 6.03 | 7.46 | 9.00 | 9.00 | 1.1 | 0 | 4 |
| Hg | pm10 | 0.01 | 0.00 | 0.01 | 1.43 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.8 | 0 | 3 |
| Ni | pm10 | 0.41 | 0.00 | 0.41 | 1.00 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 1.1 | 4 | 4 |
| Pb | pm10 | 2.61 | 0.66 | 2.56 | 1.26 | 2.08 | 2.08 | 2.40 | 3.57 | 3.57 | 1.1 | 0 | 4 |
| Zn | pm10 | 7.22 | 1.58 | 7.08 | 1.27 | 5.07 | 5.07 | 7.62 | 8.56 | 8.56 | 1.1 | 0 | 4 |

ES0016R O Saviñao

3 September 2007 - 28 September 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.09 | 0.01 | 0.09 | 1.07 | 0.08 | 0.08 | 0.09 | 0.09 | 0.09 | 0.8 | 0 | 3 |
| Cd | pm10 | 0.02 | 0.01 | 0.02 | 1.26 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.8 | 0 | 3 |
| Cr | pm10 | 0.78 | 0.00 | 0.78 | 1.00 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 0.8 | 3 | 3 |
| Cu | pm10 | 3.78 | 1.28 | 3.65 | 1.39 | 2.68 | 2.68 | 3.49 | 5.18 | 5.18 | 0.8 | 0 | 3 |
| Hg | pm10 | 0.01 | 0.01 | 0.01 | 2.23 | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 | 0.8 | 1 | 3 |
| Ni | pm10 | 0.41 | 0.00 | 0.41 | 1.00 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.8 | 3 | 3 |
| Pb | pm10 | 1.38 | 0.05 | 1.38 | 1.03 | 1.34 | 1.34 | 1.36 | 1.43 | 1.43 | 0.8 | 0 | 3 |
| Zn | pm10 | 5.71 | 0.24 | 5.71 | 1.04 | 5.44 | 5.44 | 5.79 | 5.91 | 5.91 | 0.8 | 0 | 3 |

ES1778R Montseny

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | pm10 | 160 | 170 | 110 | 2420 | 10 | 30 | 120 | 490 | 1020 | 34.0 | 0 | 124 |
| Al | pm25 | 50 | 70 | 30 | 2600 | 0 | 10 | 30 | 109 | 410 | 13.7 | 1 | 50 |
| As | pm10 | 0.24 | 0.11 | 0.21 | 1.72 | 0.03 | 0.08 | 0.22 | 0.45 | 0.51 | 34.0 | 0 | 124 |
| As | pm25 | 0.23 | 0.10 | 0.20 | 1.67 | 0.05 | 0.06 | 0.22 | 0.42 | 0.45 | 13.7 | 0 | 50 |
| Cd | pm10 | 0.11 | 0.08 | 0.08 | 2.21 | 0.01 | 0.02 | 0.09 | 0.26 | 0.48 | 34.0 | 1 | 124 |
| Cd | pm25 | 0.13 | 0.10 | 0.10 | 2.07 | 0.03 | 0.03 | 0.09 | 0.36 | 0.52 | 13.7 | 0 | 50 |
| Co | pm10 | 0.10 | 0.08 | 0.08 | 2.17 | 0.01 | 0.01 | 0.09 | 0.28 | 0.51 | 34.0 | 0 | 124 |
| Co | pm25 | 0.05 | 0.04 | 0.04 | 2.00 | 0.01 | 0.01 | 0.04 | 0.13 | 0.21 | 13.7 | 5 | 50 |
| Cr | pm10 | 1.13 | 1.50 | 0.53 | 5.19 | 0.01 | 0.01 | 0.83 | 3.17 | 9.62 | 34.0 | 7 | 124 |
| Cr | pm25 | 1.10 | 1.66 | 0.34 | 7.72 | 0.01 | 0.01 | 0.73 | 4.72 | 9.24 | 13.7 | 1 | 50 |
| Cu | pm10 | 3.15 | 2.42 | 2.33 | 2.33 | 0.17 | 0.48 | 2.62 | 8.64 | 11.88 | 34.0 | 0 | 124 |
| Cu | pm25 | 2.76 | 2.26 | 2.10 | 2.21 | 0.19 | 0.43 | 2.42 | 6.60 | 14.04 | 13.4 | 0 | 49 |
| Fe | pm10 | 200 | 180 | 150 | 2230 | 0 | 40 | 150 | 540 | 1150 | 34.0 | 0 | 124 |
| Fe | pm25 | 0.07 | 0.07 | 0.05 | 2.08 | 0.01 | 0.02 | 0.05 | 0.22 | 0.46 | 13.7 | 0 | 50 |
| Mn | pm10 | 4.97 | 3.25 | 4.06 | 1.94 | 0.70 | 1.20 | 4.38 | 11.17 | 19.71 | 34.0 | 0 | 124 |
| Mn | pm25 | 2.17 | 1.46 | 1.73 | 2.13 | 0.10 | 0.42 | 1.86 | 5.41 | 8.00 | 13.7 | 4 | 50 |
| Ni | pm10 | 1.17 | 1.02 | 0.73 | 3.73 | 0.01 | 0.01 | 1.05 | 2.46 | 8.88 | 34.0 | 1 | 124 |
| Ni | pm25 | 1.22 | 0.96 | 0.78 | 3.57 | 0.01 | 0.07 | 1.10 | 2.60 | 5.49 | 13.7 | 1 | 50 |
| Pb | pm10 | 4.45 | 2.80 | 3.77 | 1.80 | 0.62 | 1.49 | 3.84 | 9.21 | 20.35 | 34.0 | 0 | 124 |
| Pb | pm25 | 4.16 | 2.37 | 3.59 | 1.74 | 1.34 | 1.45 | 3.61 | 8.51 | 12.78 | 13.7 | 0 | 50 |
| Se | pm10 | 0.21 | 0.14 | 0.16 | 2.44 | 0.01 | 0.03 | 0.21 | 0.44 | 0.92 | 34.0 | 1 | 124 |
| Se | pm25 | 0.17 | 0.14 | 0.12 | 2.54 | 0.01 | 0.02 | 0.15 | 0.45 | 0.82 | 13.7 | 2 | 50 |
| Ti | pm10 | 17.36 | 18.34 | 10.78 | 3.18 | 0.01 | 1.80 | 12.61 | 52.87 | 115.68 | 34.0 | 0 | 124 |
| Ti | pm25 | 4.72 | 7.38 | 1.29 | 11.27 | 0.01 | 0.01 | 2.80 | 19.33 | 44.82 | 13.7 | 3 | 50 |
| V | pm10 | 3.23 | 2.00 | 2.60 | 2.02 | 0.43 | 0.74 | 2.76 | 6.84 | 10.48 | 34.0 | 0 | 124 |
| V | pm25 | 2.66 | 1.70 | 2.10 | 2.15 | 0.30 | 0.42 | 2.38 | 6.01 | 7.16 | 13.7 | 0 | 50 |
| Zn | pm10 | 13.41 | 9.39 | 10.77 | 1.95 | 2.24 | 3.33 | 10.43 | 33.52 | 54.61 | 34.0 | 0 | 124 |
| Zn | pm25 | 13.20 | 7.34 | 10.15 | 3.12 | 0.01 | 4.12 | 12.71 | 26.82 | 37.15 | 13.7 | 0 | 50 |
| Sb | pm10 | 0.43 | 0.29 | 0.33 | 2.21 | 0.01 | 0.07 | 0.35 | 1.06 | 1.57 | 34.0 | 0 | 124 |
| Sb | pm25 | 0.32 | 0.23 | 0.25 | 2.12 | 0.04 | 0.06 | 0.26 | 0.81 | 0.84 | 13.7 | 0 | 50 |
| Ba | pm10 | 7.82 | 13.11 | 4.15 | 3.10 | 0.01 | 0.85 | 4.04 | 48.20 | 68.27 | 27.7 | 0 | 101 |
| Ba | pm25 | 4.88 | 8.20 | 1.42 | 8.51 | 0.01 | 0.01 | 2.19 | 26.36 | 43.26 | 13.7 | 0 | 50 |
| Bi | pm10 | 0.07 | 0.06 | 0.04 | 3.20 | 0.00 | 0.01 | 0.05 | 0.16 | 0.36 | 34.0 | 21 | 124 |
| Bi | pm25 | 0.06 | 0.06 | 0.04 | 2.97 | 0.01 | 0.01 | 0.05 | 0.17 | 0.35 | 13.7 | 7 | 50 |
| Ce | pm10 | 0.43 | 0.41 | 0.28 | 2.89 | 0.01 | 0.04 | 0.33 | 1.26 | 2.69 | 34.0 | 3 | 124 |
| Ce | pm25 | 0.18 | 0.20 | 0.12 | 2.73 | 0.01 | 0.02 | 0.14 | 0.59 | 1.18 | 13.7 | 1 | 50 |
| La | pm10 | 0.18 | 0.17 | 0.13 | 2.56 | 0.01 | 0.02 | 0.15 | 0.53 | 1.12 | 34.0 | 3 | 124 |
| La | pm25 | 0.08 | 0.08 | 0.06 | 2.32 | 0.01 | 0.01 | 0.07 | 0.27 | 0.47 | 13.7 | 1 | 50 |
| Li | pm10 | 0.27 | 0.24 | 0.20 | 2.08 | 0.04 | 0.07 | 0.21 | 0.73 | 1.57 | 34.0 | 0 | 124 |
| Li | pm25 | 0.09 | 0.09 | 0.07 | 1.96 | 0.02 | 0.02 | 0.06 | 0.27 | 0.61 | 13.7 | 0 | 50 |
| Rb | pm10 | 0.50 | 0.39 | 0.39 | 2.06 | 0.05 | 0.11 | 0.42 | 1.18 | 2.64 | 34.0 | 0 | 124 |
| Rb | pm25 | 0.20 | 0.16 | 0.15 | 2.20 | 0.01 | 0.05 | 0.15 | 0.48 | 1.04 | 13.7 | 0 | 50 |
| Sr | pm10 | 1.85 | 1.71 | 1.43 | 2.01 | 0.17 | 0.49 | 1.49 | 4.50 | 13.75 | 34.0 | 0 | 124 |
| Sr | pm25 | 0.66 | 0.77 | 0.44 | 2.75 | 0.01 | 0.05 | 0.50 | 1.89 | 5.12 | 13.7 | 0 | 50 |
| Tl | pm10 | 0.04 | 0.04 | 0.02 | 2.71 | 0.00 | 0.01 | 0.03 | 0.10 | 0.19 | 34.0 | 20 | 124 |
| Tl | pm25 | 0.03 | 0.03 | 0.02 | 2.80 | 0.01 | 0.01 | 0.03 | 0.12 | 0.16 | 13.7 | 10 | 50 |
| Th | pm10 | 0.08 | 0.06 | 0.07 | 2.01 | 0.01 | 0.01 | 0.07 | 0.21 | 0.38 | 34.0 | 0 | 124 |
| Th | pm25 | 0.04 | 0.03 | 0.03 | 1.97 | 0.01 | 0.01 | 0.04 | 0.11 | 0.17 | 13.7 | 0 | 50 |
| Sn | pm10 | 0.80 | 0.52 | 0.65 | 1.97 | 0.08 | 0.20 | 0.69 | 1.84 | 3.29 | 34.0 | 0 | 124 |
| Sn | pm25 | 0.78 | 0.50 | 0.64 | 1.96 | 0.13 | 0.16 | 0.73 | 1.84 | 2.59 | 13.7 | 0 | 50 |
| U | pm10 | 0.07 | 0.03 | 0.06 | 1.71 | 0.01 | 0.02 | 0.07 | 0.13 | 0.18 | 34.0 | 1 | 124 |
| U | pm25 | 0.06 | 0.03 | 0.05 | 2.17 | 0.01 | 0.01 | 0.06 | 0.10 | 0.11 | 13.7 | 0 | 50 |

FI0017R Virolahti II

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | aerosol | 176.83 | 241.30 | 89.38 | 3.27 | 4.50 | 14.24 | 93.20 | 826.96 | 1380.20 | 73.7 | 0 | 115 |
| As | aerosol | 0.32 | 0.30 | 0.22 | 2.32 | 0.04 | 0.05 | 0.22 | 0.96 | 1.60 | 74.8 | 16 | 117 |
| Cd | aerosol | 0.10 | 0.10 | 0.07 | 2.35 | 0.01 | 0.02 | 0.07 | 0.31 | 0.48 | 74.8 | 0 | 117 |
| Co | aerosol | 0.08 | 0.06 | 0.07 | 2.00 | 0.01 | 0.02 | 0.06 | 0.19 | 0.43 | 74.8 | 26 | 117 |
| Cr | aerosol | 0.31 | 0.42 | 0.17 | 3.56 | 0.02 | 0.02 | 0.21 | 0.96 | 3.59 | 74.8 | 28 | 117 |
| Cu | aerosol | 1.01 | 0.72 | 0.82 | 1.94 | 0.18 | 0.30 | 0.80 | 2.52 | 3.99 | 74.8 | 0 | 117 |
| Fe | aerosol | 150.32 | 185.63 | 85.39 | 2.78 | 7.12 | 17.05 | 86.62 | 666.66 | 997.25 | 74.5 | 0 | 116 |
| Mn | aerosol | 2.94 | 2.45 | 2.21 | 2.18 | 0.30 | 0.65 | 2.24 | 8.27 | 13.30 | 74.8 | 0 | 117 |
| Ni | aerosol | 1.17 | 1.04 | 0.89 | 2.17 | 0.14 | 0.23 | 0.92 | 3.23 | 6.36 | 74.8 | 0 | 117 |
| Pb | aerosol | 3.51 | 3.15 | 2.51 | 2.37 | 0.41 | 0.68 | 2.57 | 10.86 | 15.06 | 74.8 | 0 | 117 |
| V | aerosol | 2.33 | 2.14 | 1.70 | 2.33 | 0.18 | 0.39 | 1.76 | 6.03 | 13.26 | 74.8 | 0 | 117 |
| Zn | aerosol | 10.96 | 10.42 | 8.32 | 2.10 | 1.73 | 2.58 | 7.94 | 31.17 | 73.36 | 74.8 | 0 | 117 |

FI0036R Pallas (Matorova)

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | aerosol | 11.88 | 16.50 | 7.43 | 2.60 | 0.70 | 1.56 | 7.80 | 49.34 | 100.00 | 97.7 | 0 | 50 |
| As | aerosol | 0.11 | 0.11 | 0.07 | 2.78 | 0.01 | 0.01 | 0.07 | 0.37 | 0.42 | 97.7 | 9 | 50 |
| Cd | aerosol | 0.03 | 0.03 | 0.01 | 3.25 | 0.00 | 0.00 | 0.02 | 0.12 | 0.14 | 97.7 | 3 | 50 |
| Co | aerosol | 0.02 | 0.02 | 0.01 | 2.48 | 0.00 | 0.00 | 0.02 | 0.06 | 0.08 | 97.7 | 20 | 50 |
| Cr | aerosol | 0.07 | 0.07 | 0.04 | 3.34 | 0.00 | 0.00 | 0.06 | 0.25 | 0.26 | 97.7 | 9 | 50 |
| Cu | aerosol | 0.32 | 0.34 | 0.19 | 2.84 | 0.02 | 0.03 | 0.18 | 1.20 | 1.39 | 97.7 | 0 | 50 |
| Fe | aerosol | 18.84 | 16.78 | 13.64 | 2.31 | 1.71 | 2.99 | 13.76 | 62.41 | 87.50 | 97.7 | 0 | 50 |
| Mn | aerosol | 0.47 | 0.42 | 0.35 | 2.19 | 0.07 | 0.10 | 0.31 | 1.51 | 2.13 | 97.7 | 0 | 50 |
| Ni | aerosol | 0.34 | 0.42 | 0.17 | 3.63 | 0.01 | 0.01 | 0.15 | 1.53 | 1.64 | 97.7 | 3 | 50 |
| Pb | aerosol | 0.68 | 0.76 | 0.42 | 2.82 | 0.03 | 0.05 | 0.44 | 2.59 | 3.65 | 97.7 | 0 | 50 |
| V | aerosol | 0.40 | 0.50 | 0.22 | 3.08 | 0.02 | 0.03 | 0.23 | 1.86 | 2.25 | 97.7 | 0 | 50 |
| Zn | aerosol | 1.94 | 2.17 | 1.21 | 2.73 | 0.13 | 0.18 | 1.18 | 7.62 | 9.35 | 97.7 | 0 | 50 |

FI0037R Ähtäri II

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | aerosol | 34.48 | 27.97 | 25.35 | 2.33 | 4.40 | 5.21 | 27.70 | 89.09 | 145.70 | 71.0 | 0 | 37 |
| As | aerosol | 0.24 | 0.20 | 0.19 | 1.90 | 0.06 | 0.08 | 0.17 | 0.82 | 0.83 | 71.0 | 0 | 37 |
| Cd | aerosol | 0.06 | 0.07 | 0.04 | 2.19 | 0.01 | 0.01 | 0.04 | 0.24 | 0.39 | 71.0 | 0 | 37 |
| Co | aerosol | 0.05 | 0.05 | 0.04 | 2.73 | 0.01 | 0.01 | 0.04 | 0.18 | 0.18 | 71.0 | 6 | 37 |
| Cr | aerosol | 0.14 | 0.15 | 0.07 | 3.93 | 0.01 | 0.01 | 0.09 | 0.50 | 0.59 | 71.0 | 8 | 37 |
| Cu | aerosol | 0.53 | 0.40 | 0.43 | 1.90 | 0.14 | 0.17 | 0.40 | 1.42 | 1.76 | 71.0 | 0 | 37 |
| Fe | aerosol | 38.35 | 26.34 | 29.84 | 2.12 | 7.12 | 7.54 | 33.85 | 99.70 | 104.81 | 71.0 | 0 | 37 |
| Mn | aerosol | 1.25 | 0.86 | 1.03 | 1.85 | 0.31 | 0.38 | 0.92 | 3.03 | 4.27 | 71.0 | 0 | 37 |
| Ni | aerosol | 0.39 | 0.25 | 0.32 | 1.89 | 0.10 | 0.10 | 0.35 | 0.93 | 1.23 | 71.0 | 0 | 37 |
| Pb | aerosol | 1.35 | 1.49 | 1.03 | 1.96 | 0.31 | 0.33 | 0.95 | 4.23 | 9.20 | 71.0 | 0 | 37 |
| V | aerosol | 0.62 | 0.41 | 0.52 | 1.86 | 0.12 | 0.14 | 0.55 | 1.45 | 2.23 | 71.0 | 0 | 37 |
| Zn | aerosol | 4.83 | 3.28 | 4.01 | 1.84 | 1.42 | 1.46 | 3.94 | 13.31 | 16.90 | 71.0 | 0 | 37 |

FI0096G Pallas (Sammaltunturi)

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hg | aerosol | 1.83 | 2.82 | 1.13 | 2.36 | 0.30 | 0.30 | 1.00 | 4.50 | 17.70 | 75.1 | 0 | 39 |
| Hg | air+aerosol | 1.41 | 0.17 | 1.40 | 1.13 | 1.10 | 1.10 | 1.40 | 1.70 | 1.80 | 24.1 | 0 | 88 |

FR0013R Peyrusse Vieille

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.07 | 0.08 | 0.04 | 2.49 | 0.02 | 0.02 | 0.02 | 0.26 | 0.27 | 93.9 | 19 | 26 |
| Cd | aerosol | 0.06 | 0.05 | 0.03 | 3.17 | 0.00 | 0.00 | 0.03 | 0.16 | 0.17 | 93.9 | 4 | 26 |
| Cr | aerosol | 1.92 | 1.41 | 1.61 | 2.16 | 0.12 | 0.34 | 1.49 | 5.33 | 5.38 | 93.9 | 1 | 26 |
| Cu | aerosol | 2.11 | 0.81 | 1.87 | 1.97 | 0.11 | 0.36 | 2.23 | 3.86 | 4.26 | 93.9 | 1 | 26 |
| Hg | air | 1.21 | 0.53 | 1.10 | 1.52 | 0.20 | 0.56 | 1.13 | 2.10 | 3.79 | 31.1 | 0 | 2721 |
| Ni | aerosol | 0.95 | 0.48 | 0.83 | 2.42 | 0.02 | 0.13 | 1.03 | 2.01 | 2.04 | 93.9 | 1 | 26 |
| Pb | aerosol | 4.13 | 2.12 | 3.25 | 2.89 | 0.03 | 0.64 | 3.45 | 8.51 | 9.29 | 93.9 | 1 | 26 |
| Zn | aerosol | 9.54 | 4.53 | 7.82 | 2.48 | 0.15 | 1.32 | 8.23 | 18.42 | 18.58 | 93.9 | 1 | 26 |

GB0013R Yarner Wood

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.52 | 0.46 | 0.36 | 2.47 | 0.06 | 0.08 | 0.42 | 1.64 | 2.07 | 90.7 | 0 | 48 |
| Cd | pm10 | 0.09 | 0.12 | 0.04 | 3.69 | 0.00 | 0.00 | 0.05 | 0.35 | 0.63 | 90.7 | 5 | 48 |
| Cr | pm10 | 0.78 | 0.66 | 0.51 | 2.77 | 0.11 | 0.12 | 0.68 | 1.86 | 3.21 | 90.7 | 0 | 48 |
| Cu | pm10 | 3.44 | 13.90 | 0.81 | 4.52 | 0.03 | 0.06 | 0.94 | 6.69 | 97.10 | 90.7 | 1 | 48 |
| Hg (TGM) | air+aerosol | 1.62 | 0.41 | 1.57 | 1.36 | 0.76 | 0.76 | 1.70 | 2.16 | 2.16 | 44.5 | 0 | 12 |
| Ni | pm10 | 0.99 | 1.39 | 0.40 | 4.66 | 0.03 | 0.03 | 0.42 | 4.95 | 6.60 | 90.7 | 0 | 48 |
| Pb | pm10 | 4.00 | 4.94 | 2.13 | 3.41 | 0.16 | 0.18 | 2.00 | 13.58 | 27.41 | 90.7 | 0 | 48 |
| Zn | pm10 | 11.16 | 15.76 | 6.83 | 2.56 | 1.51 | 3.00 | 4.00 | 42.20 | 96.00 | 88.8 | 1 | 47 |

GB0017R Heigham Holmes

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.47 | 0.22 | 0.46 | 1.47 | 0.27 | 0.27 | 0.42 | 1.12 | 1.21 | 39.5 | 0 | 24 |
| Cd | pm10 | 0.11 | 0.09 | 0.09 | 1.91 | 0.04 | 0.04 | 0.08 | 0.40 | 0.45 | 39.5 | 0 | 24 |
| Cr | pm10 | 0.85 | 0.73 | 0.69 | 2.53 | 0.12 | 0.12 | 0.82 | 2.77 | 3.09 | 39.5 | 0 | 24 |
| Cu | pm10 | 1.70 | 0.66 | 1.56 | 1.56 | 0.40 | 0.52 | 1.54 | 3.11 | 3.23 | 39.5 | 0 | 24 |
| Hg (TGM) | air+aerosol | 2.06 | 1.08 | 2.39 | 1.40 | 1.97 | 1.97 | 2.05 | 3.93 | 3.93 | 7.8 | 0 | 4 |
| Ni | pm10 | 1.67 | 2.81 | 1.09 | 2.50 | 0.27 | 0.28 | 0.99 | 11.67 | 14.21 | 39.5 | 0 | 24 |
| Pb | pm10 | 4.51 | 2.51 | 4.33 | 1.54 | 2.48 | 2.50 | 3.97 | 11.41 | 11.42 | 39.5 | 0 | 24 |
| Zn | pm10 | 7.63 | 7.81 | 6.64 | 2.18 | 1.49 | 1.86 | 6.80 | 30.26 | 30.68 | 39.5 | 1 | 24 |

GB0091R Banchory

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.30 | 0.28 | 0.22 | 2.41 | 0.02 | 0.04 | 0.24 | 1.04 | 1.16 | 99.5 | 4 | 49 |
| Cd | pm10 | 0.04 | 0.07 | 0.03 | 2.65 | 0.01 | 0.01 | 0.03 | 0.20 | 0.40 | 99.5 | 11 | 49 |
| Cr | pm10 | 0.61 | 0.59 | 0.41 | 2.84 | 0.06 | 0.09 | 0.56 | 2.06 | 2.40 | 99.5 | 1 | 49 |
| Cu | pm10 | 0.59 | 0.48 | 0.43 | 2.48 | 0.06 | 0.07 | 0.49 | 1.74 | 1.92 | 99.5 | 2 | 49 |
| Hg (TGM) | air+aerosol | 1.47 | 0.18 | 1.50 | 1.13 | 1.18 | 1.18 | 1.56 | 1.84 | 1.85 | 89.1 | 0 | 21 |
| Ni | pm10 | 0.32 | 0.56 | 0.13 | 4.20 | 0.01 | 0.02 | 0.14 | 1.08 | 3.48 | 99.5 | 2 | 49 |
| Pb | pm10 | 2.00 | 2.03 | 1.29 | 2.85 | 0.18 | 0.18 | 1.38 | 7.34 | 8.09 | 99.5 | 1 | 49 |
| Zn | pm10 | 8.12 | 14.79 | 4.58 | 2.24 | 1.23 | 1.69 | 2.99 | 22.80 | 102.91 | 99.5 | 2 | 49 |

IE0031R Mace Head

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hg | air | 1.62 | 0.08 | 1.62 | 1.05 | 1.31 | 1.45 | 1.63 | 1.73 | 1.81 | 92.1 | 0 | 336 |

IS0002R Irafoss

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fe | aerosol | 70 | 140 | 30 | 3510 | 0 | 0 | 20 | 240 | 1710 | 97.0 | 1 | 354 |

IS0091R Storhofdi

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | aerosol | 315.30 | 388.18 | 177.67 | 3.04 | 36.70 | 36.90 | 153.70 | 1305.50 | 1310.50 | 99.9 | 0 | 24 |
| As | aerosol | 0.08 | 0.06 | 0.07 | 1.79 | 0.02 | 0.02 | 0.07 | 0.27 | 0.30 | 99.9 | 0 | 24 |
| Cd | aerosol | 0.05 | 0.07 | 0.02 | 2.94 | 0.01 | 0.01 | 0.02 | 0.27 | 0.29 | 99.9 | 0 | 24 |
| Cr | aerosol | 7.82 | 5.38 | 5.69 | 2.46 | 0.67 | 0.74 | 6.64 | 19.04 | 19.82 | 99.9 | 0 | 24 |
| Cu | aerosol | 1.02 | 0.82 | 0.84 | 1.85 | 0.40 | 0.40 | 0.68 | 3.24 | 3.25 | 99.9 | 0 | 24 |
| Fe | aerosol | 548.78 | 661.53 | 331.83 | 2.75 | 94.20 | 95.47 | 255.10 | 2337.57 | 2465.50 | 99.9 | 0 | 24 |
| Hg | aerosol | 0.88 | 0.93 | 0.64 | 2.17 | 0.20 | 0.21 | 0.61 | 3.94 | 4.62 | 99.9 | 0 | 24 |
| Mn | aerosol | 9.64 | 12.13 | 5.74 | 2.75 | 1.65 | 1.65 | 4.16 | 43.63 | 46.78 | 99.9 | 0 | 24 |
| Ni | aerosol | 4.51 | 2.88 | 3.44 | 2.29 | 0.41 | 0.50 | 3.76 | 10.32 | 10.67 | 99.9 | 0 | 24 |
| Pb | aerosol | 0.52 | 0.60 | 0.34 | 2.42 | 0.11 | 0.12 | 0.28 | 2.03 | 2.04 | 99.9 | 0 | 24 |
| V | aerosol | 2.45 | 3.10 | 1.43 | 2.83 | 0.39 | 0.39 | 1.08 | 10.96 | 11.73 | 99.9 | 0 | 24 |
| Zn | aerosol | 5.11 | 4.96 | 3.89 | 1.97 | 0.91 | 1.13 | 3.25 | 20.57 | 20.75 | 99.9 | 0 | 24 |

LV0010R Rucava

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.25 | 0.26 | 0.14 | 3.03 | 0.01 | 0.03 | 0.19 | 0.78 | 1.34 | 98.1 | 24 | 52 |
| Cd | aerosol | 0.12 | 0.19 | 0.04 | 4.88 | 0.00 | 0.01 | 0.04 | 0.56 | 1.01 | 96.2 | 12 | 51 |
| Cr | aerosol | 0.45 | 0.48 | 0.24 | 3.47 | 0.01 | 0.04 | 0.32 | 1.58 | 1.93 | 91.5 | 16 | 48 |
| Cu | aerosol | 0.88 | 0.78 | 0.49 | 3.74 | 0.02 | 0.05 | 0.72 | 2.57 | 3.21 | 98.1 | 8 | 52 |
| Mn | aerosol | 4.06 | 5.10 | 1.56 | 4.55 | 0.05 | 0.15 | 1.64 | 14.94 | 20.43 | 98.1 | 7 | 52 |
| Ni | aerosol | 0.60 | 0.57 | 0.30 | 3.87 | 0.01 | 0.03 | 0.47 | 1.85 | 2.03 | 98.1 | 18 | 52 |
| Pb | aerosol | 3.85 | 5.37 | 1.76 | 3.98 | 0.01 | 0.25 | 1.80 | 17.22 | 26.33 | 97.3 | 1 | 51 |
| Zn | aerosol | 19.70 | 24.48 | 9.92 | 3.48 | 0.20 | 1.36 | 8.93 | 75.14 | 120.52 | 96.2 | 1 | 51 |

LV0016R Zoseni

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.39 | 0.36 | 0.25 | 3.01 | 0.01 | 0.03 | 0.28 | 1.32 | 1.40 | 97.8 | 12 | 51 |
| Cd | aerosol | 0.11 | 0.14 | 0.06 | 3.33 | 0.01 | 0.01 | 0.07 | 0.45 | 0.70 | 97.8 | 4 | 51 |
| Cr | aerosol | 0.52 | 0.52 | 0.32 | 2.86 | 0.02 | 0.07 | 0.33 | 1.79 | 2.52 | 90.1 | 8 | 47 |
| Cu | aerosol | 1.14 | 0.79 | 0.90 | 2.09 | 0.15 | 0.18 | 1.03 | 3.18 | 3.78 | 97.8 | 0 | 51 |
| Mn | aerosol | 9.88 | 12.14 | 4.87 | 3.91 | 0.06 | 0.51 | 4.48 | 41.82 | 60.72 | 97.8 | 2 | 51 |
| Ni | aerosol | 0.69 | 0.50 | 0.48 | 2.79 | 0.03 | 0.04 | 0.60 | 1.81 | 2.11 | 97.8 | 6 | 51 |
| Pb | aerosol | 3.55 | 4.09 | 2.19 | 2.73 | 0.18 | 0.37 | 2.11 | 13.54 | 21.06 | 97.8 | 0 | 51 |
| Zn | aerosol | 13.70 | 11.03 | 9.45 | 2.91 | 0.20 | 0.58 | 11.28 | 37.53 | 61.42 | 97.8 | 1 | 51 |

NL0008R Bilthoven

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.57 | 0.63 | 0.39 | 2.38 | 0.06 | 0.09 | 0.38 | 1.59 | 5.14 | 30.1 | 0 | 110 |
| Cd | aerosol | 0.19 | 0.20 | 0.13 | 2.51 | 0.01 | 0.03 | 0.13 | 0.63 | 1.11 | 30.1 | 0 | 110 |
| Ni | aerosol | 1.97 | 1.98 | 1.37 | 2.59 | -0.06 | 0.34 | 1.53 | 5.24 | 14.07 | 29.9 | 0 | 109 |
| Pb | aerosol | 6.13 | 5.16 | 4.48 | 2.25 | 0.47 | 1.13 | 4.38 | 18.93 | 28.77 | 30.1 | 0 | 110 |
| Zn | aerosol | 19.45 | 15.58 | 14.15 | 2.39 | 0.27 | 3.49 | 14.06 | 55.57 | 71.90 | 30.1 | 0 | 110 |

NL0009R Kollumerwaard

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.37 | 0.34 | 0.26 | 2.33 | 0.10 | 0.10 | 0.27 | 1.04 | 2.07 | 44.7 | 58 | 163 |
| Cd | aerosol | 0.12 | 0.13 | 0.07 | 2.71 | 0.00 | 0.02 | 0.08 | 0.36 | 0.76 | 44.7 | 40 | 163 |
| Ni | aerosol | 1.54 | 1.10 | 1.27 | 1.80 | 0.70 | 0.70 | 1.14 | 4.09 | 6.55 | 44.7 | 54 | 163 |
| Pb | aerosol | 4.96 | 4.86 | 3.26 | 2.65 | 0.23 | 0.55 | 3.40 | 15.58 | 31.98 | 44.7 | 0 | 163 |
| Zn | aerosol | 19.73 | 16.60 | 15.29 | 1.97 | 7.70 | 7.70 | 13.54 | 55.46 | 99.70 | 44.7 | 54 | 163 |

NL0010R Vredepeel

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.43 | 0.31 | 0.33 | 2.21 | 0.02 | 0.07 | 0.36 | 1.18 | 1.46 | 22.2 | 0 | 81 |
| Cd | aerosol | 0.15 | 0.15 | 0.11 | 2.51 | 0.00 | 0.02 | 0.12 | 0.30 | 0.83 | 22.2 | 0 | 81 |
| Ni | aerosol | 1.13 | 0.98 | 0.83 | 2.35 | -0.08 | 0.16 | 0.85 | 3.79 | 5.23 | 22.2 | 0 | 81 |
| Pb | aerosol | 5.71 | 4.16 | 4.55 | 2.04 | 0.67 | 0.92 | 4.76 | 11.70 | 30.66 | 22.2 | 0 | 81 |
| Zn | aerosol | 21.35 | 22.29 | 14.34 | 2.79 | 0.13 | 1.92 | 16.59 | 51.93 | 170.78 | 21.9 | 0 | 80 |

NO0001R Birkenes

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.21 | 0.17 | 0.12 | 2.28 | 0.03 | 0.05 | 0.12 | 0.60 | 0.94 | 99.7 | 63 | 125 |
| Cd | pm10 | 0.05 | 0.06 | 0.02 | 2.93 | 0.00 | 0.00 | 0.03 | 0.15 | 0.39 | 99.7 | 40 | 125 |
| Co | pm10 | 0.03 | 0.03 | 0.02 | 2.08 | 0.01 | 0.01 | 0.02 | 0.08 | 0.15 | 99.7 | 70 | 125 |
| Cr | pm10 | 0.52 | 1.06 | 0.53 | 2.54 | 0.10 | 0.10 | 0.59 | 2.34 | 8.26 | 99.7 | 121 | 125 |
| Cu | pm10 | 0.82 | 3.69 | 0.56 | 3.22 | 0.03 | 0.12 | 0.54 | 4.68 | 38.99 | 99.7 | 56 | 125 |
| Hg | air+aerosol | 1.86 | 0.28 | 1.84 | 1.16 | 1.43 | 1.48 | 1.78 | 2.38 | 2.39 | 7.9 | 0 | 29 |
| Ni | pm10 | 0.61 | 0.88 | 0.34 | 2.97 | 0.05 | 0.09 | 0.34 | 1.75 | 5.11 | 99.7 | 51 | 125 |
| Pb | pm10 | 1.29 | 1.31 | 0.67 | 2.91 | 0.06 | 0.13 | 0.60 | 4.38 | 7.25 | 99.7 | 47 | 125 |
| V | pm10 | 0.81 | 1.19 | 0.32 | 4.00 | 0.04 | 0.04 | 0.39 | 1.73 | 11.74 | 99.7 | 46 | 125 |
| Zn | pm10 | 4.25 | 4.20 | 2.33 | 2.69 | 0.53 | 0.61 | 2.20 | 13.08 | 21.24 | 99.7 | 28 | 125 |

NO0042G Spitsbergen, Zeppelinfjell

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.05 | 0.09 | 0.02 | 3.44 | 0.00 | 0.00 | 0.02 | 0.25 | 0.49 | 27.7 | 7 | 49 |
| Cd | aerosol | 0.01 | 0.02 | 0.01 | 3.92 | 0.00 | 0.00 | 0.00 | 0.07 | 0.10 | 27.1 | 24 | 48 |
| Co | aerosol | 0.01 | 0.02 | 0.01 | 2.94 | 0.00 | 0.00 | 0.00 | 0.04 | 0.15 | 27.1 | 25 | 48 |
| Cr | aerosol | 0.07 | 0.06 | 0.06 | 1.88 | 0.01 | 0.03 | 0.04 | 0.23 | 0.26 | 27.1 | 43 | 48 |
| Cu | aerosol | 0.31 | 0.46 | 0.18 | 2.67 | 0.04 | 0.04 | 0.16 | 1.61 | 2.44 | 27.1 | 10 | 48 |
| Hg | air | 1.68 | 0.28 | 1.65 | 1.26 | 0.10 | 1.24 | 1.71 | 2.07 | 2.83 | 85.1 | 0 | 7454 |
| Mn | aerosol | 0.19 | 0.29 | 0.11 | 2.56 | 0.04 | 0.05 | 0.06 | 0.85 | 1.61 | 27.1 | 28 | 48 |
| Ni | aerosol | 0.08 | 0.13 | 0.04 | 3.04 | 0.01 | 0.01 | 0.04 | 0.45 | 0.71 | 27.1 | 24 | 48 |
| Pb | aerosol | 0.38 | 0.76 | 0.12 | 4.74 | 0.01 | 0.01 | 0.12 | 2.27 | 4.29 | 27.1 | 3 | 48 |
| V | aerosol | 0.06 | 0.05 | 0.05 | 2.20 | 0.01 | 0.01 | 0.04 | 0.20 | 0.23 | 27.7 | 0 | 49 |
| Zn | aerosol | 1.12 | 1.54 | 0.61 | 2.98 | 0.14 | 0.20 | 0.52 | 5.71 | 6.56 | 27.1 | 30 | 48 |

PL0005R Diabla Gora

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.50 | 0.44 | 0.39 | 2.14 | 0.00 | 0.10 | 0.50 | 1.52 | 2.50 | 89.0 | 0 | 47 |
| Cd | pm10 | 0.17 | 0.22 | 0.18 | 2.02 | 0.00 | 0.00 | 0.10 | 0.74 | 1.00 | 89.0 | 0 | 47 |
| Cr | pm10 | 1.13 | 0.62 | 0.96 | 1.77 | 0.33 | 0.35 | 0.97 | 2.57 | 2.98 | 89.0 | 0 | 47 |
| Cu | pm10 | 11.70 | 31.70 | 1.12 | 6.06 | 0.00 | 0.20 | 0.70 | 99.90 | 99.90 | 99.9 | 0 | 53 |
| Hg | air | 1.15 | 0.71 | 1.05 | 1.63 | 0.00 | 0.23 | 1.00 | 3.23 | 3.40 | 14.2 | 9 | 52 |
| Ni | pm10 | 0.69 | 0.53 | 0.52 | 2.23 | 0.05 | 0.16 | 0.54 | 1.99 | 2.15 | 89.0 | 0 | 47 |
| Pb | pm10 | 6.19 | 6.32 | 4.16 | 2.58 | 0.50 | 0.50 | 4.20 | 17.16 | 36.00 | 89.0 | 0 | 47 |
| Zn | pm10 | 18.95 | 16.16 | 14.83 | 1.99 | 3.90 | 4.22 | 14.80 | 52.76 | 96.80 | 89.0 | 0 | 47 |

SE0014R Råö

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.41 | 0.22 | 0.37 | 1.67 | 0.18 | 0.18 | 0.36 | 0.82 | 0.82 | 99.7 | 0 | 12 |
| Cd | aerosol | 0.07 | 0.05 | 0.05 | 1.99 | 0.02 | 0.02 | 0.06 | 0.19 | 0.19 | 99.7 | 0 | 12 |
| Hg | aerosol | 6.36 | 5.29 | 4.91 | 2.01 | 1.20 | 1.50 | 4.40 | 20.00 | 28.00 | 27.1 | 0 | 99 |
| Hg | air+aerosol | 1.55 | 0.18 | 1.54 | 1.12 | 1.00 | 1.23 | 1.50 | 1.90 | 2.00 | 28.5 | 0 | 104 |
| Ni | aerosol | 2.65 | 4.81 | 1.34 | 2.41 | 0.56 | 0.56 | 1.17 | 17.72 | 17.72 | 99.7 | 0 | 12 |
| Pb | aerosol | 2.05 | 1.15 | 1.78 | 1.74 | 0.79 | 0.79 | 1.77 | 4.34 | 4.34 | 99.7 | 0 | 12 |

SI0008R Iskrba

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.64 | 0.46 | 0.50 | 1.97 | 0.27 | 0.27 | 0.27 | 1.67 | 1.81 | 16.2 | 30 | 59 |
| Cd | pm10 | 0.10 | 0.11 | 0.05 | 3.54 | 0.01 | 0.01 | 0.05 | 0.31 | 0.60 | 16.2 | 17 | 59 |
| Ni | pm10 | 3.71 | 2.63 | 2.88 | 2.12 | 0.90 | 0.90 | 3.10 | 9.10 | 12.00 | 16.2 | 13 | 59 |
| Pb | pm10 | 4.09 | 3.44 | 2.82 | 2.62 | 0.45 | 0.45 | 3.40 | 12.50 | 17.60 | 16.2 | 9 | 59 |

SK0002R Chopok

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.13 | 0.11 | 0.07 | 3.54 | 0.00 | 0.01 | 0.12 | 0.34 | 0.45 | 84.1 | 5 | 50 |
| Cd | pm10 | 0.05 | 0.04 | 0.03 | 2.39 | 0.01 | 0.01 | 0.04 | 0.14 | 0.17 | 82.5 | 0 | 49 |
| Cr | pm10 | 0.58 | 0.63 | 0.37 | 2.81 | 0.03 | 0.06 | 0.38 | 2.30 | 2.93 | 84.1 | 0 | 50 |
| Cu | pm10 | 0.83 | 0.57 | 0.69 | 1.92 | 0.16 | 0.21 | 0.71 | 1.80 | 3.66 | 84.1 | 0 | 50 |
| Ni | pm10 | 0.43 | 0.35 | 0.34 | 2.11 | 0.09 | 0.10 | 0.30 | 1.12 | 1.79 | 84.1 | 0 | 50 |
| Pb | pm10 | 1.59 | 1.28 | 1.11 | 2.54 | 0.14 | 0.23 | 1.30 | 4.15 | 5.92 | 84.1 | 0 | 50 |
| Zn | pm10 | 4.16 | 2.58 | 3.37 | 1.99 | 0.64 | 0.91 | 3.84 | 9.90 | 11.68 | 84.1 | 0 | 50 |

SK0004R Stará Lesná

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.52 | 0.31 | 0.45 | 1.71 | 0.14 | 0.19 | 0.46 | 1.32 | 1.73 | 80.5 | 0 | 49 |
| Cd | pm10 | 0.20 | 0.17 | 0.16 | 1.90 | 0.05 | 0.06 | 0.17 | 0.64 | 0.89 | 80.5 | 0 | 49 |
| Cr | pm10 | 0.49 | 0.53 | 0.30 | 2.82 | 0.03 | 0.05 | 0.36 | 1.94 | 2.64 | 82.2 | 5 | 50 |
| Cu | pm10 | 2.39 | 2.21 | 2.01 | 1.69 | 0.58 | 0.81 | 2.02 | 4.12 | 16.39 | 80.5 | 0 | 49 |
| Ni | pm10 | 0.44 | 0.33 | 0.35 | 2.05 | 0.06 | 0.09 | 0.38 | 1.33 | 1.64 | 82.2 | 0 | 50 |
| Pb | pm10 | 5.93 | 2.99 | 5.22 | 1.68 | 1.90 | 2.01 | 5.69 | 11.45 | 14.20 | 78.9 | 0 | 48 |
| Zn | pm10 | 13.02 | 8.04 | 11.56 | 1.59 | 4.35 | 5.44 | 11.20 | 26.36 | 56.02 | 80.5 | 0 | 49 |

SK0006R Starina

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.45 | 0.23 | 0.40 | 1.63 | 0.14 | 0.17 | 0.41 | 0.94 | 1.34 | 72.6 | 0 | 44 |
| Cd | pm10 | 0.28 | 0.20 | 0.24 | 1.73 | 0.08 | 0.10 | 0.23 | 0.90 | 1.00 | 72.6 | 0 | 44 |
| Cr | pm10 | 0.59 | 0.70 | 0.37 | 2.66 | 0.03 | 0.06 | 0.44 | 1.71 | 4.34 | 72.6 | 0 | 44 |
| Cu | pm10 | 2.10 | 1.30 | 1.77 | 2.00 | 0.06 | 0.81 | 1.89 | 4.82 | 8.35 | 72.6 | 0 | 44 |
| Ni | pm10 | 0.58 | 0.35 | 0.48 | 1.93 | 0.06 | 0.14 | 0.48 | 1.22 | 1.91 | 72.6 | 0 | 44 |
| Pb | pm10 | 8.44 | 6.70 | 6.98 | 1.78 | 2.25 | 3.11 | 6.34 | 24.59 | 37.39 | 72.6 | 0 | 44 |
| Zn | pm10 | 12.59 | 5.28 | 11.71 | 1.46 | 4.67 | 6.98 | 11.30 | 26.05 | 31.09 | 72.6 | 0 | 44 |

SK0007R Topolniky

January 2007 - December 2007

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.82 | 0.63 | 0.63 | 2.18 | 0.09 | 0.13 | 0.65 | 1.72 | 3.84 | 83.8 | 0 | 50 |
| Cd | pm10 | 0.28 | 0.22 | 0.22 | 2.06 | 0.05 | 0.06 | 0.20 | 0.72 | 1.09 | 83.8 | 0 | 50 |
| Cr | pm10 | 1.02 | 0.75 | 0.78 | 2.17 | 0.10 | 0.18 | 0.86 | 2.78 | 3.65 | 83.8 | 0 | 50 |
| Cu | pm10 | 4.09 | 1.92 | 3.73 | 1.56 | 1.38 | 1.84 | 3.51 | 9.10 | 9.41 | 83.8 | 0 | 50 |
| Ni | pm10 | 1.14 | 0.81 | 0.95 | 1.83 | 0.33 | 0.37 | 1.00 | 3.21 | 4.05 | 82.2 | 0 | 49 |
| Pb | pm10 | 11.03 | 9.20 | 8.46 | 2.09 | 1.97 | 2.30 | 8.24 | 30.89 | 49.63 | 83.8 | 0 | 50 |
| Zn | pm10 | 19.33 | 9.68 | 17.28 | 1.64 | 6.37 | 7.32 | 16.38 | 41.78 | 46.64 | 83.8 | 0 | 50 |

# Annex 3

# Annual statistics for POPs in precipitation

BE0014R Koksijde

January 2007 - December 2007

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| alpha_HCH | 0.35 | 0.35 | 0.35 | 428.2 | 100.0 | 13 | 13 |
| dieldrin | 0.20 | 0.20 | 0.20 | 244.7 | 100.0 | 13 | 13 |
| endrin | 0.55 | 0.55 | 0.55 | 672.8 | 100.0 | 13 | 13 |
| gamma_HCH | 0.39 | 0.20 | 0.81 | 475.7 | 100.0 | 7 | 12 |
| heptachlor | 1.00 | 1.00 | 1.00 | 1223.3 | 100.0 | 13 | 13 |
| pp_DDD | 0.50 | 0.50 | 0.50 | 611.7 | 100.0 | 13 | 13 |
| pp_DDE | 0.70 | 0.70 | 0.70 | 856.3 | 100.0 | 13 | 13 |
| pp_DDT | 0.50 | 0.50 | 0.50 | 611.7 | 100.0 | 13 | 13 |

DE0001R Westerland

January 2007 - December 2007

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| HCB | 0.03 | 0.01 | 0.38 | 24.2 | 100.0 | 0 | 12 |
| PCB_101 | 0.069 | 0.027 | 1.920 | 49.8 | 100.0 | 0 | 12 |
| PCB_118 | 0.029 | 0.007 | 0.541 | 20.8 | 100.0 | 0 | 12 |
| PCB_138 | 0.131 | 0.030 | 4.010 | 94.6 | 100.0 | 0 | 12 |
| PCB_153 | 0.117 | 0.030 | 3.120 | 84.6 | 100.0 | 0 | 12 |
| PCB_180 | 0.045 | 0.013 | 0.899 | 32.3 | 100.0 | 0 | 12 |
| PCB_28 | 0.079 | 0.038 | 1.530 | 56.8 | 100.0 | 0 | 12 |
| PCB_52 | 0.026 | 0.012 | 0.476 | 18.5 | 100.0 | 0 | 12 |
| alpha_HCH | 0.17 | 0.05 | 1.57 | 123.9 | 100.0 | 0 | 12 |
| anthracene | 0.39 | 0.12 | 6.29 | 282.1 | 100.0 | 0 | 12 |
| benz_a_anthracene | 1.10 | 0.42 | 4.07 | 792.2 | 100.0 | 0 | 12 |
| dibenzo_ah_anthracene | 0.27 | 0.10 | 2.70 | 194.1 | 100.0 | 0 | 12 |
| dieldrin | 0.06 | 0.03 | 0.52 | 46.1 | 100.0 | 0 | 12 |
| endrin | 0.01 | 0.00 | 0.20 | 9.3 | 100.0 | 0 | 12 |
| fluoranthene | 9.73 | 2.90 | 51.00 | 7034.3 | 100.0 | 0 | 12 |
| heptachlor | 0.01 | 0.00 | 0.12 | 4.3 | 100.0 | 0 | 12 |
| inden_123cd_pyrene | 1.30 | 0.38 | 7.25 | 938.4 | 100.0 | 0 | 12 |
| op_DDD | 0.01 | 0.00 | 0.36 | 6.7 | 100.0 | 0 | 12 |
| op_DDE | 0.01 | 0.00 | 0.14 | 3.8 | 100.0 | 0 | 12 |
| op_DDT | 0.01 | 0.00 | 0.24 | 7.0 | 100.0 | 0 | 12 |
| phenanthrene | 10.94 | 4.10 | 47.10 | 7905.7 | 100.0 | 0 | 12 |
| pp_DDD | 0.01 | 0.00 | 0.51 | 7.7 | 100.0 | 0 | 12 |
| pp_DDE | 0.02 | 0.01 | 0.46 | 11.5 | 100.0 | 0 | 12 |
| pp_DDT | 0.02 | 0.01 | 0.50 | 15.0 | 100.0 | 0 | 12 |
| pyrene | 5.78 | 1.40 | 27.80 | 4177.6 | 100.0 | 0 | 12 |

FI0096G Pallas (Sammaltunturi)

January 2007 - December 2007 precipitation + dry deposition

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| PCB_101 | 0.111 | 0.050 | 0.210 | 9.3 | 23.0 | 0 | 12 |
| PCB_118 | 0.080 | 0.040 | 0.150 | 6.7 | 23.0 | 0 | 12 |
| PCB_138 | 0.149 | 0.080 | 0.280 | 12.5 | 23.0 | 0 | 12 |
| PCB_153 | 0.144 | 0.070 | 0.260 | 12.1 | 23.0 | 0 | 12 |
| PCB_180 | 0.070 | 0.040 | 0.120 | 5.9 | 23.0 | 0 | 12 |
| PCB_28 | 0.005 | 0.005 | 0.005 | 0.4 | 23.0 | 12 | 12 |
| PCB_52 | 0.126 | 0.100 | 0.160 | 10.6 | 23.0 | 0 | 12 |
| anthracene | 0.00 | 0.00 | 0.00 | 0.0 | 23.0 | 0 | 12 |
| benz_a_anthracene | 1.16 | 0.00 | 3.00 | 97.0 | 23.0 | 0 | 12 |
| benzo_a_pyrene | 1.155 | 0.000 | 3.000 | 97.0 | 23.0 | 0 | 12 |
| benzo_b_fluoranthene | 2.24 | 0.00 | 8.00 | 188.0 | 23.0 | 0 | 12 |
| benzo_ghi_perylene | 1.17 | 0.00 | 4.00 | 98.0 | 23.0 | 1 | 12 |
| benzo_k_fluoranthene | 0.82 | 0.00 | 3.00 | 69.0 | 23.0 | 0 | 12 |
| fluoranthene | 6.38 | 1.00 | 18.00 | 536.0 | 23.0 | 0 | 12 |
| gamma_HCH | 0.11 | 0.02 | 0.64 | 9.2 | 23.0 | 0 | 12 |
| inden_123cd_pyrene | 1.32 | 0.00 | 6.00 | 111.0 | 23.0 | 1 | 12 |
| phenanthrene | 8.55 | 1.00 | 17.00 | 718.0 | 23.0 | 0 | 12 |
| pyrene | 6.14 | 1.00 | 14.00 | 516.0 | 23.0 | 0 | 12 |

IS0091R Storhofdi

January 2007 - December 2007

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| HCB | 0.01 | 0.00 | 0.15 | 6.9 | 97.2 | 2 | 24 |
| PCB_101 | 0.007 | 0.002 | 0.330 | 6.2 | 97.2 | 20 | 24 |
| PCB_105 | 0.01 | 0.00 | 0.10 | 4.3 | 97.2 | 18 | 24 |
| PCB_118 | 0.008 | 0.001 | 0.100 | 7.0 | 97.2 | 15 | 24 |
| PCB_138 | 0.015 | 0.001 | 0.490 | 12.7 | 97.2 | 7 | 24 |
| PCB_153 | 0.010 | 0.001 | 0.340 | 8.8 | 97.2 | 9 | 24 |
| PCB_156 | 0.00 | 0.00 | 0.10 | 3.2 | 97.2 | 21 | 24 |
| PCB_180 | 0.006 | 0.001 | 0.100 | 5.4 | 95.8 | 16 | 23 |
| PCB_28 | 0.026 | 0.003 | 0.483 | 22.4 | 97.2 | 23 | 24 |
| PCB_31 | 0.021 | 0.002 | 0.400 | 17.8 | 97.2 | 23 | 24 |
| PCB_52 | 0.008 | 0.002 | 0.150 | 6.8 | 97.2 | 24 | 24 |
| alpha_HCH | 0.10 | 0.06 | 0.35 | 86.7 | 97.2 | 0 | 24 |
| beta_HCH | 0.01 | 0.00 | 0.10 | 5.2 | 97.2 | 11 | 24 |
| cis_CD | 0.00 | 0.00 | 0.05 | 2.5 | 97.2 | 18 | 24 |
| dieldrin | 0.03 | 0.02 | 0.32 | 29.0 | 97.2 | 0 | 24 |
| gamma_HCH | 0.03 | 0.01 | 0.11 | 28.6 | 97.2 | 1 | 24 |
| op_DDT | 0.00 | 0.00 | 0.10 | 2.5 | 97.2 | 24 | 24 |
| pp_DDD | 0.00 | 0.00 | 0.10 | 2.8 | 97.2 | 22 | 24 |
| pp_DDE | 0.00 | 0.00 | 0.10 | 2.6 | 97.2 | 23 | 24 |
| pp_DDT | 0.01 | 0.00 | 0.10 | 4.0 | 97.2 | 22 | 24 |
| trans_CD | 0.00 | 0.00 | 0.05 | 2.2 | 97.2 | 20 | 24 |
| trans_NO | 0.00 | 0.00 | 0.16 | 2.8 | 97.2 | 14 | 24 |

NL0091R De Zilk

January 2007 - December 2007

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| gamma_HCH | 3.33 | 1.92 | 10.71 | 2735.5 | 100.0 | 0 | 14 |

NO0001R Birkenes

January 2007 - December 2007

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| HCB | 0.58 | 0.03 | 10.37 | 833.4 | 100.0 | 0 | 53 |
| PCB_101 | 0.030 | 0.003 | 0.216 | 43.2 | 100.0 | 3 | 53 |
| PCB_118 | 0.035 | 0.002 | 0.304 | 50.0 | 86.5 | 6 | 47 |
| PCB_138 | 0.057 | 0.003 | 0.682 | 82.0 | 86.5 | 2 | 47 |
| PCB_153 | 0.109 | 0.007 | 1.413 | 156.3 | 86.5 | 1 | 47 |
| PCB_180 | 0.029 | 0.002 | 0.348 | 41.7 | 86.5 | 7 | 47 |
| PCB_28 | 0.027 | 0.005 | 0.244 | 38.4 | 100.0 | 0 | 53 |
| PCB_52 | 0.025 | 0.003 | 0.158 | 35.9 | 100.0 | 3 | 53 |
| alpha_HCH | 0.26 | 0.07 | 2.00 | 371.6 | 100.0 | 0 | 53 |
| gamma_HCH | 0.40 | 0.08 | 0.98 | 567.7 | 100.0 | 0 | 53 |
| sum_PCB | 1.33 | 0.04 | 76.35 | 1907.4 | 100.0 | 0 | 53 |

SE0014R Råö

January 2007 - December 2007 precipitation + dry deposition

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| PCB_101 | 0.092 | 0.040 | 0.150 | 33.4 | 99.7 | 0 | 12 |
| PCB_118 | 0.087 | 0.040 | 0.150 | 31.6 | 99.7 | 0 | 12 |
| PCB_138 | 0.304 | 0.100 | 0.500 | 110.7 | 99.7 | 0 | 12 |
| PCB_153 | 0.298 | 0.090 | 0.530 | 108.5 | 99.7 | 0 | 12 |
| PCB_180 | 0.194 | 0.070 | 0.320 | 70.8 | 99.7 | 0 | 12 |
| PCB_28 | 0.005 | 0.005 | 0.005 | 1.8 | 99.7 | 12 | 12 |
| PCB_52 | 0.031 | 0.005 | 0.050 | 11.2 | 99.7 | 2 | 12 |
| alpha_HCH | 0.14 | 0.01 | 0.35 | 49.4 | 99.7 | 0 | 12 |
| anthracene | 0.58 | 0.00 | 2.00 | 211.0 | 99.7 | 0 | 12 |
| benz_a_anthracene | 3.35 | 1.00 | 13.00 | 1222.0 | 99.7 | 0 | 12 |
| benzo_a_pyrene | 4.344 | 1.000 | 16.000 | 1585.0 | 99.7 | 0 | 12 |
| benzo_b_fluoranthene | 7.66 | 1.00 | 29.00 | 2801.0 | 99.7 | 0 | 12 |
| benzo_ghi_perylene | 0.73 | 0.00 | 4.00 | 267.0 | 99.7 | 0 | 12 |
| benzo_k_fluoranthene | 3.00 | 1.00 | 10.00 | 1096.0 | 99.7 | 0 | 12 |
| fluoranthene | 18.76 | 4.00 | 61.00 | 6856.0 | 99.7 | 0 | 12 |
| gamma_HCH | 0.28 | 0.01 | 0.71 | 103.1 | 99.7 | 0 | 12 |
| inden_123cd_pyrene | 4.19 | 1.00 | 15.00 | 1529.0 | 99.7 | 0 | 12 |
| phenanthrene | 14.94 | 4.00 | 44.00 | 5458.0 | 99.7 | 0 | 12 |
| pyrene | 11.99 | 3.00 | 37.00 | 4380.0 | 99.7 | 0 | 12 |

# Annex 4

# Annual statistics for POPs in air

DE0001R Westerland

January 2007 - December 2007

| Component | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| anthracene | 0.19 | 0.32 | 0.10 | 2.66 | 0.03 | 0.03 | 0.09 | 1.19 | 1.19 | 96.7 | 0 | 12 |
| benz_a_anthracene | 0.10 | 0.15 | 0.04 | 3.80 | 0.01 | 0.01 | 0.04 | 0.51 | 0.51 | 96.7 | 0 | 12 |
| benzo_a_pyrene | 0.093 | 0.133 | 0.040 | 3.748 | 0.010 | 0.010 | 0.025 | 0.430 | 0.430 | 96.7 | 0 | 12 |
| benzo_bjk_fluoranthenes | 0.42 | 0.57 | 0.19 | 3.67 | 0.03 | 0.03 | 0.17 | 1.77 | 1.77 | 96.7 | 0 | 12 |
| benzo_ghi_perylene | 0.15 | 0.18 | 0.08 | 3.13 | 0.02 | 0.02 | 0.07 | 0.57 | 0.57 | 96.7 | 0 | 12 |
| chrysene_triphenylene | 0.24 | 0.31 | 0.13 | 3.09 | 0.03 | 0.03 | 0.12 | 1.02 | 1.02 | 96.7 | 0 | 12 |
| dibenzo_ah_anthracene | 0.03 | 0.04 | 0.03 | 2.69 | 0.00 | 0.00 | 0.01 | 0.13 | 0.13 | 96.7 | 0 | 12 |
| fluoranthene | 0.94 | 0.74 | 0.74 | 2.02 | 0.27 | 0.27 | 0.71 | 2.89 | 2.89 | 96.7 | 0 | 12 |
| inden_123cd_pyrene | 0.17 | 0.21 | 0.09 | 3.17 | 0.02 | 0.02 | 0.07 | 0.62 | 0.62 | 96.7 | 0 | 12 |
| phenanthrene | 2.64 | 1.33 | 2.34 | 1.70 | 0.97 | 0.97 | 2.46 | 5.29 | 5.29 | 96.7 | 0 | 12 |
| pyrene | 0.56 | 0.58 | 0.39 | 2.37 | 0.12 | 0.12 | 0.38 | 2.13 | 2.13 | 96.7 | 0 | 12 |

DE0009R Zingst

January 2007 - December 2007

| Component | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| anthracene | 0.09 | 0.10 | 0.06 | 2.63 | 0.01 | 0.01 | 0.06 | 0.32 | 0.32 | 96.7 | 0 | 12 |
| benzo_a_pyrene | 0.155 | 0.215 | 0.063 | 4.245 | 0.010 | 0.010 | 0.050 | 0.590 | 0.590 | 96.7 | 0 | 12 |
| benzo_bjk_fluoranthenes | 0.59 | 0.73 | 0.27 | 4.00 | 0.04 | 0.04 | 0.23 | 1.95 | 1.95 | 96.7 | 0 | 12 |
| benzo_ghi_perylene | 0.24 | 0.30 | 0.12 | 3.67 | 0.02 | 0.02 | 0.10 | 0.91 | 0.91 | 96.7 | 0 | 12 |
| chrysene_triphenylene | 0.26 | 0.29 | 0.15 | 3.19 | 0.03 | 0.03 | 0.14 | 0.89 | 0.89 | 96.7 | 0 | 12 |
| dibenzo_ah_anthracene | 0.04 | 0.05 | 0.04 | 2.87 | 0.00 | 0.00 | 0.01 | 0.13 | 0.13 | 96.7 | 0 | 12 |
| fluoranthene | 0.75 | 0.72 | 0.54 | 2.29 | 0.19 | 0.19 | 0.40 | 2.44 | 2.44 | 96.7 | 0 | 12 |

EE0009R Lahemaa

January 2007 - December 2007

| Component | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| benzo_a_pyrene | 0.096 | 0.133 | 0.046 | 4.220 | 0.000 | 0.003 | 0.040 | 0.500 | 0.600 | 99.7 | 0 | 53 |

ES0008R Niembro

January 2007 - December 2007

| Component | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| acenaphthene | 0.06 | 0.01 | 0.06 | 1.37 | 0.01 | 0.06 | 0.06 | 0.06 | 0.06 | 14.0 | 0 | 51 |
| acenaphthylene | 0.03 | 0.00 | 0.03 | 1.07 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 14.0 | 0 | 51 |
| anthracene | 0.01 | 0.00 | 0.01 | 1.55 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 1.6 | 42 | 6 |
| benzo_a_pyrene | 0.021 | 0.007 | 0.020 | 1.285 | 0.017 | 0.017 | 0.019 | 0.037 | 0.057 | 14.0 | 0 | 51 |
| benzo_b_fluoranthene | 19.25 | 138.67 | 0.03 | 4.43 | 0.01 | 0.02 | 0.02 | 0.04 | 999.99 | 14.2 | 0 | 52 |
| benzo_ghi_perylene | 0.03 | 0.03 | 0.03 | 1.45 | 0.02 | 0.02 | 0.02 | 0.04 | 0.26 | 14.0 | 0 | 51 |
| benzo_k_fluoranthene | 0.01 | 0.01 | 0.01 | 1.44 | 0.01 | 0.01 | 0.01 | 0.03 | 0.04 | 14.0 | 0 | 51 |
| chrysene | 0.02 | 0.01 | 0.02 | 1.22 | 0.01 | 0.01 | 0.01 | 0.02 | 0.04 | 14.0 | 0 | 51 |
| dibenzo_ah_anthracene | 0.03 | 0.00 | 0.03 | 1.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 | 14.0 | 0 | 51 |
| fluorene | 0.01 | 0.00 | 0.01 | 1.53 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 13.2 | 29 | 48 |
| inden_123cd_pyrene | 0.03 | 0.00 | 0.03 | 1.09 | 0.03 | 0.03 | 0.03 | 0.04 | 0.04 | 14.0 | 0 | 51 |
| phenanthrene | 0.01 | 0.00 | 0.01 | 1.26 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 14.0 | 0 | 51 |
| pyrene | 0.01 | 0.01 | 0.01 | 1.45 | 0.01 | 0.01 | 0.01 | 0.01 | 0.04 | 14.0 | 0 | 51 |

FI0096G Pallas (Sammaltunturi)

January 2007 - December 2007

| Component | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCB_101 | 0.883 | 0.390 | 0.813 | 1.514 | 0.424 | 0.424 | 0.742 | 1.651 | 1.651 | 23.0 | 0 | 12 |
| PCB_118 | 0.288 | 0.122 | 0.262 | 1.559 | 0.141 | 0.141 | 0.272 | 0.510 | 0.510 | 23.0 | 0 | 12 |
| PCB_138 | 0.250 | 0.112 | 0.230 | 1.511 | 0.121 | 0.121 | 0.227 | 0.525 | 0.525 | 23.0 | 0 | 12 |
| PCB_153 | 0.303 | 0.115 | 0.284 | 1.442 | 0.150 | 0.150 | 0.292 | 0.566 | 0.566 | 23.0 | 0 | 12 |
| PCB_180 | 0.068 | 0.054 | 0.056 | 1.879 | 0.024 | 0.024 | 0.056 | 0.221 | 0.221 | 23.0 | 0 | 12 |
| PCB_28 | 1.622 | 0.712 | 1.493 | 1.567 | 0.802 | 0.802 | 1.506 | 2.834 | 2.834 | 23.0 | 0 | 12 |
| PCB_52 | 1.624 | 0.675 | 1.513 | 1.499 | 0.865 | 0.865 | 1.522 | 2.915 | 2.915 | 23.0 | 0 | 12 |
| alpha_HCH | 7.75 | 1.77 | 7.57 | 1.26 | 5.00 | 5.00 | 7.50 | 11.00 | 11.00 | 23.0 | 0 | 12 |
| anthracene | 0.00 | 0.00 | 0.00 | 1.77 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 23.0 | 0 | 12 |
| benz_a_anthracene | 0.01 | 0.01 | 0.01 | 2.32 | 0.00 | 0.00 | 0.00 | 0.03 | 0.03 | 23.0 | 0 | 12 |
| benzo_a_pyrene | 0.016 | 0.028 | 0.006 | 4.137 | 0.001 | 0.001 | 0.006 | 0.096 | 0.096 | 20.8 | 0 | 11 |
| benzo_b_fluoranthene | 0.02 | 0.02 | 0.01 | 3.44 | 0.00 | 0.00 | 0.01 | 0.06 | 0.06 | 23.0 | 0 | 12 |
| benzo_ghi_perylene | 0.01 | 0.01 | 0.01 | 3.51 | 0.00 | 0.00 | 0.00 | 0.04 | 0.04 | 23.0 | 1 | 12 |
| benzo_k_fluoranthene | 0.01 | 0.01 | 0.00 | 3.36 | 0.00 | 0.00 | 0.00 | 0.03 | 0.03 | 23.0 | 0 | 12 |
| chrysene_triphenylene | 0.02 | 0.02 | 0.01 | 3.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.07 | 20.8 | 0 | 11 |
| fluoranthene | 0.10 | 0.10 | 0.07 | 2.29 | 0.02 | 0.02 | 0.07 | 0.31 | 0.31 | 23.0 | 0 | 12 |
| gamma_HCH | 1.82 | 0.72 | 1.70 | 1.52 | 1.00 | 1.00 | 2.00 | 3.00 | 3.00 | 23.0 | 0 | 12 |
| inden_123cd_pyrene | 0.01 | 0.02 | 0.00 | 4.33 | 0.00 | 0.00 | 0.00 | 0.06 | 0.06 | 23.0 | 2 | 12 |
| phenanthrene | 0.32 | 0.28 | 0.25 | 2.05 | 0.08 | 0.08 | 0.23 | 1.00 | 1.00 | 23.0 | 0 | 12 |
| pp_DDD | 0.07 | 0.05 | 0.06 | 2.25 | 0.01 | 0.01 | 0.06 | 0.16 | 0.16 | 23.0 | 2 | 12 |
| pp_DDE | 0.67 | 0.65 | 0.44 | 2.64 | 0.12 | 0.12 | 0.42 | 2.26 | 2.26 | 23.0 | 0 | 12 |
| pp_DDT | 0.19 | 0.10 | 0.17 | 1.60 | 0.09 | 0.09 | 0.16 | 0.39 | 0.39 | 23.0 | 0 | 12 |
| pyrene | 0.06 | 0.04 | 0.04 | 1.99 | 0.02 | 0.02 | 0.04 | 0.15 | 0.15 | 23.0 | 0 | 12 |

GB0014R High Muffles

January 2007 - December 2007

| Component | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCB_101 | 0.746 | 0.746 | 0.467 | 3.639 | 0.120 | 0.120 | 0.540 | 1.570 | 1.570 | 74.7 | 0 | 3 |
| PCB_118 | 0.308 | 0.291 | 0.139 | 6.574 | 0.010 | 0.010 | 0.285 | 0.650 | 0.650 | 99.9 | 1 | 4 |
| PCB_138 | 0.426 | 0.343 | 0.311 | 2.636 | 0.100 | 0.100 | 0.375 | 0.850 | 0.850 | 99.9 | 0 | 4 |
| PCB_153 | 1.203 | 0.810 | 0.955 | 2.332 | 0.310 | 0.310 | 1.150 | 2.190 | 2.190 | 99.9 | 0 | 4 |
| PCB_180 | 0.133 | 0.085 | 0.111 | 2.035 | 0.060 | 0.060 | 0.125 | 0.220 | 0.220 | 99.9 | 0 | 4 |
| PCB_28 | 4.490 | 3.474 | 1.163 | 24.273 | 0.010 | 0.010 | 5.330 | 7.310 | 7.310 | 99.9 | 1 | 4 |
| PCB_52 | 0.914 | 0.742 | 0.349 | 10.957 | 0.010 | 0.010 | 0.920 | 1.800 | 1.800 | 99.9 | 1 | 4 |
| anthracene | 0.23 | 0.15 | 0.18 | 2.56 | 0.05 | 0.05 | 0.23 | 0.42 | 0.42 | 99.9 | 0 | 4 |
| benz_a_anthracene | 0.05 | 0.05 | 0.04 | 2.89 | 0.01 | 0.01 | 0.04 | 0.13 | 0.13 | 99.9 | 1 | 4 |
| benzo_a_pyrene | 0.047 | 0.044 | 0.034 | 2.571 | 0.014 | 0.014 | 0.032 | 0.110 | 0.110 | 99.9 | 1 | 4 |
| benzo_ghi_perylene | 0.06 | 0.06 | 0.04 | 2.27 | 0.03 | 0.03 | 0.03 | 0.15 | 0.15 | 99.9 | 2 | 4 |
| chrysene | 0.13 | 0.09 | 0.10 | 2.07 | 0.06 | 0.06 | 0.10 | 0.25 | 0.25 | 99.9 | 0 | 4 |
| fluoranthene | 0.84 | 0.31 | 0.81 | 1.40 | 0.62 | 0.62 | 0.72 | 1.30 | 1.30 | 99.9 | 0 | 4 |
| inden_123cd_pyrene | 0.07 | 0.08 | 0.04 | 3.04 | 0.01 | 0.01 | 0.04 | 0.19 | 0.19 | 99.9 | 1 | 4 |
| phenanthrene | 5.23 | 2.98 | 4.68 | 1.70 | 2.70 | 2.70 | 4.35 | 9.50 | 9.50 | 99.9 | 0 | 4 |
| pyrene | 0.84 | 0.42 | 0.76 | 1.71 | 0.44 | 0.44 | 0.86 | 1.20 | 1.20 | 99.9 | 0 | 4 |

IS0091R Storhofdi

January 2007 - December 2007

| Component | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HCB | 5.70 | 2.23 | 5.57 | 1.38 | 3.29 | 3.30 | 5.40 | 12.29 | 13.11 | 98.7 | 0 | 24 |
| PCB_101 | 1.053 | 0.366 | 0.989 | 1.458 | 0.460 | 0.490 | 1.075 | 1.790 | 1.850 | 98.7 | 0 | 24 |
| PCB_105 | 0.11 | 0.02 | 0.11 | 1.18 | 0.08 | 0.08 | 0.10 | 0.14 | 0.14 | 98.7 | 24 | 24 |
| PCB_118 | 0.188 | 0.111 | 0.160 | 1.749 | 0.080 | 0.080 | 0.125 | 0.405 | 0.410 | 98.7 | 15 | 24 |
| PCB_138 | 0.211 | 0.135 | 0.177 | 1.861 | 0.080 | 0.080 | 0.135 | 0.468 | 0.490 | 98.7 | 13 | 24 |
| PCB_153 | 0.210 | 0.120 | 0.180 | 1.836 | 0.080 | 0.080 | 0.188 | 0.420 | 0.430 | 98.7 | 12 | 24 |
| PCB_156 | 0.11 | 0.02 | 0.11 | 1.18 | 0.08 | 0.08 | 0.10 | 0.14 | 0.14 | 98.7 | 24 | 24 |
| PCB_180 | 0.126 | 0.056 | 0.119 | 1.409 | 0.080 | 0.080 | 0.110 | 0.295 | 0.310 | 98.7 | 21 | 24 |
| PCB_28 | 2.142 | 0.885 | 2.006 | 1.454 | 1.155 | 1.160 | 1.905 | 4.490 | 4.760 | 98.7 | 11 | 24 |
| PCB_31 | 2.058 | 1.355 | 1.787 | 1.654 | 0.955 | 0.960 | 1.560 | 6.222 | 6.720 | 98.7 | 11 | 24 |
| PCB_52 | 1.993 | 0.606 | 1.912 | 1.333 | 1.150 | 1.195 | 2.020 | 3.615 | 3.790 | 98.7 | 0 | 24 |
| alpha_HCH | 6.55 | 1.27 | 6.50 | 1.21 | 4.64 | 4.75 | 6.49 | 9.46 | 9.85 | 98.7 | 0 | 24 |
| beta_HCH | 0.38 | 0.27 | 0.28 | 2.34 | 0.08 | 0.08 | 0.34 | 0.92 | 0.95 | 98.7 | 8 | 24 |
| cis_CD | 0.39 | 0.07 | 0.38 | 1.27 | 0.14 | 0.17 | 0.40 | 0.46 | 0.46 | 98.7 | 1 | 24 |
| dieldrin | 0.83 | 0.18 | 0.80 | 1.26 | 0.42 | 0.46 | 0.81 | 1.22 | 1.27 | 98.7 | 0 | 24 |
| gamma_HCH | 3.20 | 1.11 | 3.02 | 1.38 | 1.96 | 1.98 | 2.98 | 5.84 | 5.95 | 98.7 | 0 | 24 |
| op_DDT | 0.12 | 0.07 | 0.11 | 1.38 | 0.08 | 0.08 | 0.10 | 0.36 | 0.43 | 98.7 | 23 | 24 |
| pp_DDD | 0.11 | 0.02 | 0.11 | 1.18 | 0.08 | 0.08 | 0.10 | 0.14 | 0.14 | 98.7 | 24 | 24 |
| pp_DDE | 0.12 | 0.05 | 0.12 | 1.35 | 0.08 | 0.08 | 0.11 | 0.27 | 0.28 | 98.7 | 22 | 24 |
| pp_DDT | 0.11 | 0.02 | 0.11 | 1.18 | 0.08 | 0.08 | 0.10 | 0.14 | 0.14 | 98.7 | 24 | 24 |
| trans_CD | 0.31 | 0.20 | 0.24 | 2.19 | 0.08 | 0.08 | 0.31 | 0.63 | 0.66 | 98.7 | 10 | 24 |
| trans_NO | 0.37 | 0.06 | 0.36 | 1.18 | 0.29 | 0.29 | 0.35 | 0.50 | 0.50 | 98.7 | 0 | 24 |

NO0001R Birkenes

January 2007 - December 2007

| Component | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HCB | 64.09 | 11.64 | 63.01 | 1.20 | 33.66 | 44.32 | 63.05 | 88.62 | 97.82 | 13.3 | 0 | 49 |
| PCB_101 | 0.746 | 0.481 | 0.626 | 1.774 | 0.199 | 0.290 | 0.568 | 1.846 | 2.205 | 13.3 | 0 | 49 |
| PCB_118 | 0.279 | 0.232 | 0.208 | 2.216 | 0.016 | 0.065 | 0.178 | 0.809 | 1.133 | 11.7 | 1 | 43 |
| PCB_138 | 0.371 | 0.268 | 0.289 | 2.026 | 0.074 | 0.098 | 0.257 | 0.939 | 1.082 | 11.7 | 0 | 43 |
| PCB_153 | 0.625 | 0.453 | 0.490 | 2.014 | 0.132 | 0.157 | 0.442 | 1.529 | 2.152 | 11.7 | 0 | 43 |
| PCB_180 | 0.157 | 0.118 | 0.121 | 2.036 | 0.031 | 0.038 | 0.107 | 0.390 | 0.560 | 11.7 | 0 | 43 |
| PCB_28 | 1.341 | 0.701 | 1.196 | 1.576 | 0.567 | 0.686 | 1.073 | 2.812 | 3.578 | 13.3 | 0 | 49 |
| PCB_52 | 1.274 | 0.676 | 1.130 | 1.600 | 0.596 | 0.627 | 1.021 | 2.875 | 3.083 | 13.3 | 0 | 49 |
| PCB_99 | 0.34 | 0.27 | 0.26 | 2.06 | 0.05 | 0.09 | 0.24 | 0.92 | 1.19 | 15.1 | 0 | 55 |
| alpha_HCH | 8.43 | 3.73 | 7.65 | 1.56 | 1.94 | 4.29 | 7.36 | 14.85 | 22.03 | 12.8 | 0 | 47 |
| gamma_HCH | 4.35 | 3.03 | 3.56 | 1.83 | 1.34 | 1.54 | 3.12 | 11.96 | 13.29 | 12.8 | 0 | 47 |
| sum_PCB | 6.50 | 6.46 | 4.96 | 1.95 | 1.89 | 2.30 | 3.94 | 17.24 | 41.19 | 13.3 | 0 | 49 |

NO0042G Spitsbergen, Zeppelinfjell

January 2007 - December 2007

| Component | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HCB | 67.40 | 7.69 | 66.94 | 1.13 | 44.55 | 49.05 | 68.31 | 77.39 | 78.73 | 21.8 | 0 | 40 |
| N1methylnaphtalene | 0.18 | 0.29 | 0.08 | 3.64 | 0.01 | 0.01 | 0.09 | 1.03 | 1.30 | 28.6 | 0 | 52 |
| N1methylphenanthrene | 0.01 | 0.00 | 0.01 | 1.85 | 0.00 | 0.00 | 0.01 | 0.02 | 0.02 | 28.6 | 0 | 52 |
| N2methylanthracene | 0.00 | 0.00 | 0.00 | 1.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 28.6 | 34 | 52 |
| N2methylnaphtalene | 0.28 | 0.42 | 0.14 | 3.33 | 0.02 | 0.03 | 0.14 | 1.45 | 2.13 | 28.6 | 0 | 52 |
| N2methylphenanthrene | 0.01 | 0.01 | 0.01 | 1.79 | 0.00 | 0.00 | 0.01 | 0.03 | 0.03 | 28.6 | 0 | 52 |
| N3methylphenanthrene | 0.01 | 0.01 | 0.01 | 1.80 | 0.00 | 0.00 | 0.01 | 0.02 | 0.02 | 28.6 | 0 | 52 |
| N9methylphenanthrene | 0.01 | 0.00 | 0.01 | 1.73 | 0.00 | 0.00 | 0.01 | 0.01 | 0.02 | 28.6 | 0 | 52 |
| PCB_101 | 0.500 | 0.254 | 0.458 | 1.497 | 0.207 | 0.252 | 0.455 | 0.882 | 1.727 | 22.9 | 0 | 42 |
| PCB_105 | 0.12 | 0.19 | 0.07 | 2.66 | 0.01 | 0.02 | 0.05 | 0.79 | 0.82 | 22.9 | 2 | 42 |
| PCB_114 | 0.04 | 0.12 | 0.01 | 3.28 | 0.01 | 0.01 | 0.01 | 0.42 | 0.62 | 24.0 | 22 | 44 |
| PCB_118 | 0.393 | 0.601 | 0.226 | 2.513 | 0.052 | 0.063 | 0.177 | 2.302 | 2.826 | 22.9 | 0 | 42 |
| PCB_122 | 0.01 | 0.03 | 0.01 | 2.30 | 0.01 | 0.01 | 0.01 | 0.08 | 0.20 | 22.9 | 43 | 42 |
| PCB_123 | 0.01 | 0.02 | 0.01 | 2.11 | 0.01 | 0.01 | 0.01 | 0.06 | 0.11 | 22.9 | 38 | 42 |
| PCB_128 | 0.07 | 0.12 | 0.04 | 2.66 | 0.01 | 0.01 | 0.03 | 0.45 | 0.51 | 22.9 | 1 | 42 |
| PCB_138 | 0.354 | 0.512 | 0.217 | 2.417 | 0.055 | 0.058 | 0.164 | 1.924 | 2.735 | 22.9 | 0 | 42 |
| PCB_141 | 0.05 | 0.08 | 0.04 | 2.24 | 0.01 | 0.01 | 0.03 | 0.27 | 0.46 | 22.9 | 2 | 42 |
| PCB_149 | 0.323 | 0.316 | 0.254 | 1.833 | 0.106 | 0.126 | 0.219 | 1.347 | 1.487 | 22.9 | 0 | 42 |
| PCB_153 | 0.648 | 0.931 | 0.377 | 2.574 | 0.077 | 0.103 | 0.287 | 3.791 | 4.439 | 22.9 | 0 | 42 |
| PCB_156 | 0.03 | 0.05 | 0.01 | 3.07 | 0.01 | 0.01 | 0.01 | 0.15 | 0.26 | 22.9 | 17 | 42 |
| PCB_157 | 0.01 | 0.03 | 0.01 | 2.18 | 0.01 | 0.01 | 0.01 | 0.04 | 0.17 | 22.9 | 34 | 42 |
| PCB_167 | 0.02 | 0.03 | 0.01 | 2.70 | 0.01 | 0.01 | 0.01 | 0.09 | 0.16 | 22.9 | 27 | 42 |
| PCB_170 | 0.05 | 0.07 | 0.03 | 2.97 | 0.01 | 0.01 | 0.02 | 0.24 | 0.27 | 22.9 | 7 | 42 |
| PCB_18 | 5.224 | 4.190 | 4.106 | 1.965 | 1.432 | 1.666 | 3.639 | 14.098 | 20.960 | 22.9 | 0 | 42 |
| PCB_180 | 0.149 | 0.249 | 0.074 | 2.945 | 0.005 | 0.020 | 0.054 | 0.986 | 1.168 | 22.9 | 1 | 42 |
| PCB_183 | 0.06 | 0.10 | 0.03 | 2.90 | 0.01 | 0.01 | 0.02 | 0.37 | 0.39 | 22.9 | 1 | 42 |
| PCB_187 | 0.14 | 0.25 | 0.07 | 2.97 | 0.01 | 0.02 | 0.05 | 0.85 | 1.02 | 22.9 | 1 | 42 |
| PCB_189 | 0.01 | 0.00 | 0.01 | 1.40 | 0.01 | 0.01 | 0.01 | 0.01 | 0.03 | 22.9 | 43 | 42 |
| PCB_194 | 0.01 | 0.01 | 0.01 | 2.30 | 0.01 | 0.01 | 0.01 | 0.05 | 0.07 | 22.9 | 35 | 42 |
| PCB_206 | 0.01 | 0.01 | 0.01 | 1.71 | 0.01 | 0.01 | 0.01 | 0.02 | 0.03 | 22.9 | 37 | 42 |
| PCB_209 | 0.01 | 0.01 | 0.01 | 1.70 | 0.01 | 0.01 | 0.01 | 0.02 | 0.04 | 22.9 | 39 | 42 |
| PCB_28 | 2.953 | 1.959 | 2.531 | 1.700 | 1.118 | 1.207 | 2.345 | 8.473 | 9.940 | 22.9 | 0 | 42 |
| PCB_31 | 2.794 | 1.905 | 2.370 | 1.732 | 1.042 | 1.073 | 2.163 | 8.222 | 9.422 | 22.9 | 0 | 42 |
| PCB_33 | 2.40 | 1.91 | 1.94 | 1.86 | 0.78 | 0.82 | 1.71 | 7.02 | 9.75 | 22.9 | 0 | 42 |
| PCB_37 | 0.33 | 0.26 | 0.27 | 1.77 | 0.10 | 0.13 | 0.25 | 0.85 | 1.55 | 22.9 | 0 | 42 |
| PCB_47 | 0.56 | 0.25 | 0.51 | 1.51 | 0.25 | 0.27 | 0.49 | 1.16 | 1.43 | 22.9 | 0 | 42 |
| PCB_52 | 1.200 | 0.478 | 1.122 | 1.444 | 0.565 | 0.603 | 1.079 | 2.224 | 2.753 | 22.9 | 0 | 42 |
| PCB_66 | 0.45 | 0.53 | 0.34 | 1.87 | 0.11 | 0.15 | 0.31 | 1.64 | 3.30 | 22.9 | 0 | 42 |
| PCB_74 | 0.22 | 0.10 | 0.20 | 1.49 | 0.09 | 0.10 | 0.20 | 0.49 | 0.54 | 22.9 | 0 | 42 |
| PCB_99 | 0.26 | 0.21 | 0.22 | 1.72 | 0.07 | 0.09 | 0.21 | 0.49 | 1.45 | 22.9 | 0 | 42 |
| acenaphthene | 0.01 | 0.01 | 0.00 | 2.72 | 0.00 | 0.00 | 0.00 | 0.03 | 0.10 | 28.6 | 0 | 52 |
| acenaphthylene | 0.00 | 0.00 | 0.00 | 2.02 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 28.6 | 7 | 52 |
| alpha_HCH | 9.52 | 2.65 | 9.12 | 1.41 | 1.55 | 6.16 | 9.51 | 15.05 | 17.66 | 28.3 | 0 | 52 |
| anthanthrene | 0.00 | 0.00 | 0.00 | 1.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 28.6 | 41 | 52 |
| anthracene | 0.00 | 0.01 | 0.00 | 2.73 | 0.00 | 0.00 | 0.00 | 0.02 | 0.07 | 28.6 | 8 | 52 |
| benz_a_anthracene | 0.00 | 0.01 | 0.00 | 3.46 | 0.00 | 0.00 | 0.00 | 0.03 | 0.05 | 28.6 | 27 | 52 |
| benzo_a_fluoranthene | 0.00 | 0.00 | 0.00 | 2.29 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 28.6 | 40 | 52 |
| benzo_a_fluorene | 0.00 | 0.01 | 0.00 | 3.24 | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 | 28.6 | 25 | 52 |
| benzo_a_pyrene | 0.003 | 0.008 | 0.001 | 3.441 | 0.001 | 0.001 | 0.001 | 0.032 | 0.035 | 28.6 | 39 | 52 |
| benzo_b_fluorene | 0.00 | 0.00 | 0.00 | 2.58 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 28.6 | 24 | 52 |
| benzo_bjk_fluoranthenes | 0.02 | 0.04 | 0.00 | 4.79 | 0.00 | 0.00 | 0.00 | 0.15 | 0.18 | 28.6 | 3 | 52 |
| benzo_e_pyrene | 0.01 | 0.02 | 0.00 | 4.29 | 0.00 | 0.00 | 0.00 | 0.06 | 0.07 | 28.6 | 22 | 52 |
| benzo_ghi_fluoranthene | 0.00 | 0.01 | 0.00 | 3.49 | 0.00 | 0.00 | 0.00 | 0.03 | 0.04 | 28.6 | 18 | 52 |
| benzo_ghi_perylene | 0.01 | 0.01 | 0.00 | 4.08 | 0.00 | 0.00 | 0.00 | 0.04 | 0.06 | 28.6 | 28 | 52 |
| biphenyl | 0.64 | 0.94 | 0.21 | 5.30 | 0.02 | 0.02 | 0.25 | 3.03 | 3.95 | 28.6 | 0 | 52 |
| chrysene_triphenylene | 0.01 | 0.03 | 0.00 | 4.28 | 0.00 | 0.00 | 0.00 | 0.10 | 0.15 | 28.6 | 2 | 52 |
| cis_CD | 0.55 | 0.20 | 0.48 | 2.29 | 0.00 | 0.20 | 0.55 | 0.94 | 1.03 | 28.0 | 6 | 51 |
| cis_NO | 0.10 | 0.15 | 0.06 | 2.81 | 0.01 | 0.01 | 0.07 | 0.52 | 0.81 | 28.0 | 5 | 51 |
| coronene | 0.00 | 0.01 | 0.00 | 2.88 | 0.00 | 0.00 | 0.00 | 0.02 | 0.03 | 28.6 | 37 | 52 |
| cyclopenta_cd_pyrene | 0.00 | 0.00 | 0.00 | 2.34 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 28.6 | 24 | 52 |
| dibenzo_ac_ah_anthracenes | 0.00 | 0.00 | 0.00 | 1.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 28.6 | 36 | 52 |
| dibenzo_ae_pyrene | 0.00 | 0.00 | 0.00 | 1.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 28.6 | 40 | 52 |
| dibenzo_ah_pyrene | 0.02 | 0.14 | 0.00 | 2.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 28.6 | 51 | 52 |
| dibenzo_ai_pyrene | 0.00 | 0.00 | 0.00 | 1.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 28.6 | 51 | 52 |
| dibenzofuran | 0.63 | 0.91 | 0.24 | 4.46 | 0.03 | 0.03 | 0.31 | 2.57 | 4.69 | 28.6 | 0 | 52 |
| dibenzothiophene | 0.01 | 0.01 | 0.01 | 2.91 | 0.00 | 0.00 | 0.00 | 0.04 | 0.06 | 28.6 | 1 | 52 |
| fluoranthene | 0.04 | 0.07 | 0.01 | 3.13 | 0.00 | 0.01 | 0.01 | 0.25 | 0.37 | 28.6 | 0 | 52 |
| fluorene | 0.23 | 0.41 | 0.09 | 4.07 | 0.02 | 0.02 | 0.06 | 1.13 | 2.22 | 28.6 | 0 | 52 |
| gamma_HCH | 1.58 | 0.49 | 1.50 | 1.39 | 0.37 | 0.98 | 1.50 | 2.73 | 3.16 | 28.3 | 0 | 52 |
| inden_123cd_pyrene | 0.01 | 0.01 | 0.00 | 3.96 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 28.6 | 31 | 52 |
| op_DDD | 0.10 | 0.42 | 0.03 | 3.44 | 0.01 | 0.01 | 0.02 | 0.33 | 2.90 | 26.3 | 8 | 48 |
| op_DDE | 0.08 | 0.07 | 0.05 | 2.75 | 0.01 | 0.01 | 0.05 | 0.20 | 0.28 | 26.3 | 2 | 48 |
| op_DDT | 0.20 | 0.13 | 0.16 | 1.97 | 0.04 | 0.06 | 0.17 | 0.45 | 0.60 | 26.3 | 1 | 48 |
| perylene | 0.00 | 0.00 | 0.00 | 2.17 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 28.6 | 35 | 52 |
| phenanthrene | 0.08 | 0.10 | 0.05 | 2.19 | 0.02 | 0.02 | 0.04 | 0.28 | 0.62 | 28.6 | 0 | 52 |
| pp_DDD | 0.19 | 0.66 | 0.05 | 3.60 | 0.01 | 0.01 | 0.04 | 1.07 | 4.33 | 26.3 | 4 | 48 |
| pp_DDE | 1.38 | 1.89 | 0.74 | 3.21 | 0.08 | 0.10 | 0.83 | 5.76 | 10.95 | 26.3 | 0 | 48 |
| pp_DDT | 0.12 | 0.13 | 0.09 | 2.37 | 0.02 | 0.02 | 0.09 | 0.38 | 0.73 | 26.1 | 3 | 48 |
| pyrene | 0.02 | 0.04 | 0.01 | 2.75 | 0.00 | 0.00 | 0.01 | 0.16 | 0.20 | 28.6 | 0 | 52 |
| retene | 0.01 | 0.01 | 0.01 | 2.27 | 0.00 | 0.00 | 0.00 | 0.03 | 0.04 | 28.6 | 0 | 52 |
| sum_DDT | 3.17 | 4.85 | 1.53 | 3.26 | 0.20 | 0.25 | 1.47 | 16.50 | 22.24 | 28.3 | 0 | 52 |
| sum_PCB | 30.89 | 17.00 | 27.31 | 1.63 | 12.11 | 12.62 | 24.94 | 70.18 | 81.31 | 22.9 | 0 | 42 |
| sum_heptachlor_PCB | 1.57 | 5.32 | 0.34 | 4.13 | 0.00 | 0.07 | 0.18 | 10.24 | 36.16 | 27.7 | 0 | 52 |
| sum_hexachlor_PCB | 4.32 | 10.00 | 1.86 | 2.98 | 0.25 | 0.59 | 1.38 | 25.24 | 65.02 | 27.7 | 0 | 52 |
| sum_pentachlor_PCB | 3.74 | 7.84 | 2.06 | 2.32 | 0.35 | 0.82 | 1.65 | 16.36 | 51.91 | 27.7 | 0 | 52 |
| sum_tetrachlor_PCB | 5.90 | 2.91 | 5.28 | 1.59 | 2.33 | 2.51 | 5.00 | 12.75 | 15.37 | 27.7 | 0 | 52 |
| sum_trichlor_PCB | 23.00 | 18.10 | 18.14 | 1.95 | 4.56 | 7.53 | 16.57 | 67.07 | 85.02 | 27.7 | 0 | 52 |
| trans_CD | 0.21 | 0.13 | 0.17 | 2.16 | 0.01 | 0.04 | 0.21 | 0.44 | 0.58 | 28.0 | 4 | 51 |
| trans_NO | 0.50 | 0.23 | 0.46 | 1.55 | 0.08 | 0.27 | 0.46 | 0.90 | 1.59 | 26.9 | 0 | 49 |

SE0014R Rσ÷

January 2007 - December 2007

| Component | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCB_101 | 1.713 | 0.994 | 1.492 | 1.679 | 0.657 | 0.666 | 1.307 | 4.278 | 4.354 | 99.7 | 0 | 26 |
| PCB_118 | 0.627 | 0.369 | 0.541 | 1.712 | 0.218 | 0.229 | 0.492 | 1.533 | 1.552 | 99.7 | 0 | 26 |
| PCB_138 | 1.239 | 0.849 | 1.024 | 1.830 | 0.405 | 0.416 | 0.823 | 3.299 | 3.351 | 99.7 | 0 | 26 |
| PCB_153 | 1.509 | 1.032 | 1.253 | 1.815 | 0.536 | 0.537 | 1.021 | 4.080 | 4.088 | 99.7 | 0 | 26 |
| PCB_180 | 0.514 | 0.405 | 0.402 | 1.981 | 0.156 | 0.156 | 0.309 | 1.447 | 1.465 | 99.7 | 0 | 26 |
| PCB_28 | 1.311 | 0.369 | 1.258 | 1.338 | 0.730 | 0.731 | 1.309 | 2.089 | 2.125 | 99.7 | 0 | 26 |
| PCB_52 | 1.589 | 0.612 | 1.489 | 1.436 | 0.759 | 0.776 | 1.485 | 3.186 | 3.554 | 99.7 | 0 | 26 |
| alpha_HCH | 5.58 | 2.19 | 5.15 | 1.53 | 2.00 | 2.00 | 5.00 | 10.65 | 11.00 | 99.7 | 0 | 26 |
| anthracene | 0.01 | 0.02 | 0.01 | 2.67 | 0.00 | 0.00 | 0.01 | 0.07 | 0.08 | 99.7 | 0 | 26 |
| benz_a_anthracene | 0.04 | 0.06 | 0.02 | 3.22 | 0.00 | 0.00 | 0.02 | 0.23 | 0.29 | 99.7 | 0 | 26 |
| benzo_a_pyrene | 0.046 | 0.060 | 0.022 | 3.670 | 0.003 | 0.003 | 0.025 | 0.229 | 0.294 | 99.7 | 0 | 26 |
| benzo_b_fluoranthene | 0.09 | 0.11 | 0.05 | 3.22 | 0.01 | 0.01 | 0.05 | 0.40 | 0.51 | 99.7 | 0 | 26 |
| benzo_ghi_perylene | 0.05 | 0.06 | 0.03 | 3.89 | 0.00 | 0.00 | 0.03 | 0.23 | 0.29 | 99.7 | 0 | 26 |
| benzo_k_fluoranthene | 0.04 | 0.05 | 0.02 | 3.54 | 0.00 | 0.00 | 0.02 | 0.18 | 0.23 | 99.7 | 0 | 26 |
| chrysene_triphenylene | 0.09 | 0.11 | 0.06 | 2.78 | 0.01 | 0.01 | 0.06 | 0.42 | 0.53 | 99.7 | 0 | 26 |
| fluoranthene | 0.36 | 0.39 | 0.24 | 2.44 | 0.06 | 0.06 | 0.23 | 1.51 | 1.92 | 99.7 | 0 | 26 |
| gamma_HCH | 3.88 | 2.25 | 3.80 | 1.58 | 0.00 | 0.00 | 3.00 | 8.65 | 9.00 | 99.7 | 0 | 26 |
| inden_123cd_pyrene | 0.06 | 0.08 | 0.03 | 3.75 | 0.00 | 0.00 | 0.02 | 0.29 | 0.36 | 99.7 | 0 | 26 |
| phenanthrene | 0.98 | 0.80 | 0.76 | 2.04 | 0.27 | 0.28 | 0.77 | 3.27 | 3.97 | 99.7 | 0 | 26 |
| pp_DDD | 0.07 | 0.12 | 0.05 | 2.34 | 0.00 | 0.00 | 0.06 | 0.47 | 0.62 | 99.7 | 0 | 26 |
| pp_DDE | 1.78 | 0.89 | 1.60 | 1.61 | 0.54 | 0.69 | 1.58 | 3.92 | 4.30 | 99.7 | 0 | 26 |
| pp_DDT | 0.69 | 0.34 | 0.60 | 1.75 | 0.20 | 0.20 | 0.68 | 1.37 | 1.44 | 99.7 | 0 | 26 |
| pyrene | 0.23 | 0.24 | 0.15 | 2.48 | 0.04 | 0.04 | 0.17 | 0.93 | 1.17 | 99.7 | 0 | 26 |

# Annex 5

# Monthly and annual mean values for heavy metals in precipitation

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FI0008R | aluminium | 1.2 | 4.0 | 16.2 | 4.8 | 6.8 | 5.9 | 2.7 | 2.5 | 4.1 | 1.0 | 1.8 | 4.0 | 3.5 |
| FI0017R | aluminium | 80.6 | 174.0 | 76.7 | 54.7 | 101.7 | 38.5 | 27.2 | 46.8 | 9.0 | 15.7 | 71.9 | 44.7 | 48.8 |
| FI0022R | aluminium | 2.3 | 11.5 | 4.0 | 9.5 | 8.0 | 7.1 | 5.2 | 6.8 | 1.6 | 4.1 | 3.0 | 1.3 | 4.9 |
| FI0036R | aluminium | 1.1 | 2.2 | 27.8 | 2.8 | 5.3 | 3.7 | 2.5 | 3.0 | 4.1 | 1.4 | 3.2 | 2.5 | 3.3 |
| FI0053R | aluminium | 5.7 | 64.9 | 14.9 | 21.3 | 12.5 | 33.1 | 12.5 | 11.3 | 3.2 | 7.0 | 17.9 | 5.9 | 12.4 |
| FI0092R | aluminium | 2.6 | 5.1 | 11.7 | 11.7 | 23.0 | 6.3 | 4.5 | 12.4 | 2.9 | 24.6 | 8.1 | 2.2 | 8.9 |
| FI0093R | aluminium | 4.6 | 14.4 | 36.5 | 23.1 | 25.7 | 10.2 | 2.8 | 21.9 | 4.0 | 7.1 | 8.9 | 3.2 | 10.4 |
| IE0001R | aluminium | - | 5.0 | 5.0 | 17.6 | 5.0 | 16.1 | 5.0 | 22.4 | 5.0 | 5.0 | 5.0 | 5.0 | 8.4 |
| IS0090R | aluminium | 188.8 | 366.2 | 295.0 | 236.5 | 523.7 | 603.4 | 431.2 | 86.6 | 45.3 | 52.3 | 208.8 | 112.4 | 179.2 |
| DE0001R | antimony | 0.05 | 0.17 | 0.07 | 0.04 | 0.09 | 0.12 | 0.07 | 0.05 | 0.06 | 0.08 | 0.05 | 0.06 | 0.08 |
| DE0002R | antimony | 0.05 | 0.08 | 0.12 | - | 0.09 | 0.09 | 0.08 | 0.07 | 0.08 | 0.10 | 0.09 | 0.06 | 0.08 |
| DE0003R | antimony | 0.08 | 0.05 | 0.07 | 0.43 | 0.08 | 0.07 | 0.06 | 0.06 | 0.07 | 0.10 | 0.23 | 0.03 | 0.08 |
| DE0007R | antimony | 0.05 | 0.12 | 0.10 | - | 0.08 | 0.08 | 0.04 | 0.07 | 0.05 | 0.16 | 0.10 | 0.05 | 0.07 |
| DE0008R | antimony | 0.13 | 0.12 | 0.12 | 0.21 | 0.08 | 0.08 | 0.07 | 0.10 | 0.10 | 0.12 | 0.09 | 0.10 | 0.10 |
| DE0009R | antimony | 0.04 | 0.13 | 0.14 | - | 0.08 | 0.05 | 0.05 | 0.07 | 0.07 | 0.14 | 0.07 | 0.03 | 0.07 |
| BE0014R | arsenic | 0.26 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.67 | 0.27 | 0.29 |
| DE0001R | arsenic | 0.14 | 0.15 | 0.10 | 0.13 | 0.18 | 0.08 | 0.06 | 0.09 | 0.09 | 0.09 | 0.13 | 0.07 | 0.10 |
| DE0002R | arsenic | 0.05 | 0.10 | 0.12 | - | 0.08 | 0.07 | 0.08 | 0.06 | 0.07 | 0.09 | 0.07 | 0.05 | 0.08 |
| DE0003R | arsenic | 0.06 | 0.05 | 0.05 | 0.31 | 0.06 | 0.05 | 0.04 | 0.04 | 0.05 | 0.08 | 0.13 | 0.03 | 0.06 |
| DE0007R | arsenic | 0.07 | 0.25 | 0.12 | - | 0.08 | 0.08 | 0.04 | 0.08 | 0.06 | 0.10 | 0.07 | 0.03 | 0.08 |
| DE0008R | arsenic | 0.08 | 0.07 | 0.10 | 0.29 | 0.08 | 0.11 | 0.04 | 0.18 | 0.17 | 0.16 | 0.08 | 0.07 | 0.10 |
| DE0009R | arsenic | 0.05 | 0.19 | 0.23 | - | 0.10 | 0.06 | 0.04 | 0.07 | 0.06 | 0.12 | 0.08 | 0.03 | 0.08 |
| DK0008R | arsenic | 0.10 | 0.30 | 0.19 | 0.38 | 0.20 | 0.13 | 0.06 | 0.17 | 0.09 | 0.11 | 0.12 | 0.08 | 0.12 |
| DK0020R | arsenic | 0.06 | 0.20 | 0.14 | 0.28 | 0.28 | 0.11 | 0.09 | 0.06 | 0.06 | 0.06 | 0.03 | 0.03 | 0.10 |
| DK0022R | arsenic | 0.03 | 0.18 | 0.07 | 0.46 | 0.21 | 0.08 | 0.04 | 0.13 | 0.09 | 0.11 | 0.10 | 0.06 | 0.09 |
| DK0031R | arsenic | 0.04 | 0.11 | 0.06 | 0.44 | 0.15 | 0.05 | 0.02 | 0.04 | 0.04 | 0.07 | 0.09 | 0.06 | 0.07 |
| EE0009R | arsenic | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 |
| ES0008R | arsenic | 0.26 | 0.09 | 0.14 | 0.10 | 0.15 | 0.20 | 0.12 | 0.13 | 0.15 | 0.23 | 0.05 | 0.46 | 0.16 |
| ES0009R | arsenic | 0.80 | 0.07 | 0.05 | 0.16 | 0.12 | 0.12 | 0.24 | 0.15 | 0.22 | 0.11 | 0.10 | 0.17 | 0.13 |
| FI0008R | arsenic | 0.03 | 0.11 | 0.17 | 0.02 | 0.11 | 0.07 | 0.12 | 0.00 | 0.04 | 0.00 | 0.01 | 0.00 | 0.05 |
| FI0017R | arsenic | 0.16 | 0.36 | 0.35 | 0.11 | 0.25 | 0.08 | 0.05 | 0.10 | 0.06 | 0.17 | 0.29 | 0.24 | 0.14 |
| FI0022R | arsenic | 0.04 | 0.13 | 0.18 | 0.11 | 0.05 | 0.06 | 0.06 | 0.52 | 0.01 | 0.06 | 0.03 | 0.00 | 0.12 |
| FI0036R | arsenic | 0.04 | 0.09 | 0.17 | 0.01 | 0.03 | 0.03 | 0.06 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.03 |
| FI0053R | arsenic | 0.09 | 0.43 | 0.12 | 0.05 | 0.04 | 0.05 | 0.03 | 0.01 | 0.00 | 0.08 | 0.05 | 0.00 | 0.04 |
| FI0092R | arsenic | 0.06 | 0.06 | 0.13 | 0.03 | 0.05 | 0.02 | 0.04 | 0.01 | 0.03 | 0.20 | 0.05 | 0.02 | 0.05 |
| FI0093R | arsenic | 0.06 | 0.19 | 0.17 | 0.08 | 0.10 | 0.04 | 0.03 | 0.08 | 0.02 | 0.16 | 0.09 | 0.08 | 0.07 |
| FR0013R | arsenic | 0.03 | 0.03 | 0.04 | 0.10 | 0.03 | 0.04 | 0.03 | 0.05 | 0.08 | 0.03 | 0.02 | 0.03 | 0.04 |
| FR0090R | arsenic | 0.15 | 0.05 | 0.11 | 0.33 | 0.08 | 0.03 | 0.05 | 0.05 | 0.08 | 0.10 | 0.06 | 0.27 | 0.10 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jue | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GB0006R | arsenic | 0.19 | 0.23 | 0.21 | 0.19 | 0.14 | 0.21 | 0.15 | 0.14 | 0.26 | 0.21 | 0.13 | 0.14 | 0.18 |
| GB0013R | arsenic | 0.06 | 0.06 | 0.06 | 0.27 | 0.07 | 0.05 | 0.05 | 0.04 | 0.23 | 0.14 | 0.06 | 0.07 | 0.06 |
| GB0017R | arsenic | 0.07 | 0.11 | 0.14 | 0.13 | 0.12 | 0.11 | 0.09 | 0.13 | 0.22 | 0.22 | - | - | 0.11 |
| GB0091R | arsenic | 0.10 | 0.10 | 0.14 | 0.10 | 0.10 | 0.07 | 0.06 | 0.05 | 0.08 | 0.08 | 0.06 | 0.12 | 0.08 |
| IE0001R | arsenic | - | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 |
| IS0090R | arsenic | 0.38 | 0.38 | 0.57 | 0.29 | 0.24 | 0.15 | 0.04 | 0.03 | 0.08 | 0.20 | 1.17 | 0.71 | 0.42 |
| IS0091R | arsenic | 0.05 | 0.09 | 0.07 | 0.10 | 0.12 | 0.09 | 0.09 | 0.05 | 0.01 | 0.03 | 0.04 | 0.06 | 0.05 |
| LV0010R | arsenic | 0.76 | 0.15 | 0.23 | 0.38 | 0.44 | 0.17 | 0.28 | 0.18 | 0.12 | 0.17 | 0.20 | 0.39 | 0.29 |
| LV0016R | arsenic | 0.40 | 0.25 | 0.09 | 0.38 | 0.34 | 0.43 | 0.48 | 0.47 | 0.37 | 0.23 | 0.19 | 0.47 | 0.37 |
| NO0001R | arsenic | 0.16 | 0.12 | 0.17 | 0.13 | 0.07 | 0.05 | 0.05 | 0.07 | 0.06 | 0.22 | 0.11 | 0.08 | 0.10 |
| PL0005R | arsenic | 0.29 | 0.27 | 0.32 | 0.32 | 0.32 | 0.25 | 0.39 | 0.35 | 0.22 | 0.19 | 0.28 | 0.48 | 0.31 |
| SE0051R | arsenic | 0.12 | - | 0.28 | 0.22 | 0.17 | 0.05 | 0.05 | 0.22 | 0.26 | 0.16 | 0.21 | 0.17 | 0.14 |
| SE0097R | arsenic | 0.27 | 0.27 | 0.28 | 0.18 | 0.14 | 0.05 | 0.08 | 0.17 | 0.12 | 0.16 | 0.23 | 0.14 | 0.15 |
| SK0002R | arsenic | 0.11 | 0.18 | 0.19 | 0.39 | 0.09 | 0.15 | 0.19 | 0.09 | 0.03 | 0.15 | 0.12 | 0.14 | 0.15 |
| SK0004R | arsenic | 0.03 | 0.10 | 0.09 | 0.84 | 0.10 | 0.13 | 0.19 | 0.04 | 0.05 | 0.10 | 0.17 | 0.20 | 0.12 |
| SK0006R | arsenic | 0.17 | 0.16 | 0.31 | 0.23 | 0.03 | 0.10 | 0.12 | 0.17 | 0.04 | 0.10 | 0.16 | 0.17 | 0.13 |
| SK0007R | arsenic | 0.08 | 0.08 | 0.21 | - | 0.02 | 0.09 | 0.03 | 0.15 | 0.03 | 0.17 | 0.10 | 0.35 | 0.10 |
| BE0014R | cadmium | 0.025 | 0.025 | 0.038 | 0.330 | 0.076 | 0.053 | 0.043 | 0.045 | 0.073 | 0.025 | 0.098 | 0.114 | 0.053 |
| CZ0001R | cadmium | 0.076 | 0.091 | 0.099 | 0.246 | 0.073 | 0.048 | 0.039 | 0.122 | 0.059 | 0.188 | 0.267 | 0.081 | 0.084 |
| CZ0003R | cadmium | 0.256 | 0.323 | 0.074 | 0.470 | 0.084 | 0.277 | 0.085 | 0.080 | 0.144 | 0.097 | 0.099 | 0.181 | 0.142 |
| DE0001R | cadmium | 0.013 | 0.055 | 0.024 | 0.033 | 0.084 | 0.024 | 0.018 | 0.026 | 0.016 | 0.028 | 0.014 | 0.018 | 0.022 |
| DE0002R | cadmium | 0.014 | 0.037 | 0.048 | - | 0.023 | 0.020 | 0.020 | 0.020 | 0.028 | 0.028 | 0.035 | 0.029 | 0.026 |
| DE0003R | cadmium | 0.023 | 0.019 | 0.020 | 0.103 | 0.018 | 0.017 | 0.017 | 0.012 | 0.016 | 0.027 | 0.047 | 0.010 | 0.020 |
| DE0007R | cadmium | 0.023 | 0.061 | 0.052 | - | 0.028 | 0.020 | 0.010 | 0.023 | 0.030 | 0.082 | 0.032 | 0.017 | 0.028 |
| DE0008R | cadmium | 0.046 | 0.030 | 0.033 | 0.053 | 0.021 | 0.026 | 0.013 | 0.029 | 0.030 | 0.036 | 0.028 | 0.024 | 0.027 |
| DE0009R | cadmium | 0.014 | 0.054 | 0.086 | - | 0.040 | 0.024 | 0.018 | 0.035 | 0.027 | 0.045 | 0.028 | 0.011 | 0.030 |
| DK0008R | cadmium | 0.019 | 0.071 | 0.024 | 0.058 | 0.033 | 0.018 | 0.016 | 0.036 | 0.014 | 0.027 | 0.041 | 0.011 | 0.023 |
| DK0020R | cadmium | 0.023 | 0.061 | 0.055 | 0.055 | 0.055 | 0.036 | 0.034 | 0.033 | 0.075 | 0.287 | 0.047 | 0.019 | 0.051 |
| DK0022R | cadmium | 0.007 | 0.044 | 0.025 | 0.049 | 0.032 | 0.016 | 0.012 | 0.022 | 0.016 | 0.031 | 0.024 | 0.014 | 0.020 |
| DK0031R | cadmium | 0.056 | 0.031 | 0.040 | 0.055 | 0.030 | 0.034 | 0.023 | 0.040 | 0.010 | 0.026 | 0.025 | 0.019 | 0.031 |
| EE0009R | cadmium | 0.065 | 0.076 | 0.052 | 0.062 | 0.030 | 0.026 | 0.051 | 0.010 | 0.071 | 0.042 | 0.135 | 0.110 | 0.057 |
| EE0011R | cadmium | 0.000 | 0.000 | 0.000 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.100 | 0.000 | 0.100 | 0.100 | 0.035 |
| ES0008R | cadmium | 0.105 | 0.032 | 0.022 | 0.034 | 0.135 | 0.193 | 0.195 | 0.023 | 0.055 | 0.211 | 0.039 | 0.124 | 0.081 |
| ES0009R | cadmium | 0.170 | 0.095 | 0.021 | 0.091 | 0.043 | 0.054 | 0.043 | 0.102 | 0.036 | 0.064 | 0.090 | 0.118 | 0.069 |
| FI0008R | cadmium | 0.003 | 0.041 | 0.035 | 0.014 | 0.026 | 0.068 | 0.051 | 0.009 | 0.037 | 0.008 | 0.009 | 0.005 | 0.027 |
| FI0017R | cadmium | 0.030 | 0.146 | 0.200 | 0.045 | 0.051 | 0.029 | 0.037 | 0.118 | 0.031 | 0.090 | 0.104 | 0.103 | 0.062 |
| FI0022R | cadmium | 0.008 | 0.027 | 0.017 | 0.017 | 0.021 | 0.023 | 0.091 | 0.025 | 0.010 | 0.033 | 0.018 | 0.010 | 0.030 |
| FI0036R | cadmium | 0.005 | 0.014 | 0.053 | 0.010 | 0.023 | 0.009 | 0.026 | 0.044 | 0.014 | 0.011 | 0.015 | 0.006 | 0.019 |
| FI0053R | cadmium | 0.017 | 0.154 | 0.031 | 0.021 | 0.020 | 0.014 | 0.031 | 0.040 | 0.011 | 0.063 | 0.029 | 0.018 | 0.030 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FI0092R | cadmium | 0.012 | 0.039 | 0.071 | 0.014 | 0.025 | 0.029 | 0.025 | 0.060 | 0.019 | 0.118 | 0.042 | 0.024 | 0.034 |
| FI0093R | cadmium | 0.016 | 0.052 | 0.065 | 0.026 | 0.048 | 0.019 | 0.019 | 0.091 | 0.023 | 0.087 | 0.058 | 0.032 | 0.040 |
| FR0013R | cadmium | 0.015 | 0.015 | 0.015 | 0.024 | 0.100 | 0.015 | 0.018 | 0.016 | 0.015 | 0.019 | 0.015 | 0.019 | 0.029 |
| FR0090R | cadmium | 0.020 | 0.040 | 0.150 | 0.200 | 0.060 | 0.010 | 0.020 | 0.060 | 0.030 | 0.060 | 0.050 | 0.040 | 0.054 |
| GB0006R | cadmium | 0.009 | 0.007 | 0.005 | 0.007 | 0.004 | 0.006 | 0.003 | 0.002 | 0.001 | 0.006 | 0.004 | 0.003 | 0.005 |
| GB0013R | cadmium | 0.011 | 0.006 | 0.003 | 0.130 | 0.015 | 0.002 | 0.004 | 0.001 | 0.047 | 0.020 | 0.004 | 0.011 | 0.008 |
| GB0017R | cadmium | 0.009 | 0.026 | 0.033 | 0.025 | 0.022 | 0.021 | 0.013 | 0.017 | 0.015 | 0.015 | - | - | 0.020 |
| GB0091R | cadmium | 0.006 | 0.015 | 0.005 | 0.008 | 0.008 | 0.002 | 0.004 | 0.004 | 0.005 | 0.005 | 0.005 | 0.021 | 0.007 |
| GB0091R | cadmium | 0.006 | 0.015 | 0.005 | 0.008 | 0.008 | 0.002 | 0.004 | 0.004 | 0.005 | 0.005 | 0.005 | 0.021 | 0.007 |
| HU0002R | cadmium | 0.005 | 0.088 | 0.084 | - | 0.026 | 0.020 | 0.061 | 0.115 | 0.023 | 0.080 | 0.204 | 0.203 | 0.097 |
| IE0001R | cadmium | - | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 |
| IS0090R | cadmium | 0.007 | 0.005 | 0.011 | 0.016 | 0.033 | 0.009 | 0.006 | 0.007 | 0.007 | 0.005 | 0.005 | 0.005 | 0.008 |
| IS0091R | cadmium | 0.008 | 0.008 | 0.008 | 0.013 | 0.017 | 0.020 | 0.023 | 0.008 | 0.006 | 0.008 | 0.009 | 0.013 | 0.010 |
| *IT0001R* | *cadmium* | *37.4* | *11.8* | *8.0* | *18.4* | *6.7* | *6.3* | *-* | *22.8* | *22.4* | *12.6* | *10.4* | *21.3* | *15.4* |
| LV0010R | cadmium | 0.096 | 0.067 | 0.096 | 0.190 | 0.057 | 0.034 | 0.048 | 0.062 | 0.048 | 0.039 | 0.044 | 0.040 | 0.056 |
| LV0016R | cadmium | 0.077 | 0.061 | 0.047 | 0.015 | 0.042 | 0.061 | 0.048 | 0.029 | 0.050 | 0.034 | 0.082 | 0.046 | 0.051 |
| NO0001R | cadmium | 0.005 | 0.023 | 0.036 | 0.024 | 0.020 | 0.008 | 0.025 | 0.032 | 0.015 | 0.087 | 0.029 | 0.011 | 0.024 |
| NO0039R | cadmium | 0.006 | 0.004 | 0.008 | 0.011 | 0.007 | 0.015 | 0.007 | 0.012 | 0.010 | 0.002 | 0.005 | 0.005 | 0.007 |
| NO0055R | cadmium | 0.036 | 0.027 | 0.021 | 0.145 | 0.028 | 0.018 | 0.035 | 0.020 | 0.004 | 0.027 | 0.017 | 0.030 | 0.029 |
| NO0056R | cadmium | 0.034 | 0.118 | 0.041 | 0.074 | 0.058 | 0.027 | 0.020 | 0.062 | 0.051 | 0.097 | 0.133 | 0.170 | 0.065 |
| PL0004R | cadmium | 0.050 | 0.041 | 0.046 | 0.057 | 0.049 | 0.024 | 0.040 | 0.034 | 0.038 | 0.041 | 0.022 | 0.033 | 0.039 |
| PL0005R | cadmium | 0.053 | 0.061 | 0.092 | 0.035 | 0.038 | 0.039 | 0.045 | 0.048 | 0.028 | 0.111 | 0.108 | 0.168 | 0.063 |
| PT0001R | cadmium | - | 0.425 | - | 0.425 | - | 0.425 | 1.300 | 0.425 | 0.425 | 0.425 | 0.425 | - | 0.446 |
| PT0003R | cadmium | 0.425 | 0.425 | 0.425 | 0.425 | 0.425 | - | - | - | - | - | - | - | - |
| PT0004R | cadmium | 0.425 | 0.425 | 0.425 | 0.425 | 0.425 | 0.425 | - | - | 0.425 | 0.425 | 0.425 | 0.425 | 0.425 |
| PT0010R | cadmium | 0.425 | 0.425 | 0.425 | 0.425 | 0.425 | 0.425 | 0.425 | - | 0.425 | 0.425 | 0.425 | 0.425 | 0.425 |
| SE0051R | cadmium | 0.010 | - | 0.040 | 0.040 | 0.050 | 0.010 | 0.010 | 0.040 | 0.040 | 0.040 | 0.070 | 0.040 | 0.027 |
| SE0097R | cadmium | 0.090 | 0.086 | 0.039 | 0.020 | 0.030 | 0.027 | 0.012 | 0.020 | 0.020 | 0.040 | 0.037 | 0.020 | 0.027 |
| SK0002R | cadmium | 0.030 | 0.060 | 0.090 | 0.200 | 0.040 | 0.060 | 0.070 | 0.010 | 0.020 | 0.090 | 0.060 | 0.060 | 0.062 |
| SK0004R | cadmium | 0.020 | 0.150 | 0.090 | 0.450 | 0.120 | 0.080 | 0.080 | 0.040 | 0.040 | 0.060 | 0.110 | 0.080 | 0.086 |
| SK0006R | cadmium | 0.090 | 0.100 | 0.190 | 0.130 | 0.060 | 0.060 | 0.060 | 0.050 | 0.020 | 0.060 | 0.050 | 0.030 | 0.063 |
| SK0007R | cadmium | 0.020 | 0.040 | 0.080 | - | 0.020 | 0.030 | 0.050 | 0.080 | 0.010 | 0.040 | 0.020 | 0.040 | 0.039 |
| | | | | | | | | | | | | | | |
| BE0014R | chromium | 0.26 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.52 | 0.27 | 0.28 |
| DE0001R | chromium | 0.21 | 0.20 | 0.15 | 0.27 | 0.13 | 0.11 | 0.04 | 0.04 | 0.04 | 0.05 | 0.08 | 0.07 | 0.11 |
| DE0002R | chromium | 0.14 | 0.12 | 0.16 | - | 0.20 | 0.14 | 0.13 | 0.10 | 0.10 | 0.10 | 0.08 | 0.06 | 0.13 |
| DE0003R | chromium | 0.17 | 0.13 | 0.11 | 0.51 | 0.12 | 0.11 | 0.07 | 0.10 | 0.09 | 0.08 | 0.09 | 0.07 | 0.10 |
| DE0007R | chromium | 0.11 | 0.13 | 0.11 | - | 0.16 | 0.10 | 0.07 | 0.09 | 0.08 | 0.09 | 0.06 | 0.03 | 0.10 |
| DE0008R | chromium | 0.17 | 0.11 | 0.11 | 0.53 | 0.13 | 0.12 | 0.10 | 0.10 | 0.07 | 0.47 | 0.35 | 0.11 | 0.16 |
| DE0009R | chromium | 0.12 | 0.18 | 0.30 | - | 0.14 | 0.11 | 0.12 | 0.14 | 0.10 | 0.12 | 0.09 | 0.12 | 0.13 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DK0008R | chromium | 0.09 | 0.17 | 0.18 | 0.50 | 0.49 | 0.11 | 0.06 | 0.17 | 0.09 | 0.13 | 0.14 | 0.07 | 0.13 |
| DK0020R | chromium | 0.08 | 0.20 | 0.13 | 0.22 | 0.22 | 0.15 | 0.14 | 0.14 | 0.12 | 0.14 | 0.06 | 0.07 | 0.12 |
| DK0022R | chromium | 0.03 | 0.08 | 0.10 | 0.58 | 0.25 | 0.08 | 0.06 | 0.16 | 0.09 | 0.11 | 0.07 | 0.05 | 0.09 |
| DK0031R | chromium | 0.03 | 0.06 | 0.91 | 0.51 | 0.13 | 0.07 | 0.05 | 0.09 | 0.07 | 0.09 | 0.06 | 0.04 | 0.11 |
| ES0008R | chromium | 55.85 | 107.11 | 119.01 | 128.96 | 87.95 | 125.45 | 96.60 | 11.80 | 45.98 | 10.34 | 7.51 | 7.89 | 74.93 |
| ES0009R | chromium | 26.89 | 11.71 | 7.84 | 7.02 | 3.53 | 7.78 | 11.97 | 5.32 | 6.55 | 2.74 | 8.03 | 18.22 | 6.33 |
| FI0008R | chromium | 0.02 | 0.16 | 0.25 | 0.01 | 0.12 | 0.18 | 0.32 | 0.06 | 0.16 | 0.08 | 0.01 | 0.02 | 0.13 |
| FI0017R | chromium | 0.25 | 0.52 | 0.22 | 0.26 | 0.38 | 0.42 | 0.35 | 0.30 | 0.13 | 0.22 | 0.18 | 0.45 | 0.29 |
| FI0022R | chromium | 0.07 | 0.21 | 0.06 | 0.16 | 0.14 | 0.18 | 0.09 | 0.26 | 0.12 | 0.14 | 0.02 | 0.01 | 0.12 |
| FI0036R | chromium | 0.02 | 0.10 | 0.33 | 0.14 | 0.04 | 0.17 | 0.16 | 0.04 | 0.06 | 0.01 | 0.01 | 0.01 | 0.07 |
| FI0053R | chromium | 0.09 | 0.96 | 0.16 | 0.17 | 0.17 | 0.36 | 0.19 | 0.17 | 0.05 | 0.11 | 0.09 | 0.15 | 0.16 |
| FI0092R | chromium | 0.07 | 0.03 | 0.12 | 0.11 | 0.19 | 0.23 | 0.03 | 0.14 | 0.09 | 0.32 | 0.03 | 0.01 | 0.11 |
| FI0093R | chromium | 0.07 | 0.21 | 0.22 | 0.19 | 0.25 | 0.17 | 0.13 | 0.28 | 0.15 | 0.23 | 0.02 | 0.01 | 0.15 |
| FR0013R | chromium | 0.03 | 0.08 | 0.63 | 0.46 | 1.34 | 0.78 | 0.09 | 2.33 | 0.94 | 0.05 | 0.05 | 0.03 | 0.69 |
| FR0090R | chromium | 0.11 | 0.19 | 0.39 | 0.75 | 0.24 | 0.47 | 0.19 | 0.33 | 0.29 | 0.30 | 1.35 | 0.38 | 0.40 |
| GB0006R | chromium | 0.09 | 0.35 | 0.14 | 0.07 | 0.04 | 0.02 | 0.02 | 0.14 | 0.05 | 0.02 | 0.08 | 0.04 | 0.08 |
| GB0013R | chromium | 0.12 | 0.09 | 0.04 | 0.26 | 0.08 | 0.04 | 0.02 | 0.04 | 0.16 | 0.11 | 0.05 | 0.02 | 0.07 |
| GB0017R | chromium | 0.09 | 0.05 | 0.08 | 0.05 | 0.04 | 0.04 | 0.05 | 0.08 | 0.14 | 0.14 | - | - | 0.06 |
| GB0091R | chromium | 0.19 | 0.10 | 0.13 | 0.16 | 0.09 | 0.02 | 0.03 | 0.09 | 0.06 | 0.03 | 0.02 | 0.08 | 0.06 |
| GB0091R | chromium | 0.19 | 0.10 | 0.13 | 0.16 | 0.09 | 0.02 | 0.03 | 0.09 | 0.06 | 0.03 | 0.02 | 0.08 | 0.06 |
| IE0001R | chromium | - | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 |
| IS0090R | chromium | 0.05 | 0.13 | 0.31 | 0.38 | 0.44 | 0.72 | 0.60 | 0.22 | 0.22 | 0.45 | 0.87 | 0.89 | 0.47 |
| IS0091R | chromium | 0.07 | 0.18 | 0.13 | 0.08 | 0.24 | 0.17 | 0.50 | 0.16 | 0.08 | 0.05 | 0.15 | 0.13 | 0.11 |
| LV0010R | chromium | 1.71 | 2.05 | 5.07 | 1.15 | 0.45 | 1.12 | 0.54 | 0.23 | 0.43 | 0.08 | 0.08 | 2.82 | 0.94 |
| LV0016R | chromium | 0.29 | 0.36 | 0.46 | 0.17 | 0.30 | 0.26 | 0.44 | 0.40 | 0.27 | 0.17 | 0.12 | 0.21 | 0.30 |
| PL0004R | chromium | 0.06 | 0.13 | 0.09 | 0.11 | 0.06 | 0.07 | 0.11 | 0.11 | 0.07 | 0.07 | 0.04 | 0.09 | 0.08 |
| PL0005R | chromium | 0.02 | 0.05 | 0.08 | 0.06 | 0.05 | 0.04 | 0.04 | 0.09 | 0.06 | 0.09 | 0.04 | 0.05 | 0.05 |
| SE0051R | chromium | 0.06 | - | 0.44 | 0.35 | 0.05 | 0.08 | 0.15 | 0.12 | 0.13 | 0.14 | 0.12 | 0.09 | 0.13 |
| SE0097R | chromium | 0.32 | 0.32 | 0.28 | 0.34 | 0.17 | 0.06 | 0.13 | 0.14 | 0.15 | 0.18 | 0.29 | 0.22 | 0.19 |
| SK0002R | chromium | 0.22 | 0.18 | 0.22 | 0.26 | 0.04 | 0.07 | 0.18 | 0.11 | 0.06 | 0.11 | 0.05 | 0.09 | 0.13 |
| SK0004R | chromium | 0.03 | 0.09 | 0.11 | 0.69 | 0.04 | 0.06 | 0.12 | 0.02 | 0.04 | 0.04 | 0.02 | 0.08 | 0.08 |
| SK0006R | chromium | 0.07 | 0.07 | 0.29 | 0.14 | 0.08 | 0.08 | 0.09 | 0.05 | 0.05 | 0.06 | 0.04 | 0.02 | 0.07 |
| SK0007R | chromium | 0.14 | 0.09 | 0.18 | - | 0.01 | 0.13 | 0.14 | 0.05 | 0.06 | 0.04 | 0.02 | 0.04 | 0.07 |
| DE0001R | cobalt | 0.01 | 0.02 | 0.02 | 0.05 | 0.08 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 |
| DE0002R | cobalt | 0.01 | 0.01 | 0.02 | - | 0.04 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 |
| DE0003R | cobalt | 0.03 | 0.01 | 0.01 | 0.12 | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.02 | 0.00 | 0.02 |
| DE0007R | cobalt | 0.01 | 0.01 | 0.02 | - | 0.04 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 |
| DE0008R | cobalt | 0.03 | 0.01 | 0.01 | 0.23 | 0.03 | 0.02 | 0.01 | 0.02 | 0.01 | 0.03 | 0.02 | 0.01 | 0.02 |
| DE0009R | cobalt | 0.01 | 0.02 | 0.11 | - | 0.03 | 0.01 | 0.01 | 0.03 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FI0008R | cobalt | 0.00 | 0.04 | 0.07 | 0.01 | 0.05 | 0.01 | 0.02 | 0.01 | 0.02 | 0.00 | 0.01 | 0.01 | 0.02 |
| FI0017R | cobalt | 0.04 | 0.11 | 0.07 | 0.04 | 0.09 | 0.03 | 0.02 | 0.05 | 0.01 | 0.03 | 0.05 | 0.03 | 0.04 |
| FI0022R | cobalt | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.02 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 |
| FI0036R | cobalt | 0.00 | 0.00 | 0.04 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.00 | 0.01 |
| FI0053R | cobalt | 0.03 | 0.30 | 0.03 | 0.04 | 0.04 | 0.03 | 0.02 | 0.03 | 0.04 | 0.11 | 0.04 | 0.04 | 0.04 |
| FI0092R | cobalt | 0.01 | 0.00 | 0.01 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.03 | 0.01 | 0.01 | 0.01 |
| FI0093R | cobalt | 0.01 | 0.02 | 0.04 | 0.03 | 0.04 | 0.02 | 0.01 | 0.03 | 0.01 | 0.02 | 0.02 | 0.01 | 0.02 |
| NO0001R | cobalt | 0.01 | 0.01 | 0.02 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 0.03 | 0.04 | 0.02 | 0.01 | 0.02 |
| SE0051R | cobalt | 0.01 | - | 0.02 | 0.03 | 0.05 | 0.01 | 0.01 | 0.05 | 0.02 | 0.04 | 0.04 | 0.02 | 0.02 |
| SE0097R | cobalt | 0.04 | 0.04 | 0.04 | 0.02 | 0.02 | 0.02 | 0.01 | 0.03 | 0.02 | 0.03 | 0.04 | 0.03 | 0.03 |
| BE0014R | copper | 0.89 | 0.86 | 1.36 | 9.33 | 2.46 | 6.32 | 3.03 | 7.01 | 2.55 | 2.29 | 1.23 | 1.60 | 3.10 |
| DE0001R | copper | 0.39 | 1.11 | 0.55 | 2.78 | 1.17 | 1.43 | 0.74 | 1.18 | 0.98 | 0.85 | 0.57 | 0.54 | 0.82 |
| DE0002R | copper | 0.46 | 0.77 | 0.74 | - | 0.90 | 1.03 | 1.52 | 1.13 | 0.74 | 0.75 | 0.81 | 0.82 | 0.89 |
| DE0003R | copper | 1.04 | 0.70 | 0.58 | 5.67 | 1.01 | 0.96 | 0.98 | 0.57 | 0.78 | 1.31 | 3.67 | 0.51 | 1.07 |
| DE0007R | copper | 0.63 | 1.00 | 0.80 | - | 1.11 | 1.38 | 0.91 | 0.98 | 0.77 | 1.25 | 0.71 | 0.54 | 0.98 |
| DE0008R | copper | 4.98 | 0.63 | 0.50 | 2.05 | 0.88 | 0.86 | 0.71 | 1.19 | 0.50 | 0.85 | 0.53 | 0.49 | 1.09 |
| DE0009R | copper | 6.86 | 1.38 | 1.85 | - | 1.82 | 1.20 | 1.15 | 1.99 | 1.20 | 1.51 | 1.87 | 2.83 | 2.14 |
| DK0008R | copper | 6.65 | 3.43 | 2.84 | 2.26 | 2.31 | 1.39 | 0.78 | 1.32 | 0.70 | 0.98 | 1.83 | 0.85 | 2.05 |
| DK0020R | copper | 5.97 | 0.82 | 0.80 | 1.39 | 1.39 | 0.79 | 0.71 | 0.64 | 1.03 | 2.62 | 0.55 | 0.43 | 1.59 |
| DK0022R | copper | 0.19 | 0.55 | 0.55 | 2.43 | 1.14 | 0.47 | 1.19 | 0.92 | 1.25 | 23.82 | 0.50 | 0.38 | 1.79 |
| DK0031R | copper | 0.69 | 0.89 | 3.13 | 3.20 | 3.27 | 0.52 | 0.43 | 0.60 | 0.62 | 5.97 | 0.33 | 0.22 | 1.09 |
| EE0009R | copper | 4.70 | 28.40 | 17.00 | 11.10 | 4.80 | 5.10 | 8.70 | 49.20 | 44.10 | 18.80 | 23.50 | 5.60 | 21.81 |
| EE0011R | copper | 7.80 | 7.90 | 2.40 | 4.30 | 0.50 | 1.90 | 7.10 | 2.20 | 22.40 | 7.60 | 6.80 | 25.90 | 8.04 |
| ES0008R | copper | 31.69 | 4.87 | 4.75 | 8.43 | 20.03 | 27.77 | 25.05 | 6.71 | 15.82 | 25.26 | 6.02 | 17.74 | 14.74 |
| ES0009R | copper | 28.03 | 18.05 | 2.07 | 10.50 | 6.36 | 14.89 | 8.74 | 14.88 | 11.69 | 15.64 | 22.57 | 15.54 | 12.76 |
| FI0008R | copper | 1.25 | 4.75 | 8.01 | 1.97 | 2.87 | 1.19 | 1.11 | 0.99 | 2.32 | 1.79 | 2.15 | 2.52 | 1.78 |
| FI0017R | copper | 2.24 | 6.29 | 3.43 | 1.89 | 1.29 | 1.93 | 1.15 | 1.75 | 0.86 | 1.56 | 2.30 | 2.06 | 1.69 |
| FI0022R | copper | 4.78 | 3.89 | 1.13 | 2.05 | 1.20 | 1.16 | 0.90 | 2.47 | 1.13 | 1.67 | 0.74 | 1.34 | 1.74 |
| FI0036R | copper | 0.80 | 1.55 | 12.41 | 1.62 | 0.88 | 0.81 | 1.26 | 0.78 | 0.41 | 0.62 | 0.93 | 0.50 | 0.94 |
| FI0053R | copper | 1.59 | 6.78 | 2.71 | 2.76 | 1.66 | 2.00 | 0.85 | 1.34 | 0.94 | 1.73 | 2.81 | 5.51 | 1.93 |
| FI0092R | copper | 1.70 | 1.83 | 1.34 | 1.41 | 1.16 | 0.72 | 0.67 | 1.63 | 0.41 | 1.58 | 1.61 | 0.97 | 1.08 |
| FI0093R | copper | 0.85 | 3.12 | 2.83 | 1.09 | 1.84 | 0.55 | 0.99 | 1.40 | 0.79 | 1.56 | 2.36 | 1.16 | 1.28 |
| FR0013R | copper | 0.40 | 0.49 | 0.30 | 0.41 | 0.42 | 0.40 | 0.44 | 0.36 | 0.97 | 0.67 | 0.50 | 0.20 | 0.43 |
| FR0090R | copper | 0.41 | 0.38 | 1.96 | 4.91 | 1.23 | 0.41 | 0.57 | 1.11 | 1.15 | 1.96 | 0.98 | 1.15 | 1.08 |
| GB0006R | copper | 0.27 | 0.19 | 0.42 | 0.27 | 0.15 | 0.19 | 0.15 | 0.14 | 0.41 | 0.34 | 0.14 | 0.11 | 0.22 |
| GB0013R | copper | 0.18 | 0.16 | 0.15 | 2.25 | 0.24 | 0.19 | 0.19 | 0.10 | 1.09 | 0.63 | 0.09 | 0.15 | 0.20 |
| GB0017R | copper | 0.38 | 0.61 | 0.70 | 0.55 | 0.52 | 0.53 | 0.69 | 0.63 | 0.88 | 0.88 | - | - | 0.58 |
| GB0091R | copper | 0.32 | 0.26 | 0.29 | 0.39 | 0.19 | 0.13 | 0.20 | 0.11 | 0.16 | 0.20 | 0.14 | 0.48 | 0.21 |
| GB0091R | copper | 0.32 | 0.26 | 0.29 | 0.39 | 0.19 | 0.13 | 0.20 | 0.11 | 0.16 | 0.20 | 0.14 | 0.48 | 0.21 |
| IE0001R | copper | - | 0.50 | 2.10 | 0.50 | 0.50 | 4.60 | 4.50 | 2.80 | 2.70 | 0.50 | 0.50 | 0.50 | 1.72 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IS0090R | copper | 2.50 | 2.87 | 3.09 | 2.55 | 4.95 | 5.00 | 4.00 | 1.33 | 0.96 | 0.98 | 1.94 | 1.39 | 1.98 |
| IS0091R | copper | 0.59 | 0.74 | 0.49 | 0.48 | 0.67 | 1.11 | 1.85 | 0.49 | 0.30 | 0.38 | 0.64 | 0.72 | 0.54 |
| IT0001R | copper | 2.83 | 5.04 | 5.66 | 3.50 | 3.24 | 1.93 | - | 0.20 | 1.41 | 1.19 | 0.89 | 6.38 | 3.18 |
| LV0010R | copper | 3.16 | 6.39 | 6.33 | 9.72 | 2.05 | 1.95 | 1.16 | 6.71 | 1.66 | 3.34 | 1.35 | 2.21 | 2.65 |
| LV0016R | copper | 3.19 | 8.54 | 9.87 | 1.16 | 4.63 | 2.61 | 3.79 | 0.62 | 1.44 | 2.32 | 2.36 | 1.78 | 3.02 |
| NO0001R | copper | 0.07 | 0.31 | 0.33 | 0.88 | 0.37 | 0.29 | 0.30 | 0.39 | 0.34 | 0.78 | 0.73 | 0.32 | 0.37 |
| PL0004R | copper | 0.42 | 1.11 | 1.51 | 2.09 | 1.50 | 1.29 | 0.89 | 0.47 | 0.86 | 0.84 | 0.44 | 0.46 | 0.84 |
| PL0005R | copper | 1.28 | 1.23 | 2.28 | 1.48 | 1.31 | 2.04 | 1.14 | 1.64 | 0.88 | 1.39 | 1.34 | 1.32 | 1.37 |
| PT0001R | copper | - | 0.96 | - | 1.35 | - | 0.33 | 8.76 | 3.64 | 1.87 | 0.33 | 0.33 | - | 1.37 |
| PT0003R | copper | 1.17 | 3.36 | 1.07 | 2.19 | 0.51 | - | - | - | - | - | - | - | 2.60 |
| PT0004R | copper | 1.53 | 1.20 | 3.20 | 2.26 | 1.90 | 0.33 | - | - | 1.63 | 0.33 | 0.33 | 0.33 | 0.94 |
| PT0010R | copper | 0.53 | 2.67 | 1.75 | 3.00 | 0.92 | 0.42 | 2.25 | - | 0.33 | 0.33 | 0.37 | 0.33 | 1.21 |
| SE0051R | copper | 0.32 | - | 0.39 | 0.49 | 1.99 | 0.45 | 0.21 | 1.09 | 0.65 | 1.72 | 3.13 | 1.30 | 0.79 |
| SE0097R | copper | 0.67 | 0.72 | 1.28 | 0.57 | 0.90 | 3.19 | 0.32 | 0.47 | 0.26 | 0.66 | 2.90 | 0.72 | 1.12 |
| SK0002R | copper | 0.66 | 0.67 | 0.59 | 2.26 | 0.37 | 0.63 | 1.55 | 0.45 | 0.31 | 0.63 | 0.61 | 0.65 | 0.70 |
| SK0004R | copper | 0.33 | 0.48 | 0.19 | 9.12 | 0.46 | 1.05 | 1.77 | 0.13 | 1.37 | 0.67 | 0.66 | 3.61 | 0.99 |
| SK0006R | copper | 0.50 | 0.51 | 2.04 | 1.62 | 2.97 | 0.48 | 0.62 | 1.68 | 0.26 | 0.46 | 2.28 | 0.48 | 0.93 |
| SK0007R | copper | 1.78 | 0.72 | 9.54 | - | 0.45 | 1.19 | 3.62 | 0.36 | 0.34 | 0.50 | 1.00 | 10.19 | 1.28 |
| CZ0001R | iron | 23 | 38 | 50 | 324 | 48 | 56 | 118 | 118 | 22 | 76 | 199 | 88 | 54 |
| CZ0003R | iron | 36 | 27 | 93 | 505 | 77 | 78 | 64 | 59 | 62 | 142 | 28 | 54 | 62 |
| DE0001R | iron | 10 | 17 | 13 | 46 | 24 | 11 | 9 | 13 | 12 | 3 | 4 | 3 | 10 |
| DE0002R | iron | 10 | 8 | 18 | - | 20 | 11 | 13 | 10 | 11 | 8 | 6 | 64 | 12 |
| DE0003R | iron | 15 | 8 | 6 | 88 | 15 | 11 | 12 | 24 | 20 | 12 | 7 | 3 | 12 |
| DE0007R | iron | 8 | 9 | 11 | - | 27 | 12 | 5 | 10 | 8 | 11 | 4 | 3 | 12 |
| DE0008R | iron | 16 | 7 | 8 | 10 | 19 | 10 | 13 | 14 | 7 | 11 | 7 | 4 | 11 |
| DE0009R | iron | 6 | 18 | 64 | - | 21 | 8 | 9 | 22 | 11 | 11 | 7 | 6 | 14 |
| FI0008R | iron | 6 | 23 | 25 | 3 | 11 | 10 | 15 | 5 | 12 | 4 | 10 | 11 | 10 |
| FI0017R | iron | 160 | 387 | 99 | 88 | 110 | 77 | 54 | 82 | 13 | 27 | 158 | 70 | 82 |
| FI0022R | iron | 28 | 33 | 8 | 11 | 8 | 11 | 6 | 8 | 3 | 12 | 9 | 9 | 11 |
| FI0036R | iron | 9 | 18 | 42 | 3 | 6 | 9 | 8 | 8 | 5 | 2 | 11 | 5 | 8 |
| FI0053R | iron | 15 | 179 | 25 | 23 | 21 | 77 | 23 | 25 | 3 | 19 | 31 | 15 | 25 |
| FI0092R | iron | 9 | 10 | 19 | 15 | 26 | 11 | 7 | 25 | 5 | 28 | 21 | 11 | 14 |
| FI0093R | iron | 14 | 24 | 52 | 34 | 22 | 31 | 7 | 29 | 9 | 15 | 22 | 11 | 19 |
| IS0090R | iron | 133 | 261 | 243 | 208 | 556 | 552 | 290 | 75 | 47 | 18 | 55 | 17 | 123 |
| IS0091R | iron | 34 | 211 | 244 | 48 | 153 | 206 | 310 | 129 | 68 | 76 | 154 | 167 | 123 |
| BE0014R | lead | 0.98 | 0.59 | 0.82 | 3.66 | 1.71 | 0.86 | 1.40 | 1.56 | 1.41 | 1.16 | 3.45 | 2.95 | 1.42 |
| CZ0001R | lead | 2.74 | 3.55 | 2.91 | 19.91 | 1.73 | 1.82 | 2.95 | 3.16 | 1.99 | 2.47 | 5.29 | 4.79 | 2.68 |
| CZ0003R | lead | 2.77 | 1.66 | 2.15 | 3.50 | 1.15 | 1.43 | 1.27 | 0.25 | 0.81 | 2.62 | 1.47 | 1.20 | 1.41 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DE0001R | lead | 0.48 | 1.64 | 0.58 | 0.41 | 1.92 | 0.58 | 0.40 | 0.48 | 0.44 | 0.70 | 0.41 | 0.46 | 0.60 |
| DE0002R | lead | 0.49 | 0.92 | 1.22 | - | 0.78 | 0.81 | 0.73 | 0.58 | 0.81 | 0.64 | 0.92 | 0.49 | 0.76 |
| DE0003R | lead | 0.69 | 0.48 | 0.78 | 2.94 | 0.70 | 0.85 | 0.63 | 0.59 | 0.74 | 0.76 | 1.68 | 0.38 | 0.75 |
| DE0007R | lead | 0.75 | 1.79 | 1.35 | - | 1.04 | 1.03 | 0.35 | 0.81 | 0.63 | 1.06 | 0.77 | 0.41 | 0.89 |
| DE0008R | lead | 1.39 | 0.82 | 0.68 | 2.04 | 0.76 | 0.77 | 0.37 | 0.83 | 1.04 | 0.93 | 0.85 | 0.56 | 0.81 |
| DE0009R | lead | 0.44 | 1.83 | 2.39 | - | 0.94 | 0.65 | 0.46 | 0.92 | 0.67 | 1.21 | 0.75 | 0.24 | 0.81 |
| DK0008R | lead | 0.44 | 1.60 | 0.94 | 1.82 | 1.20 | 0.59 | 0.33 | 1.03 | 0.48 | 0.75 | 1.30 | 0.54 | 0.67 |
| DK0020R | lead | 0.62 | 2.03 | 1.26 | 2.01 | 2.01 | 0.92 | 0.90 | 0.87 | 0.81 | 1.30 | 0.64 | 0.45 | 0.99 |
| DK0022R | lead | 0.24 | 1.48 | 0.83 | 2.24 | 1.21 | 0.49 | 0.44 | 0.89 | 0.70 | 1.69 | 0.35 | 0.75 | 0.72 |
| DK0031R | lead | 0.28 | 0.43 | 0.74 | 1.70 | 0.70 | 0.30 | 0.27 | 0.28 | 0.23 | 0.68 | 0.97 | 0.54 | 0.45 |
| EE0009R | lead | 0.50 | 0.50 | 1.20 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 1.20 | 1.50 | 0.62 |
| EE0011R | lead | 0.50 | 0.50 | 0.50 | 2.20 | 1.20 | 0.50 | 1.30 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.69 |
| ES0008R | lead | 3.03 | 1.40 | 0.72 | 8.75 | 2.60 | 14.44 | 6.46 | 0.52 | 1.74 | 1.93 | 1.00 | 3.11 | 3.55 |
| ES0009R | lead | 3.28 | 2.29 | 0.41 | 1.29 | 2.10 | 1.62 | 1.43 | 5.62 | 1.60 | 1.51 | 23.96 | 2.85 | 3.31 |
| FI0008R | lead | 0.11 | 1.01 | 1.04 | 0.14 | 0.35 | 0.23 | 0.41 | 0.21 | 0.20 | 0.13 | 0.26 | 0.15 | 0.28 |
| FI0017R | lead | 1.52 | 4.42 | 4.28 | 1.00 | 1.40 | 0.64 | 0.86 | 2.04 | 0.93 | 2.17 | 3.84 | 4.09 | 1.76 |
| FI0022R | lead | 0.17 | 0.87 | 0.44 | 0.22 | 0.50 | 0.30 | 0.45 | 0.51 | 0.21 | 0.72 | 0.77 | 0.31 | 0.44 |
| FI0036R | lead | 0.12 | 0.40 | 1.98 | 0.10 | 0.44 | 0.22 | 0.23 | 0.28 | 0.35 | 0.22 | 0.50 | 0.14 | 0.30 |
| FI0053R | lead | 0.48 | 3.80 | 1.35 | 0.61 | 0.47 | 0.31 | 0.33 | 0.66 | 0.24 | 1.09 | 1.33 | 0.81 | 0.66 |
| FI0092R | lead | 0.45 | 0.97 | 1.85 | 0.29 | 0.60 | 0.17 | 0.62 | 0.54 | 0.59 | 3.35 | 1.67 | 0.86 | 0.84 |
| FI0093R | lead | 0.39 | 1.49 | 2.11 | 0.42 | 0.81 | 0.32 | 0.27 | 1.07 | 0.37 | 1.95 | 1.73 | 1.15 | 0.80 |
| FR0013R | lead | 0.24 | 0.15 | 0.26 | 0.43 | 0.42 | 0.29 | 0.18 | 0.48 | 1.17 | 0.49 | 0.52 | 0.15 | 0.37 |
| FR0090R | lead | 0.70 | 0.49 | 2.55 | 4.85 | 1.85 | 0.21 | 0.62 | 0.65 | 1.07 | 2.71 | 1.64 | 1.32 | 1.26 |
| GB0006R | lead | 0.12 | 0.12 | 0.03 | 0.21 | 0.08 | 0.14 | 0.08 | 0.03 | 0.23 | 0.21 | 0.09 | 0.06 | 0.11 |
| GB0013R | lead | 0.17 | 0.24 | 0.10 | 3.23 | 0.35 | 0.12 | 0.12 | 0.05 | 1.85 | 0.86 | 0.17 | 0.48 | 0.26 |
| GB0017R | lead | 0.40 | 0.87 | 0.93 | 0.50 | 0.45 | 0.45 | 0.49 | 0.71 | 0.99 | 0.99 | - | - | 0.57 |
| GB0091R | lead | 0.10 | 0.51 | 0.09 | 0.47 | 0.27 | 0.14 | 0.18 | 0.11 | 0.11 | 0.11 | 0.16 | 1.07 | 0.27 |
| GB0091R | lead | 0.10 | 0.51 | 0.09 | 0.47 | 0.27 | 0.14 | 0.18 | 0.11 | 0.11 | 0.11 | 0.16 | 1.07 | 0.27 |
| HU0002R | lead | 2.26 | 1.90 | 15.06 | - | 4.19 | 3.27 | 1.57 | 2.78 | 1.39 | 3.19 | 1.89 | 2.62 | 3.19 |
| IE0001R | lead | - | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 |
| IS0090R | lead | 0.41 | 0.30 | 0.24 | 0.58 | 0.55 | 0.54 | 0.48 | 0.15 | 0.09 | 0.08 | 0.18 | 0.12 | 0.22 |
| IS0091R | lead | 0.15 | 0.17 | 0.16 | 0.38 | 0.43 | 0.28 | 0.59 | 0.13 | 0.07 | 0.14 | 0.18 | 0.17 | 0.18 |
| IT0001R | lead | 0.54 | 1.18 | 1.11 | 0.33 | 0.70 | 1.08 | - | 3.20 | 1.03 | 0.26 | 0.17 | 0.61 | 0.72 |
| LV0010R | lead | 5.83 | 6.45 | 8.76 | 0.75 | 1.14 | 1.72 | 0.69 | 1.34 | 0.54 | 1.63 | 2.30 | 7.06 | 2.51 |
| LV0016R | lead | 0.93 | 1.79 | 1.90 | 0.42 | 1.19 | 1.18 | 1.00 | 0.38 | 0.73 | 1.19 | 2.16 | 1.80 | 1.11 |
| NO0001R | lead | 0.35 | 0.74 | 0.75 | 0.88 | 0.64 | 0.27 | 0.47 | 0.75 | 0.45 | 2.32 | 0.89 | 0.47 | 0.67 |
| NO0039R | lead | 0.06 | 0.05 | 0.10 | 0.21 | 0.16 | 0.19 | 0.07 | 0.09 | 0.09 | 0.05 | 0.06 | 0.05 | 0.09 |
| NO0047R | lead | 0.42 | 0.61 | 0.59 | 0.54 | 4.86 | 1.10 | 1.53 | 1.54 | 0.57 | 0.40 | 0.95 | 0.41 | 1.25 |
| NO0055R | lead | 3.16 | 1.35 | 0.56 | 0.23 | 0.37 | 0.28 | 0.41 | 0.26 | 0.19 | 0.20 | 0.27 | 0.15 | 0.47 |
| NO0056R | lead | 0.36 | 1.78 | 0.71 | 0.40 | 0.71 | 0.44 | 0.39 | 0.89 | 1.21 | 2.57 | 1.39 | 1.75 | 0.91 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PL0004R | lead | 0.11 | 1.61 | 0.85 | 1.45 | 1.02 | 0.55 | 0.83 | 0.53 | 0.61 | 0.64 | 0.54 | 0.63 | 0.65 |
| PL0005R | lead | 0.85 | 1.17 | 1.23 | 0.51 | 0.57 | 0.86 | 0.69 | 1.26 | 0.44 | 1.27 | 1.10 | 1.53 | 0.91 |
| PT0001R | lead | - | 0.65 | - | 1.75 | - | 0.65 | 1.54 | 0.65 | 0.65 | 0.65 | 0.65 | - | 0.89 |
| PT0003R | lead | 4.63 | 4.77 | 0.65 | 11.38 | 0.65 | - | - | - | - | - | - | - | - |
| PT0004R | lead | 0.65 | 0.65 | 0.65 | 0.65 | 1.41 | 0.65 | - | - | 0.65 | 0.65 | 0.65 | 0.65 | 0.74 |
| PT0010R | lead | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | - | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 |
| SE0051R | lead | 0.36 | - | 0.67 | 0.25 | 0.77 | 0.41 | 0.35 | 0.73 | 0.54 | 0.45 | 0.82 | 0.45 | 0.47 |
| SE0097R | lead | 1.30 | 1.27 | 0.84 | 0.18 | 0.71 | 0.31 | 0.36 | 0.44 | 0.35 | 0.73 | 1.04 | 0.69 | 0.59 |
| SK0002R | lead | 1.12 | 1.74 | 2.47 | 5.40 | 1.82 | 1.55 | 2.75 | 1.12 | 0.86 | 2.56 | 1.64 | 1.46 | 1.94 |
| SK0004R | lead | 0.29 | 2.41 | 1.34 | 8.29 | 1.55 | 1.01 | 2.08 | 0.20 | 0.17 | 0.46 | 1.29 | 2.33 | 1.18 |
| SK0006R | lead | 2.34 | 2.43 | 5.85 | 3.13 | 1.53 | 0.35 | 0.89 | 1.46 | 0.58 | 1.27 | 1.95 | 1.59 | 1.72 |
| SK0007R | lead | 1.40 | 1.05 | 2.35 | - | 0.96 | 1.30 | 1.39 | 0.69 | 0.30 | 0.75 | 0.68 | 2.37 | 0.92 |
| DE0001R | manganese | 0.91 | 1.14 | 0.98 | 3.60 | 5.33 | 1.79 | 1.35 | 1.66 | 1.78 | 0.66 | 0.80 | 0.52 | 1.19 |
| DE0002R | manganese | 1.15 | 0.93 | 1.56 | - | 2.90 | 1.58 | 2.04 | 1.16 | 1.28 | 1.03 | 0.66 | 0.76 | 1.47 |
| DE0003R | manganese | 1.76 | 0.93 | 0.77 | 12.61 | 2.07 | 1.67 | 1.49 | 1.88 | 1.87 | 1.91 | 1.60 | 0.37 | 1.48 |
| DE0007R | manganese | 1.98 | 1.23 | 1.71 | - | 4.08 | 1.43 | 1.33 | 1.45 | 1.48 | 1.81 | 1.02 | 0.72 | 1.87 |
| DE0008R | manganese | 1.69 | 0.89 | 1.38 | 1.76 | 2.47 | 1.41 | 0.95 | 1.68 | 0.85 | 1.27 | 0.76 | 0.65 | 1.27 |
| DE0009R | manganese | 1.86 | 1.82 | 6.73 | - | 4.38 | 1.77 | 1.66 | 4.00 | 1.31 | 1.49 | 1.71 | 0.90 | 2.35 |
| FI0008R | manganese | 0.13 | 0.39 | 1.26 | 0.49 | 0.80 | 1.69 | 1.67 | 1.06 | 4.91 | 0.31 | 0.21 | 7.59 | 1.59 |
| FI0017R | manganese | 2.77 | 7.33 | 11.51 | 3.01 | 8.38 | 4.36 | 2.25 | 6.63 | 1.09 | 2.08 | 3.83 | 1.64 | 3.75 |
| FI0022R | manganese | 0.38 | 2.40 | 0.58 | 1.76 | 1.67 | 3.09 | 0.90 | 1.95 | 0.82 | 1.14 | 0.39 | 0.54 | 1.19 |
| FI0036R | manganese | 0.20 | 0.30 | 2.11 | 0.44 | 0.73 | 3.32 | 1.12 | 1.22 | 0.90 | 0.32 | 0.30 | 0.86 | 1.04 |
| FI0053R | manganese | 1.10 | 10.37 | 1.48 | 2.63 | 2.06 | 6.85 | 1.20 | 2.25 | 1.05 | 2.10 | 1.98 | 1.12 | 2.03 |
| FI0092R | manganese | 0.37 | 0.49 | 1.12 | 1.49 | 2.77 | 2.27 | 0.93 | 1.84 | 0.57 | 2.18 | 0.75 | 0.37 | 1.28 |
| FI0093R | manganese | 0.86 | 1.46 | 2.97 | 4.80 | 6.24 | 3.38 | 1.15 | 4.93 | 2.08 | 1.38 | 1.10 | 0.77 | 2.40 |
| IE0001R | manganese | - | 0.50 | 0.50 | 7.80 | 10.50 | 5.70 | 3.70 | 11.20 | 3.20 | 6.20 | 6.00 | 2.40 | 4.54 |
| IS0090R | manganese | 2.24 | 4.32 | 4.17 | 4.00 | 10.86 | 11.19 | 5.49 | 1.51 | 0.83 | 0.85 | 2.71 | 1.64 | 2.72 |
| IS0091R | manganese | 0.64 | 3.43 | 4.36 | 1.07 | 3.14 | 3.32 | 6.85 | 3.06 | 1.15 | 1.35 | 2.49 | 2.64 | 2.19 |
| LV0010R | manganese | 5.22 | 2.22 | 2.87 | 8.60 | 8.37 | 7.11 | 1.95 | 8.41 | 2.54 | 2.16 | 1.91 | 4.42 | 3.97 |
| LV0016R | manganese | 4.10 | 3.15 | 2.17 | 9.46 | 8.64 | 6.46 | 4.48 | 5.40 | 2.89 | 2.14 | 1.10 | 4.37 | 4.63 |
| PT0001R | manganese | - | 1.29 | - | 1.08 | - | 1.08 | 30.73 | 22.90 | 12.56 | 3.18 | 1.08 | - | 5.10 |
| PT0003R | manganese | 3.80 | 1.08 | 1.08 | 4.59 | 1.08 | - | - | - | - | - | - | - | 1.65 |
| PT0004R | manganese | 1.08 | 1.08 | 1.08 | 4.88 | 8.22 | 1.33 | - | - | 19.78 | 7.58 | 3.60 | 3.52 | 3.79 |
| PT0010R | manganese | 1.08 | 1.08 | 1.57 | 1.08 | 3.07 | 1.73 | 1.08 | - | 2.35 | 1.08 | 1.15 | 1.08 | 1.26 |
| SE0051R | manganese | 1.20 | - | 1.50 | 4.00 | 13.50 | 2.60 | 0.80 | 5.10 | 5.00 | 14.30 | 8.70 | 2.10 | 4.07 |
| SE0097R | manganese | 2.60 | 2.47 | 1.01 | 1.40 | 1.81 | 2.52 | 1.15 | 1.96 | 0.90 | 1.48 | 1.11 | 0.60 | 1.34 |
| BE0014R | mercury | 12.0 | 7.1 | 7.6 | 18.1 | 11.9 | 12.8 | 10.8 | 14.2 | 15.2 | 6.3 | 8.8 | 5.3 | 10.6 |
| DE0001R | mercury | 3.4 | 10.0 | 6.5 | 7.0 | 9.0 | 9.0 | 6.0 | 7.3 | 6.1 | 6.3 | 3.3 | 3.4 | 6.3 |
| DE0002R | mercury | 5.2 | 8.8 | 11.8 | 40.9 | 13.3 | 12.8 | 11.4 | 7.3 | 8.6 | 6.1 | 5.1 | 6.9 | 9.1 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DE0003R | mercury | 12.4 | 10.5 | 16.1 | 34.6 | 14.6 | 11.3 | 7.7 | 9.9 | 10.6 | 6.6 | 7.8 | 4.9 | 10.7 |
| DE0008R | mercury | 7.1 | 7.0 | 5.8 | 15.9 | 7.8 | 8.9 | 6.6 | 6.9 | 5.8 | 6.0 | 6.0 | 5.1 | 6.8 |
| DE0009R | mercury | 5.4 | 9.2 | 9.3 | 11.8 | 11.9 | 7.4 | 8.1 | 8.7 | 7.7 | 7.6 | 5.6 | 4.2 | 7.9 |
| FI0096G | mercury | 2.8 | - | 5.2 | 5.8 | 6.7 | 18.3 | 6.6 | 6.5 | 3.1 | 4.0 | 8.3 | 6.0 | 5.8 |
| FR0013R | mercury | 23.6 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | - | - | - | - | - | 10.7 |
| GB0013R | mercury | 5.9 | 2.8 | - | - | - | - | - | - | - | 3.7 | 3.7 | - | - |
| GB0017R | mercury | 6.1 | 5.2 | 2.0 | - | - | 15.0 | - | - | - | - | - | - | - |
| GB0091R | mercury | 4.8 | 4.2 | 5.4 | 4.7 | 4.5 | 4.3 | 4.8 | 5.2 | 11.8 | 5.0 | 3.3 | 3.2 | 4.7 |
| IE0001R | mercury | - | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| LV0010R | mercury | - | - | 24.3 | 12.2 | 27.0 | 30.0 | 30.0 | 26.5 | 30.0 | 26.5 | 26.6 | 10.0 | 25.8 |
| LV0016R | mercury | - | - | - | 30.0 | 25.0 | 36.5 | 36.8 | 27.8 | 30.0 | 26.0 | 22.3 | 10.0 | 28.8 |
| NL0091R | mercury | 8.3 | 8.1 | 9.5 | - | 7.5 | 15.0 | 11.2 | 11.4 | 6.6 | 9.1 | 7.5 | 7.8 | 9.6 |
| NO0001R | mercury | 4.0 | 3.6 | 5.7 | 8.4 | 13.4 | 13.7 | 6.1 | 7.5 | 2.7 | 4.3 | 3.2 | 3.0 | 6.3 |
| PL0005R | mercury | 16.2 | 8.2 | 7.6 | 36.2 | 92.2 | 76.5 | 78.0 | 80.8 | 103.3 | 79.9 | 50.2 | 47.1 | 58.4 |
| SE0014R | mercury | 8.2 | 15.3 | 10.0 | 9.6 | 11.1 | 5.9 | 21.1 | 10.5 | 8.8 | 13.9 | 6.9 | 12.6 | 11.0 |
| BE0014R | nickel | 0.44 | 0.27 | 0.44 | 1.92 | 0.37 | 0.27 | 0.44 | 1.60 | 0.45 | 0.27 | 0.27 | 0.30 | 0.47 |
| CZ0001R | nickel | 1.00 | 0.51 | 1.45 | 0.72 | 0.48 | 0.31 | 0.33 | 4.18 | 0.99 | 0.96 | 1.77 | 4.49 | 1.14 |
| CZ0003R | nickel | 4.25 | 0.45 | 0.38 | 2.00 | 0.57 | 0.63 | 0.69 | 0.31 | 0.89 | 0.46 | 0.55 | 0.94 | 0.95 |
| DE0001R | nickel | 0.38 | 0.54 | 0.33 | 1.72 | 0.61 | 0.33 | 0.23 | 0.24 | 0.26 | 0.24 | 0.16 | 0.22 | 0.30 |
| DE0002R | nickel | 0.14 | 0.23 | 0.30 | - | 0.32 | 0.28 | 0.51 | 0.29 | 0.38 | 0.28 | 0.31 | 0.25 | 0.29 |
| DE0003R | nickel | 0.24 | 0.18 | 0.13 | 1.25 | 0.22 | 0.28 | 0.27 | 0.20 | 0.22 | 0.25 | 0.17 | 0.07 | 0.20 |
| DE0007R | nickel | 0.27 | 0.42 | 0.36 | - | 0.29 | 0.28 | 0.23 | 0.23 | 0.20 | 0.27 | 0.23 | 0.13 | 0.27 |
| DE0008R | nickel | 1.29 | 0.19 | 0.22 | 0.81 | 0.25 | 0.30 | 0.18 | 0.36 | 0.17 | 1.77 | 1.31 | 0.25 | 0.50 |
| DE0009R | nickel | 0.27 | 0.28 | 0.56 | - | 0.28 | 0.16 | 0.19 | 0.26 | 0.65 | 0.48 | 0.30 | 0.17 | 0.29 |
| DK0008R | nickel | 0.22 | 0.39 | 0.40 | 0.85 | 0.38 | 0.20 | 0.13 | 0.26 | 0.17 | 0.22 | 0.43 | 0.46 | 0.25 |
| DK0020R | nickel | 0.26 | 0.48 | 0.79 | 0.35 | 0.35 | 0.27 | 0.26 | 0.25 | 0.39 | 0.39 | 0.22 | 0.13 | 0.32 |
| DK0022R | nickel | 0.09 | 0.23 | 0.25 | 0.65 | 0.35 | 0.21 | 0.18 | 0.28 | 0.19 | 0.28 | 0.18 | 0.24 | 0.21 |
| DK0031R | nickel | 0.19 | 0.17 | 0.45 | 1.21 | 0.26 | 0.21 | 0.18 | 0.20 | 0.15 | 0.20 | 0.15 | 0.19 | 0.22 |
| ES0008R | nickel | 34.60 | 149.06 | 153.03 | 21.92 | 26.91 | 41.82 | 31.24 | 9.07 | 10.83 | 6.98 | 6.71 | 25.27 | 51.77 |
| ES0009R | nickel | 4.48 | 2.11 | 1.21 | 2.50 | 1.35 | 2.48 | 3.17 | 2.36 | 1.58 | 1.09 | 1.39 | 6.06 | 1.88 |
| FI0008R | nickel | 0.23 | 1.36 | 2.00 | 0.11 | 1.13 | 0.15 | 0.64 | 0.05 | 0.71 | 0.05 | 0.10 | 0.04 | 0.40 |
| FI0017R | nickel | 0.32 | 0.85 | 0.46 | 0.21 | 0.39 | 0.20 | 0.13 | 0.16 | 0.12 | 0.20 | 0.22 | 0.29 | 0.23 |
| FI0022R | nickel | 0.16 | 0.47 | 0.14 | 0.15 | 0.16 | 0.27 | 0.16 | 0.01 | 0.09 | 0.12 | 0.05 | 0.03 | 0.13 |
| FI0036R | nickel | 0.22 | 0.22 | 0.56 | 0.02 | 0.10 | 0.06 | 0.19 | 0.02 | 0.05 | 0.02 | 0.01 | 0.01 | 0.09 |
| FI0053R | nickel | 0.19 | 1.68 | 0.19 | 0.14 | 0.09 | 0.17 | 0.17 | 0.03 | 0.05 | 0.21 | 0.35 | 0.28 | 0.17 |
| FI0092R | nickel | 0.15 | 0.12 | 0.16 | 0.09 | 0.08 | 0.08 | 0.08 | 0.06 | 0.05 | 0.21 | 0.05 | 0.04 | 0.09 |
| FI0093R | nickel | 0.15 | 0.25 | 0.38 | 0.15 | 0.14 | 0.12 | 0.10 | 0.07 | 0.18 | 0.21 | 0.12 | 0.15 | 0.14 |
| FR0013R | nickel | 0.56 | 0.36 | 0.07 | 0.16 | 0.29 | 0.18 | 0.29 | 0.31 | 0.43 | 0.27 | 0.15 | 0.07 | 0.23 |
| FR0090R | nickel | 1.81 | 1.21 | 2.23 | 4.20 | 1.25 | 1.54 | 1.57 | 1.94 | 1.66 | 2.01 | 2.48 | 1.45 | 1.80 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GB0006R | nickel | 0.89 | 0.10 | 0.19 | 0.08 | 0.01 | 0.08 | 0.11 | 0.20 | 0.01 | 0.01 | 0.05 | 0.07 | 0.20 |
| GB0013R | nickel | 0.17 | 0.16 | 0.12 | 0.43 | 0.18 | 0.19 | 0.18 | 0.12 | 0.41 | 0.28 | 0.06 | 0.13 | 0.15 |
| GB0017R | nickel | 0.19 | 0.28 | 0.34 | 0.25 | 0.22 | 0.22 | 0.14 | 0.15 | 0.19 | 0.19 | - | - | 0.22 |
| GB0091R | nickel | 0.12 | 0.13 | 0.08 | 0.10 | 0.06 | 0.06 | 0.09 | 0.03 | 0.03 | 0.02 | 0.03 | 0.11 | 0.07 |
| GB0091R | nickel | 0.12 | 0.13 | 0.08 | 0.10 | 0.06 | 0.06 | 0.09 | 0.03 | 0.03 | 0.02 | 0.03 | 0.11 | 0.07 |
| IE0001R | nickel | - | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 2.40 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.62 |
| IS0090R | nickel | 0.28 | 0.61 | 1.34 | 1.28 | 0.99 | 1.53 | 2.09 | 0.36 | 0.33 | 0.40 | 0.36 | 0.46 | 0.67 |
| IS0091R | nickel | 0.28 | 1.53 | 0.19 | 0.13 | 0.30 | 1.26 | 1.73 | 0.64 | 0.28 | 1.35 | 1.49 | 1.51 | 0.82 |
| LV0010R | nickel | 0.66 | 0.84 | 1.02 | 2.86 | 0.75 | 0.52 | 0.24 | 0.74 | 0.48 | 1.44 | 0.70 | 0.55 | 0.66 |
| LV0016R | nickel | 0.74 | 0.58 | 0.57 | 1.27 | 0.88 | 0.64 | 0.16 | 0.32 | 0.36 | 0.85 | 0.85 | 0.99 | 0.62 |
| NO0001R | nickel | 0.14 | 0.21 | 0.46 | 0.45 | 0.22 | 0.13 | 0.15 | 0.13 | 0.20 | 0.71 | 0.22 | 0.18 | 0.23 |
| PL0004R | nickel | 0.28 | 0.35 | 0.28 | 0.33 | 0.19 | 0.12 | 0.18 | 0.15 | 0.20 | 0.15 | 0.11 | 0.12 | 0.20 |
| PL0005R | nickel | 0.57 | 0.52 | 1.15 | 0.59 | 0.54 | 0.63 | 0.41 | 0.46 | 0.61 | 0.69 | 0.24 | 0.16 | 0.52 |
| PT0001R | nickel | - | 0.78 | - | 0.78 | - | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | - | 0.78 |
| PT0003R | nickel | 2.18 | 0.78 | 0.78 | 0.78 | 0.78 | - | - | - | - | - | - | - | - |
| PT0004R | nickel | 0.78 | 2.07 | 0.78 | 0.78 | 1.54 | 0.78 | - | - | 0.78 | 0.78 | 0.78 | 0.78 | 1.15 |
| PT0010R | nickel | 3.58 | 1.19 | 1.20 | 0.78 | 0.78 | 0.78 | 0.78 | - | 0.78 | 0.78 | 0.83 | 0.78 | 1.24 |
| SE0051R | nickel | 0.36 | - | 0.36 | 0.73 | 0.27 | 0.16 | 0.13 | 0.31 | 0.19 | 0.44 | 0.36 | 0.28 | 0.28 |
| SE0097R | nickel | 0.42 | 0.45 | 0.72 | 0.31 | 0.25 | 0.19 | 0.14 | 0.17 | 0.14 | 0.24 | 0.37 | 0.39 | 0.29 |
| SK0002R | nickel | 0.36 | 0.25 | 0.83 | 0.79 | 0.25 | 0.93 | 0.70 | 0.05 | 0.43 | 0.13 | 0.23 | 0.07 | 0.48 |
| SK0004R | nickel | 0.54 | 0.08 | 0.51 | 1.46 | 0.10 | 0.20 | 0.43 | 0.05 | 0.24 | 0.06 | 0.15 | 0.16 | 0.28 |
| SK0006R | nickel | 0.86 | 0.24 | 1.61 | 0.31 | 0.42 | 0.29 | 0.45 | 0.24 | 0.17 | 0.06 | 0.17 | 0.06 | 0.40 |
| SK0007R | nickel | 1.29 | 1.32 | 1.38 | - | 0.71 | 0.18 | 0.57 | 0.05 | 0.35 | 0.06 | 0.57 | - | 0.44 |
| DE0001R | selenium | 0.56 | 0.29 | 0.32 | 0.44 | 0.22 | 0.30 | 0.24 | 0.25 | 0.31 | 0.22 | 0.54 | 0.30 | 0.35 |
| DE0002R | selenium | 0.14 | 0.15 | 0.18 | - | 0.20 | 0.18 | 0.13 | 0.08 | 0.11 | 0.10 | 0.19 | 0.12 | 0.15 |
| DE0003R | selenium | 0.17 | 0.16 | 0.13 | 0.28 | 0.12 | 0.08 | 0.04 | 0.07 | 0.08 | 0.11 | 0.13 | 0.07 | 0.10 |
| DE0007R | selenium | 0.19 | 0.24 | 0.19 | - | 0.14 | 0.11 | 0.10 | 0.12 | 0.14 | 0.16 | 0.24 | 0.21 | 0.15 |
| DE0008R | selenium | 0.20 | 0.28 | 0.16 | 0.26 | 0.13 | 0.12 | 0.13 | 0.15 | 0.16 | 0.20 | 0.16 | 0.23 | 0.17 |
| DE0009R | selenium | 0.17 | 0.20 | 0.25 | - | 0.19 | 0.16 | 0.16 | 0.16 | 0.15 | 0.20 | 0.18 | 0.05 | 0.17 |
| DE0001R | thallium | 0.08 | 0.02 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 |
| DE0003R | thallium | 0.01 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 |
| DE0007R | thallium | 0.01 | 0.01 | 0.01 | - | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 |
| DE0008R | thallium | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| DE0009R | thallium | 0.01 | 0.01 | 0.02 | - | 0.01 | 0.01 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 |
| DE0001R | vanadium | 0.87 | 0.58 | 0.51 | 0.77 | 0.66 | 0.52 | 0.38 | 0.28 | 0.44 | 0.40 | 0.46 | 0.52 | 0.53 |
| DE0002R | vanadium | 0.25 | 0.28 | 0.54 | - | 0.48 | 0.40 | 0.37 | 0.26 | 0.28 | 0.22 | 0.29 | 0.17 | 0.34 |
| DE0003R | vanadium | 0.30 | 0.19 | 0.22 | 0.69 | 0.21 | 0.19 | 0.26 | 0.27 | 0.28 | 0.37 | 0.29 | 0.11 | 0.23 |
| DE0007R | vanadium | 0.32 | 0.43 | 0.55 | - | 0.34 | 0.27 | 0.21 | 0.21 | 0.18 | 0.34 | 0.29 | 0.14 | 0.29 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DE0008R | vanadium | 0.33 | 0.26 | 0.29 | 0.82 | 0.25 | 0.14 | 0.18 | 0.23 | 0.18 | 0.24 | 0.26 | 0.24 | 0.23 |
| DE0009R | vanadium | 0.38 | 0.42 | 0.91 | - | 0.42 | 0.27 | 0.33 | 0.36 | 0.39 | 0.45 | 0.47 | 0.16 | 0.38 |
| FI0008R | vanadium | 0.09 | 0.41 | 0.48 | 0.07 | 0.24 | 0.12 | 0.16 | 0.07 | 0.16 | 0.05 | 0.09 | 0.09 | 0.13 |
| FI0017R | vanadium | 0.70 | 2.38 | 1.46 | 0.46 | 0.63 | 0.44 | 0.30 | 0.50 | 0.34 | 0.54 | 0.83 | 0.96 | 0.59 |
| FI0022R | vanadium | 0.17 | 0.68 | 0.22 | 0.26 | 0.35 | 0.20 | 0.14 | 0.17 | 0.10 | 0.20 | 0.21 | 0.12 | 0.20 |
| FI0036R | vanadium | 0.08 | 0.27 | 0.89 | 0.07 | 0.33 | 0.06 | 0.14 | 0.16 | 0.17 | 0.11 | 0.12 | 0.07 | 0.16 |
| FI0053R | vanadium | 0.37 | 3.78 | 0.64 | 0.95 | 0.34 | 0.48 | 0.22 | 0.40 | 0.19 | 0.55 | 0.54 | 0.38 | 0.44 |
| FI0092R | vanadium | 0.28 | 0.48 | 0.66 | 0.22 | 0.22 | 0.09 | 0.16 | 0.24 | 0.18 | 0.53 | 0.40 | 0.32 | 0.26 |
| FI0093R | vanadium | 0.35 | 0.66 | 0.86 | 0.42 | 0.35 | 0.20 | 0.20 | 0.22 | 0.20 | 0.47 | 0.44 | 0.55 | 0.33 |
| IE0001R | vanadium | - | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 |
| IS0090R | vanadium | 2.32 | 2.69 | 3.72 | 2.03 | 2.38 | 1.93 | 0.94 | 0.30 | 0.59 | 0.76 | 4.80 | 3.02 | 2.19 |
| IS0091R | vanadium | 0.14 | 0.87 | 0.92 | 0.27 | 0.75 | 1.05 | 1.32 | 0.55 | 0.30 | 0.36 | 0.29 | 0.52 | 0.46 |
| NO0001R | vanadium | 0.83 | 0.47 | 1.17 | 1.10 | 0.77 | 0.32 | 0.38 | 0.46 | 0.31 | 1.23 | 0.62 | 0.63 | 0.64 |
| SE0051R | vanadium | 0.79 | - | 0.55 | 0.69 | 0.70 | 0.19 | 0.10 | 0.55 | 1.60 | 0.88 | 1.13 | 1.01 | 0.64 |
| SE0097R | vanadium | 0.70 | 0.76 | 1.48 | 0.80 | 0.67 | 0.42 | 0.62 | 1.05 | 0.70 | 0.84 | 1.34 | 1.00 | 0.87 |
| BE0014R | zinc | 14.2 | 5.3 | 6.5 | 10.5 | 18.4 | 9.9 | 14.5 | 16.6 | 11.4 | 19.7 | 5.7 | 6.5 | 11.8 |
| CZ0001R | zinc | 10.2 | 20.2 | 15.5 | 29.6 | 7.0 | 9.2 | 9.8 | 27.1 | 12.5 | 23.5 | 26.1 | 28.6 | 14.2 |
| CZ0003R | zinc | 48.5 | 29.9 | 25.7 | 125.7 | 6.1 | 32.1 | 23.3 | 12.4 | 28.9 | 41.7 | 16.7 | 23.7 | 25.1 |
| DE0001R | zinc | 9.4 | 19.1 | 26.1 | 29.6 | 17.2 | 10.6 | 4.2 | 5.6 | 5.3 | 6.7 | 2.5 | 2.3 | 8.6 |
| DE0002R | zinc | 2.7 | 5.2 | 5.4 | - | 4.8 | 6.0 | 3.9 | 2.7 | 4.2 | 5.7 | 4.9 | 4.3 | 4.3 |
| DE0003R | zinc | 4.8 | 4.2 | 7.9 | 20.2 | 6.5 | 5.0 | 5.9 | 4.7 | 6.3 | 9.6 | 8.4 | 2.5 | 5.8 |
| DE0007R | zinc | 4.3 | 7.8 | 7.5 | 999.9 | 8.6 | 5.1 | 8.1 | 4.2 | 4.3 | 100.7 | 6.6 | 71.6 | 11.4 |
| DE0008R | zinc | 10.6 | 5.7 | 4.8 | 11.3 | 13.2 | 7.5 | 6.4 | 5.9 | 7.1 | 9.3 | 10.4 | 7.0 | 8.3 |
| DE0009R | zinc | 6.3 | 10.0 | 12.7 | - | 13.7 | 5.1 | 4.7 | 6.1 | 4.9 | 7.5 | 5.9 | 3.1 | 6.8 |
| DK0008R | zinc | 7.0 | 13.9 | 8.6 | 28.8 | 56.1 | 7.3 | 3.3 | 6.8 | 5.7 | 7.3 | 11.4 | 3.3 | 9.7 |
| DK0020R | zinc | 4.7 | 9.5 | 11.9 | 6.7 | 6.7 | 6.3 | 5.4 | 4.6 | 6.8 | 20.8 | 6.5 | 4.5 | 6.9 |
| DK0022R | zinc | 1.2 | 5.3 | 4.7 | 20.8 | 7.6 | 3.2 | 2.8 | 7.5 | 3.4 | 7.2 | 4.7 | 7.1 | 4.4 |
| DK0031R | zinc | 7.3 | 9.2 | 21.2 | 18.3 | 7.9 | 7.3 | 4.0 | 5.0 | 4.3 | 5.1 | 4.0 | 4.0 | 6.9 |
| EE0009R | zinc | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 10.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.4 |
| EE0011R | zinc | 5.0 | 5.0 | 5.0 | 52.0 | 10.0 | 5.0 | 5.0 | 5.0 | 5.0 | 12.0 | 5.0 | 14.0 | 7.5 |
| ES0008R | zinc | 91.5 | 24.4 | 29.7 | 31.5 | 319.0 | 91.4 | 102.3 | 19.3 | 64.7 | 93.0 | 58.9 | 54.0 | 80.2 |
| ES0009R | zinc | 353.8 | 47.9 | 48.7 | 57.1 | 31.3 | 52.7 | 150.8 | 65.0 | 30.1 | 57.5 | 55.2 | 70.6 | 52.0 |
| FI0008R | zinc | 0.6 | 4.5 | 8.6 | 1.1 | 1.8 | 1.0 | 2.3 | 1.1 | 1.4 | 1.2 | 1.5 | 2.2 | 1.7 |
| FI0017R | zinc | 5.7 | 15.9 | 18.7 | 5.5 | 4.6 | 5.2 | 4.3 | 6.1 | 3.7 | 6.8 | 9.4 | 10.4 | 6.2 |
| FI0022R | zinc | 0.9 | 2.8 | 1.9 | 1.9 | 1.9 | 1.7 | 1.4 | 5.7 | 0.6 | 2.7 | 1.8 | 1.2 | 2.0 |
| FI0036R | zinc | 0.7 | 1.9 | 12.3 | 1.1 | 1.5 | 3.1 | 0.8 | 1.6 | 1.2 | 0.9 | 1.4 | 1.0 | 1.5 |
| FI0053R | zinc | 3.2 | 18.9 | 4.7 | 7.8 | 2.7 | 3.0 | 1.6 | 2.4 | 1.3 | 5.4 | 4.1 | 3.7 | 3.2 |
| FI0092R | zinc | 1.6 | 2.9 | 4.4 | 1.6 | 3.7 | 1.2 | 1.7 | 3.4 | 1.7 | 7.7 | 3.6 | 2.3 | 2.7 |
| FI0093R | zinc | 1.6 | 4.2 | 7.4 | 2.8 | 4.8 | 2.2 | 2.9 | 3.2 | 2.2 | 6.4 | 5.7 | 3.6 | 3.4 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FR0013R | zinc | 5.0 | 3.7 | 3.4 | 3.7 | 3.4 | 3.0 | 3.4 | 3.7 | 5.3 | 5.2 | 3.5 | 1.5 | 3.6 |
| FR0090R | zinc | 1.2 | 0.9 | 4.3 | 17.1 | 2.2 | 1.4 | 2.9 | 5.2 | 4.3 | 8.0 | 4.2 | 1.3 | 3.3 |
| GB0006R | zinc | 28.8 | 1.2 | 0.5 | 0.9 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 3.2 | 5.0 |
| GB0013R | zinc | 1.2 | 0.9 | 0.8 | 15.5 | 2.0 | 0.6 | 0.7 | 0.7 | 5.5 | 3.1 | 0.7 | 1.4 | 1.2 |
| GB0017R | zinc | 1.9 | 3.9 | 5.1 | 11.3 | 11.5 | 10.8 | 2.7 | 3.6 | 4.5 | 4.5 | - | - | 7.2 |
| GB0091R | zinc | 1.2 | 2.0 | 1.8 | 8.2 | 1.9 | 0.5 | 1.0 | 1.2 | 1.0 | 1.7 | 1.1 | 3.2 | 1.5 |
| GB0091R | zinc | 1.2 | 2.0 | 1.8 | 8.2 | 1.9 | 0.5 | 1.0 | 1.2 | 1.0 | 1.7 | 1.1 | 3.2 | 1.5 |
| IE0001R | zinc | - | 1.7 | 0.5 | 7.4 | 19.7 | 38.5 | 22.1 | 9.8 | 3.7 | 0.5 | 5.9 | 0.5 | 9.6 |
| IS0090R | zinc | 16.8 | 7.3 | 5.9 | 7.9 | 16.9 | 12.2 | 9.4 | 2.3 | 1.5 | 2.5 | 3.7 | 2.0 | 4.9 |
| IS0091R | zinc | 5.2 | 5.0 | 9.5 | 8.0 | 5.7 | 15.6 | 15.3 | 2.8 | 7.2 | 8.4 | 12.3 | 9.8 | 8.5 |
| IT0001R | zinc | 67.9 | 25.0 | 28.4 | 29.1 | 14.6 | 15.7 | - | 82.3 | 59.9 | 19.5 | 14.9 | 27.4 | 30.8 |
| LV0010R | zinc | 22.6 | 20.8 | 50.3 | 45.2 | 22.6 | 29.9 | 15.2 | 17.9 | 15.8 | 47.3 | 17.2 | 26.3 | 22.6 |
| LV0016R | zinc | 26.9 | 37.7 | 42.9 | 35.8 | 17.8 | 18.4 | 20.0 | 11.6 | 15.0 | 39.7 | 23.9 | 38.7 | 24.0 |
| NO0001R | zinc | 1.1 | 4.1 | 3.6 | 4.1 | 2.0 | 2.1 | 2.5 | 2.7 | 3.3 | 6.1 | 3.9 | 1.5 | 2.8 |
| NO0039R | zinc | 0.6 | 0.6 | 1.8 | 0.7 | 0.9 | 1.4 | 1.0 | 1.1 | 0.7 | 0.7 | 1.2 | 0.8 | 0.9 |
| NO0055R | zinc | 5.3 | 4.9 | 4.2 | 8.0 | 4.1 | 1.8 | 3.1 | 7.4 | 3.2 | 7.8 | 5.0 | 5.5 | 4.7 |
| NO0056R | zinc | 5.9 | 17.9 | 10.0 | 16.0 | 9.0 | 4.2 | 5.9 | 6.9 | 8.5 | 61.2 | 12.5 | 14.1 | 10.3 |
| PL0004R | zinc | 2.5 | 5.4 | 4.4 | 7.9 | 7.6 | 5.1 | 3.9 | 2.1 | 3.5 | 3.6 | 2.7 | 2.6 | 3.8 |
| PL0005R | zinc | 2.8 | 2.5 | 7.5 | 3.3 | 3.8 | 2.7 | 2.8 | 3.4 | 2.0 | 5.7 | 7.2 | 11.2 | 4.1 |
| PT0001R | zinc | - | 13.1 | - | 6.1 | - | 30.2 | - | - | - | - | - | - | - |
| PT0003R | zinc | 0.7 | 9.3 | 1.0 | 21.6 | 1.0 | - | - | - | - | - | - | - | - |
| PT0004R | zinc | 100.0 | 1.0 | 20.0 | 4.5 | 4.3 | 3.3 | - | - | - | - | - | - | - |
| PT0010R | zinc | 116.7 | 9.0 | 3.0 | 8.3 | 10.0 | 2.8 | 1.0 | - | - | - | - | - | - |
| SE0051R | zinc | 3.3 | - | 5.8 | 6.3 | 12.6 | 5.0 | 2.3 | 7.7 | 5.8 | 13.1 | 20.3 | 8.8 | 6.4 |
| SE0097R | zinc | 9.5 | 9.4 | 8.1 | 3.5 | 4.4 | 4.7 | 2.7 | 5.7 | 4.2 | 5.9 | 9.0 | 3.9 | 5.1 |
| SK0002R | zinc | 12.8 | 16.6 | 8.5 | 42.4 | 6.1 | 13.2 | 55.4 | 11.4 | 32.2 | 18.2 | 53.5 | 10.9 | 20.4 |
| SK0004R | zinc | 9.3 | 12.3 | 9.3 | 58.3 | 6.1 | 8.1 | 10.3 | 8.2 | 7.3 | 10.1 | 10.4 | 9.3 | 10.7 |
| SK0006R | zinc | 13.2 | 14.0 | 17.2 | 20.7 | 7.2 | 5.4 | 16.3 | 11.3 | 5.0 | 6.2 | 9.1 | 7.3 | 9.8 |
| SK0007R | zinc | 15.4 | 10.2 | 22.5 | - | 4.3 | 7.1 | 15.6 | 11.2 | 4.1 | 6.1 | 7.4 | 30.7 | 9.2 |
| BE0014R | precipitation_amount | 77 | 82 | 45 | 0 | 59 | 136 | 123 | 76 | 62 | 50 | 45 | 64 | 819 |
| BE0014R | precipitation_amount (Hg) | 85 | 98 | 54 | 1 | 75 | 157 | 143 | 79 | 86 | 46 | 52 | 91 | 964 |
| CZ0001R | precipitation_amount | 84 | 46 | 114 | 6 | 94 | 91 | 81 | 21 | 202 | 50 | 87 | 41 | 918 |
| CZ0003R | precipitation_amount | 61 | 41 | 47 | 2 | 70 | 36 | 94 | 61 | 107 | 31 | 84 | 29 | 663 |
| DE0001R | precipitation_amount | 102 | 71 | 41 | 2 | 73 | 72 | 90 | 48 | 61 | 38 | 72 | 54 | 722 |
| DE0001R | precipitation_amount (Hg) | 102 | 61 | 36 | 2 | 73 | 71 | 88 | 48 | 60 | 37 | 64 | 53 | 696 |
| DE0002R | precipitation_amount | 118 | 49 | 77 | 1 | 99 | 77 | 83 | 98 | 52 | 36 | 76 | 31 | 796 |
| DE0002R | precipitation_amount (Hg) | 123 | 52 | 80 | 1 | 104 | 80 | 86 | 101 | 55 | 37 | 81 | 33 | 833 |
| DE0003R | precipitation_amount | 93 | 154 | 179 | 6 | 217 | 219 | 221 | 150 | 121 | 23 | 144 | 180 | 1707 |
| DE0003R | precipitation_amount (Hg) | 100 | 161 | 184 | 7 | 236 | 229 | 228 | 153 | 147 | 24 | 133 | 185 | 1787 |
| DE0007R | precipitation_amount | 75 | 53 | 52 | 1 | 129 | 146 | 119 | 87 | 69 | 21 | 43 | 21 | 816 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DE0008R | precipitation_amount | 165 | 97 | 111 | 11 | 172 | 186 | 240 | 82 | 175 | 45 | 200 | 92 | 1576 |
| DE0008R | precipitation_amount (Hg) | 162 | 99 | 113 | 11 | 174 | 203 | 261 | 99 | 198 | 50 | 214 | 98 | 1681 |
| DE0009R | precipitation_amount | 86 | 44 | 44 | 3 | 74 | 153 | 132 | 51 | 65 | 34 | 44 | 41 | 771 |
| DE0009R | precipitation_amount (Hg) | 90 | 25 | 61 | 20 | 91 | 157 | 124 | 57 | 64 | 34 | 42 | 48 | 814 |
| DK0008R | precipitation_amount | 83 | 28 | 32 | 12 | 38 | 108 | 150 | 47 | 75 | 22 | 12 | 32 | 639 |
| DK0020R | precipitation_amount | 63 | 17 | 40 | 16 | 53 | 56 | 150 | 59 | 38 | 18 | 55 | 50 | 615 |
| DK0022R | precipitation_amount | 164 | 79 | 62 | 15 | 56 | 97 | 111 | 45 | 107 | 41 | 78 | 36 | 892 |
| DK0031R | precipitation_amount | 136 | 86 | 49 | 13 | 86 | 159 | 117 | 40 | 123 | 46 | 58 | 94 | 1007 |
| EE0009R | precipitation_amount | 67 | 20 | 28 | 25 | 63 | 47 | 47 | 66 | 116 | 74 | 49 | 23 | 624 |
| EE0011R | precipitation_amount | 114 | 19 | 43 | 21 | 15 | 74 | 110 | 79 | 57 | 38 | 76 | 44 | 689 |
| ES0008R | precipitation_amount | 126 | 93 | 143 | 138 | 103 | 59 | 35 | 99 | 41 | 69 | 76 | 36 | 1016 |
| ES0009R | precipitation_amount | 3 | 46 | 15 | 59 | 97 | 50 | 3 | 50 | 28 | 72 | 23 | 5 | 452 |
| FI0008R | precipitation_amount | 31 | 11 | 4 | 14 | 39 | 37 | 74 | 70 | 20 | 27 | 31 | 24 | 380 |
| FI0017R | precipitation_amount | 51 | 12 | 17 | 34 | 70 | 47 | 92 | 51 | 121 | 30 | 45 | 44 | 613 |
| FI0022R | precipitation_amount | 48 | 16 | 45 | 18 | 51 | 36 | 80 | 61 | 52 | 33 | 39 | 40 | 517 |
| FI0036R | precipitation_amount | 54 | 30 | 5 | 16 | 66 | 70 | 72 | 84 | 78 | 43 | 54 | 40 | 610 |
| FI0053R | precipitation_amount | 29 | 6 | 25 | 20 | 40 | 25 | 87 | 72 | 53 | 35 | 25 | 37 | 452 |
| FI0092R | precipitation_amount | 56 | 21 | 31 | 39 | 86 | 64 | 117 | 59 | 110 | 45 | 31 | 74 | 732 |
| FI0093R | precipitation_amount | 51 | 21 | 17 | 34 | 33 | 60 | 120 | 65 | 75 | 42 | 40 | 48 | 605 |
| FI0096G | precipitation_amount (Hg) | 29 | 0 | 21 | 9 | 31 | 13 | 89 | 87 | 87 | 23 | 16 | 31 | 436 |
| FR0013R | precipitation_amount | 20 | 70 | 91 | 79 | 97 | 63 | 36 | 59 | 37 | 38 | 23 | 58 | 671 |
| FR0013R | precipitation_amount (Hg) | 21 | 70 | 94 | 79 | 89 | 35 | 28 | - | - | - | - | - | - |
| FR0090R | precipitation_amount | 113 | 164 | 102 | 62 | 123 | 149 | 145 | 91 | 45 | 26 | 105 | 102 | 1225 |
| GB0006R | precipitation_amount | 212 | 70 | 110 | 40 | 121 | 128 | 152 | 117 | 122 | 82 | 133 | 156 | 1444 |
| GB0013R | precipitation_amount | 157 | 255 | 109 | 11 | 136 | 202 | 104 | 88 | 43 | 42 | 169 | 84 | 1403 |
| GB0013R | precipitation_amount (Hg) | 196 | 162 | 155 | 24 | 78 | 161 | 117 | 85 | 29 | 61 | 71 | 122 | 1262 |
| GB0017R | precipitation_amount | 65 | 59 | 30 | 62 | 117 | 110 | 78 | 36 | 23 | 6 | - | - | 586 |
| GB0017R | precipitation_amount (Hg) | 56 | 23 | 37 | 69 | 71 | 60 | 32 | 32 | 9 | - | - | - | - |
| GB0091R | precipitation_amount | 49 | 104 | 22 | 11 | 81 | 165 | 89 | 39 | 51 | 38 | 124 | 54 | 827 |
| GB0091R | precipitation_amount | 49 | 104 | 22 | 11 | 81 | 165 | 89 | 39 | 51 | 38 | 124 | 54 | 827 |
| GB0091R | precipitation_amount (Hg) | 41 | 36 | 40 | 60 | 99 | 63 | 42 | 32 | 22 | 30 | 31 | 80 | 574 |
| HU0002R | precipitation_amount | 11 | 37 | 15 | 0 | 43 | 25 | 21 | 34 | 23 | 18 | 33 | 50 | 309 |
| IE0001R | precipitation_amount | 105 | 201 | 111 | 51 | 77 | 153 | 76 | 106 | 74 | 106 | 98 | 189 | 1347 |
| IS0090R | precipitation_amount | 49 | 40 | 134 | 85 | 27 | 25 | 23 | 85 | 145 | 156 | 114 | 158 | 1041 |
| IS0091R | precipitation_amount | 98 | 63 | 197 | 220 | 48 | 42 | 24 | 103 | 328 | 289 | 201 | 270 | 1883 |
| IT0001R | precipitation_amount | 83 | 76 | 82 | 40 | 68 | 29 | 0 | 5 | 25 | 76 | 58 | 15 | 558 |
| LV0010R | precipitation_amount | 75 | 43 | 30 | 24 | 69 | 78 | 233 | 51 | 83 | 39 | 142 | 78 | 947 |
| LV0016R | precipitation_amount | 112 | 22 | 29 | 33 | 80 | 75 | 115 | 88 | 61 | 63 | 62 | 35 | 777 |
| NL0091R | precipitation_amount (Hg) | 83 | 71 | 62 | 0 | 79 | 109 | 121 | 30 | 79 | 23 | 50 | 53 | 760 |
| NO0001R | precipitation_amount | 161 | 113 | 89 | 26 | 110 | 102 | 178 | 146 | 77 | 74 | 116 | 154 | 1346 |
| NO0001R | precipitation_amount (Hg) | 157 | 153 | 87 | 37 | 138 | 119 | 191 | 152 | 77 | 70 | 101 | 161 | 1441 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO0039R | precipitation_amount | 246 | 102 | 95 | 140 | 62 | 49 | 168 | 221 | 283 | 192 | 297 | 47 | 1901 |
| NO0047R | precipitation_amount | 27 | 12 | 9 | 15 | 33 | 69 | 33 | 68 | 55 | 26 | 29 | 28 | 403 |
| NO0055R | precipitation_amount | 26 | 11 | 9 | 22 | 53 | 70 | 76 | 74 | 44 | 27 | 35 | 35 | 482 |
| NO0056R | precipitation_amount | 92 | 54 | 21 | 32 | 72 | 103 | 171 | 90 | 97 | 26 | 70 | 82 | 909 |
| PL0004R | precipitation_amount | 131 | 30 | 37 | 29 | 49 | 67 | 104 | 80 | 69 | 42 | 83 | 55 | 775 |
| PL0005R | precipitation_amount | 102 | 25 | 32 | 22 | 35 | 24 | 102 | 61 | 48 | 38 | 73 | 14 | 576 |
| PT0001R | precipitation_amount_off | 12 | 112 | 14 | 82 | 35 | 61 | 11 | 33 | 27 | 32 | 32 | 9 | 460 |
| PT0003R | precipitation_amount_off | 50 | 205 | 28 | 33 | 93 | 133 | 48 | 26 | 47 | 23 | 43 | 63 | 792 |
| PT0004R | precipitation_amount_off | 20 | 74 | 12 | 23 | 45 | 46 | 0 | 0 | 9 | 19 | 58 | 50 | 355 |
| PT0010R | precipitation_amount_off | 132 | 117 | 36 | 162 | 16 | 107 | 25 | 4 | 44 | 69 | 161 | 102 | 977 |
| SE0014R | precipitation_amount (Hg) | 46 | 15 | 21 | 23 | 79 | 97 | 98 | 63 | 108 | 16 | 47 | 19 | 632 |
| SE0051R | precipitation_amount | 177 | 47 | 43 | 44 | 71 | 130 | 208 | 65 | 94 | 59 | 43 | 69 | 1049 |
| SE0097R | precipitation_amount | 1 | 43 | 103 | 39 | 80 | 143 | 160 | 83 | 150 | 48 | 93 | 225 | 1166 |
| SK0002R | precipitation_amount | 72 | 71 | 148 | 67 | 86 | 124 | 31 | 98 | 106 | 39 | 65 | 34 | 940 |
| SK0004R | precipitation_amount | 93 | 18 | 45 | 30 | 73 | 165 | 19 | 130 | 23 | 38 | 37 | 3 | 673 |
| SK0006R | precipitation_amount | 122 | 44 | 30 | 16 | 28 | 17 | 22 | 40 | 165 | 44 | 71 | 28 | 625 |
| SK0007R | precipitation_amount | 37 | 31 | 11 | 0 | 71 | 68 | 22 | 123 | 90 | 64 | 36 | 20 | 571 |

# Annex 6

# Monthly and annual mean values for heavy metals in air

| Site | Comp | Matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DK0003R | aluminium | aerosol | -41 | 39 | 142 | 230 | 175 | 279 | 68 | 319 | 133 | 122 | 144 | 118 | 144 |
| DK0005R | aluminium | aerosol | 14 | 42 | 109 | 187 | 128 | 141 | 60 | 146 | 160 | 124 | 131 | 117 | 112 |
| DK0008R | aluminium | aerosol | 20 | 55 | 108 | 123 | 119 | 149 | 83 | 157 | 182 | 173 | 147 | 134 | 120 |
| DK0031R | aluminium | aerosol | -62 | 45 | 147 | 200 | 122 | 163 | 83 | 173 | 181 | 113 | 144 | 128 | 119 |
| ES1778R | aluminium | pm10 | 96 | 43 | 106 | 215 | 270 | 126 | 205 | 241 | 264 | 183 | 194 | 80 | 160 |
| ES1778R | aluminium | pm25 | 43 | 15 | 19 | 103 | 104 | 25 | 38 | 43 | 90 | 60 | 50 | 24 | 48 |
| FI0017R | aluminium | aerosol | - | - | 124 | 149 | 108 | 388 | 210 | 233 | 136 | 395 | 97 | 57 | 177 |
| FI0036R | aluminium | aerosol | 3 | 10 | 31 | 16 | 12 | 22 | 7 | 11 | 8 | 13 | 4 | 3 | 12 |
| FI0037R | aluminium | aerosol | - | - | - | 31 | 45 | 74 | 17 | 54 | 31 | 37 | 12 | 8 | 34 |
| IS0091R | aluminium | aerosol | 71 | 727 | 65 | 66 | 572 | 432 | 138 | 396 | 780 | 161 | 210 | 207 | 315 |
| DE0001R | antimony | aerosol | 0.366 | 0.845 | 0.690 | 0.544 | 0.676 | 0.337 | 0.243 | 0.306 | 0.235 | 0.532 | 0.472 | 0.546 | 0.484 |
| DE0002R | antimony | aerosol | 0.503 | 0.801 | 0.833 | 0.503 | 0.758 | 0.520 | 0.438 | 0.421 | 0.626 | 0.842 | 0.698 | 0.764 | 0.642 |
| DE0007R | antimony | aerosol | 0.285 | 2.193 | 1.207 | 1.774 | 0.620 | 0.626 | 0.803 | 0.564 | 0.598 | 0.845 | 0.622 | 0.530 | 0.877 |
| DE0008R | antimony | aerosol | 0.180 | 0.313 | 0.610 | 0.721 | 0.457 | 1.151 | 0.701 | 0.917 | 1.238 | 0.575 | 0.200 | 0.211 | 0.620 |
| DE0009R | antimony | aerosol | 0.265 | 0.731 | 0.687 | 0.688 | 0.398 | 0.378 | 0.307 | 0.389 | 0.301 | 0.518 | 0.578 | 0.424 | 0.470 |
| ES1778R | antimony | pm10 | 0.425 | 0.374 | 0.362 | 0.351 | 0.344 | 0.339 | 0.494 | 0.310 | 0.670 | 0.436 | 0.856 | 0.422 | 0.431 |
| ES1778R | antimony | pm25 | 0.254 | 0.213 | 0.320 | 0.413 | 0.259 | 0.289 | 0.368 | 0.169 | 0.596 | 0.412 | 0.385 | 0.280 | 0.321 |
| AT0002R | arsenic | pm10 | 0.693 | 0.789 | 0.775 | 0.754 | 0.335 | 0.557 | 0.877 | 0.728 | 0.399 | 0.619 | 0.586 | 0.675 | 0.650 |
| AT0005R | arsenic | pm10 | 0.138 | 0.134 | 0.305 | 0.323 | 0.093 | 0.196 | 0.192 | 0.028 | - | -0.013 | 0.001 | 0.000 | 0.126 |
| AT0048R | arsenic | pm10 | 0.140 | 0.172 | 0.392 | 0.298 | 0.110 | 0.117 | 0.000 | 0.116 | 0.032 | 0.322 | 0.022 | 0.000 | 0.149 |
| BE0014R | arsenic | aerosol | 0.818 | 1.351 | 1.416 | 1.254 | 0.628 | 0.647 | 1.007 | 0.606 | 0.649 | 1.127 | 0.924 | 0.727 | 0.937 |
| CY0002R | arsenic | aerosol | 0.136 | 0.251 | 0.089 | 0.228 | 0.348 | 0.068 | 0.056 | 0.095 | 0.039 | - | 0.130 | 0.140 | 0.144 |
| CZ0001R | arsenic | pm10 | 0.823 | 1.128 | 1.064 | 1.000 | 0.755 | 0.507 | 0.719 | 0.623 | 0.524 | 1.476 | 1.119 | - | 0.854 |
| CZ0003R | arsenic | pm10 | 0.773 | 0.918 | 1.099 | 0.839 | 0.602 | 0.510 | 0.286 | 0.489 | 0.410 | 1.733 | 0.866 | 1.482 | 0.840 |
| CZ0003R | arsenic | pm25 | 0.594 | 0.840 | 0.872 | 0.717 | 0.420 | 0.323 | 0.231 | 0.359 | 0.345 | 1.604 | 0.654 | 1.215 | 0.675 |
| DE0001R | arsenic | aerosol | 0.279 | 0.842 | 0.636 | 0.502 | 0.290 | 0.259 | 0.164 | 0.288 | 0.208 | 0.385 | 0.484 | 0.420 | 0.397 |
| DE0002R | arsenic | aerosol | 0.264 | 1.037 | 0.731 | 0.578 | 0.721 | 0.531 | 0.302 | 0.419 | 0.288 | 0.476 | 0.672 | 0.379 | 0.531 |
| DE0003R | arsenic | aerosol | 0.093 | 0.157 | 0.227 | 0.557 | 0.351 | 0.255 | 0.154 | 0.223 | 0.244 | 0.421 | 0.093 | 0.096 | 0.239 |
| DE0007R | arsenic | aerosol | 0.176 | 1.172 | 0.707 | 0.735 | 0.363 | 0.368 | 0.265 | 0.500 | 0.348 | 0.647 | 0.773 | 0.538 | 0.544 |
| DE0008R | arsenic | aerosol | 0.143 | 0.212 | 0.568 | 0.685 | 0.484 | 0.407 | 0.190 | 0.237 | 0.189 | 0.514 | 0.149 | 0.299 | 0.344 |
| DE0009R | arsenic | aerosol | 0.201 | 0.991 | 0.607 | 0.559 | 0.350 | 0.252 | 0.229 | 0.284 | 0.265 | 0.400 | 0.448 | 0.485 | 0.419 |
| DK0003R | arsenic | aerosol | 0.229 | 0.475 | 0.774 | 0.520 | 0.292 | 0.417 | 0.139 | 0.370 | 0.426 | 1.382 | 0.601 | 0.619 | 0.526 |
| DK0005R | arsenic | aerosol | 0.092 | 0.437 | 0.300 | 0.280 | 0.190 | 0.120 | 0.079 | 0.256 | 0.214 | 0.283 | 0.311 | 0.131 | 0.226 |
| DK0008R | arsenic | aerosol | 0.101 | 0.293 | 0.407 | 0.299 | 0.205 | 0.224 | 0.169 | 0.208 | 0.246 | 0.286 | 0.237 | 0.252 | 0.243 |
| DK0031R | arsenic | aerosol | 0.076 | 0.317 | 0.325 | 0.305 | 0.160 | 0.221 | 0.112 | 0.212 | 0.162 | 0.410 | 0.404 | 0.252 | 0.246 |
| EE0009R | arsenic | aerosol | 1.023 | 1.425 | 0.681 | 0.160 | 0.200 | 0.200 | 0.226 | 0.355 | 0.313 | 0.273 | 0.247 | 0.410 | 0.455 |
| ES0008R | arsenic | pm10 | - | - | 0.160 | 0.380 | 0.127 | 0.118 | 0.065 | 0.182 | 0.225 | 0.347 | 0.194 | 0.205 | 0.208 |
| ES0009R | arsenic | pm10 | 0.063 | 0.050 | 0.073 | 0.050 | 0.070 | 0.050 | 0.103 | - | 0.050 | 0.050 | 0.050 | 0.050 | 0.060 |
| ES0013R | arsenic | pm10 | - | - | - | - | - | - | - | 0.110 | - | - | - | - | - |

| Site | Comp | Matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ES0014R | arsenic | pm10 | - | - | - | - | - | - | - | - | - | - | 0.145 | - | - |
| ES0016R | arsenic | pm10 | - | - | - | - | - | - | - | - | 0.087 | - | - | - | - |
| ES1778R | arsenic | pm10 | 0.175 | 0.183 | 0.206 | 0.255 | 0.245 | 0.211 | 0.261 | 0.279 | 0.340 | 0.302 | 0.369 | 0.160 | 0.238 |
| ES1778R | arsenic | pm25 | 0.164 | 0.202 | 0.194 | 0.270 | 0.242 | 0.226 | 0.248 | 0.262 | 0.329 | 0.304 | 0.236 | 0.137 | 0.225 |
| FI0017R | arsenic | aerosol | - | - | 0.236 | 0.167 | 0.136 | 0.335 | 0.207 | 0.344 | 0.616 | 0.960 | 0.303 | 0.327 | 0.316 |
| FI0036R | arsenic | aerosol | 0.101 | 0.248 | 0.151 | 0.058 | 0.040 | 0.045 | 0.127 | 0.062 | 0.143 | 0.165 | 0.102 | 0.069 | 0.108 |
| FI0037R | arsenic | aerosol | - | - | - | 0.158 | 0.173 | 0.130 | 0.121 | 0.172 | 0.486 | 0.658 | 0.205 | 0.169 | 0.236 |
| FR0013R | arsenic | aerosol | 0.114 | 0.065 | 0.024 | 0.024 | 0.024 | 0.040 | 0.126 | 0.193 | 0.159 | 0.024 | 0.025 | 0.025 | 0.072 |
| GB0013R | arsenic | pm10 | 0.175 | 0.444 | 0.675 | 0.934 | 0.425 | 0.301 | 0.129 | 0.340 | 0.347 | 0.613 | 1.135 | 0.947 | 0.519 |
| GB0017R | arsenic | pm10 | 0.618 | 0.688 | 0.443 | 0.338 | 0.381 | 0.410 | 0.441 | 0.455 | - | - | - | - | 0.473 |
| GB0091R | arsenic | pm10 | 0.096 | 0.525 | 0.543 | 0.282 | 0.275 | 0.239 | 0.199 | 0.168 | 0.144 | 0.376 | 0.453 | 0.409 | 0.303 |
| GB0091R | arsenic | pm10 | 0.118 | 0.542 | 0.543 | 0.282 | 0.275 | 0.239 | 0.199 | 0.168 | 0.144 | 0.376 | 0.563 | 0.422 | 0.317 |
| IS0091R | arsenic | aerosol | 0.054 | 0.166 | 0.050 | 0.085 | 0.112 | 0.100 | 0.055 | 0.094 | 0.085 | 0.035 | 0.080 | 0.084 | 0.082 |
| LV0010R | arsenic | aerosol | 0.151 | 0.360 | 0.581 | 0.206 | 0.246 | 0.313 | 0.196 | 0.384 | 0.157 | 0.099 | 0.105 | 0.194 | 0.250 |
| LV0016R | arsenic | aerosol | 0.124 | 0.371 | 0.492 | 0.234 | 0.256 | 0.388 | 0.386 | 0.605 | 0.351 | 0.491 | 0.766 | 0.344 | 0.393 |
| NL0008R | arsenic | aerosol | 0.403 | 0.986 | 0.794 | 0.657 | 0.305 | 0.470 | 0.313 | 0.185 | 0.339 | 0.601 | 0.543 | 0.850 | 0.568 |
| NL0009R | arsenic | aerosol | 0.169 | 0.339 | 0.561 | 0.602 | 0.290 | 0.374 | 0.285 | 0.398 | 0.186 | 0.453 | 0.381 | 0.381 | 0.373 |
| NL0010R | arsenic | aerosol | - | - | - | - | 0.464 | 0.538 | 0.412 | 0.258 | 0.261 | 0.458 | 0.492 | 0.361 | 0.434 |
| NO0001R | arsenic | pm10 | 0.095 | 0.272 | 0.343 | 0.307 | 0.202 | 0.233 | 0.122 | 0.185 | 0.113 | 0.372 | 0.124 | 0.132 | 0.208 |
| NO0042G | arsenic | aerosol | 0.123 | 0.044 | 0.067 | 0.072 | 0.017 | 0.011 | 0.014 | 0.023 | 0.010 | 0.009 | 0.051 | 0.169 | 0.046 |
| PL0005R | arsenic | pm10 | 0.494 | 0.468 | 0.557 | 0.500 | 0.471 | 0.120 | 0.255 | 0.290 | 0.437 | 0.645 | 0.773 | 1.048 | 0.501 |
| SE0014R | arsenic | aerosol | 0.447 | 0.811 | 0.690 | 0.653 | 0.392 | 0.220 | 0.187 | 0.250 | 0.250 | 0.529 | 0.230 | 0.292 | 0.410 |
| SI0008R | arsenic | pm10 | 0.479 | 0.417 | 0.987 | 0.697 | 0.735 | 0.972 | 0.548 | 0.849 | 0.468 | 0.721 | 0.330 | 0.363 | 0.635 |
| SK0002R | arsenic | pm10 | 0.019 | 0.046 | 0.140 | 0.244 | 0.243 | 0.228 | 0.183 | 0.174 | 0.123 | 0.124 | 0.026 | 0.014 | 0.130 |
| SK0004R | arsenic | pm10 | 0.494 | 0.656 | 0.616 | 0.406 | 0.399 | 0.284 | 0.361 | 0.474 | 0.543 | 0.671 | 0.427 | 0.819 | 0.515 |
| SK0006R | arsenic | pm10 | 0.512 | 0.594 | 0.586 | 0.489 | 0.356 | 0.225 | 0.368 | 0.480 | 0.414 | 0.371 | 0.581 | 0.550 | 0.450 |
| SK0007R | arsenic | pm10 | 0.680 | 0.831 | 1.091 | 1.028 | 0.781 | 0.526 | 0.336 | 0.511 | 0.474 | 1.541 | 0.898 | 1.210 | 0.821 |
| ES1778R | barium | pm10 | 3.670 | 2.798 | 3.558 | 4.143 | 5.179 | 4.194 | 6.387 | 32.274 | 11.245 | 5.507 | 9.700 | 26.782 | 7.823 |
| ES1778R | barium | pm25 | 2.465 | 1.667 | 1.552 | 3.144 | 3.431 | 2.352 | 2.084 | 15.139 | 18.874 | 1.344 | 2.646 | 7.807 | 4.884 |
| ES1778R | bismuth | pm10 | 0.059 | 0.091 | 0.055 | 0.005 | 0.048 | 0.063 | 0.079 | 0.074 | 0.124 | 0.056 | 0.127 | 0.053 | 0.065 |
| ES1778R | bismuth | pm25 | 0.031 | 0.059 | 0.055 | 0.005 | 0.047 | 0.063 | 0.084 | 0.062 | 0.157 | 0.055 | 0.102 | 0.051 | 0.061 |
| AT0002R | cadmium | pm10 | 0.232 | 0.238 | 0.236 | 0.415 | 0.147 | 0.200 | 0.106 | 0.112 | 0.170 | 0.244 | 0.142 | 0.333 | 0.213 |
| AT0005R | cadmium | pm10 | 0.037 | 0.035 | 0.159 | 0.217 | 0.080 | 0.150 | 0.148 | 0.050 | - | 0.028 | 0.035 | 0.047 | 0.086 |
| AT0048R | cadmium | pm10 | 0.013 | 0.049 | 0.128 | 0.167 | 0.053 | 0.124 | 0.024 | 0.052 | 0.044 | 0.084 | 0.030 | 0.042 | 0.068 |
| BE0014R | cadmium | aerosol | 0.276 | 0.389 | 0.458 | 0.473 | 0.202 | 0.187 | 0.232 | 0.173 | 0.172 | 0.104 | 0.130 | 0.106 | 0.244 |
| CY0002R | cadmium | aerosol | 0.056 | 0.077 | 0.043 | 0.090 | 0.402 | 0.037 | 0.019 | 0.030 | 0.027 | 0.011 | 0.035 | 0.071 | 0.070 |
| CZ0001R | cadmium | pm10 | 0.143 | 0.238 | 0.469 | 0.303 | 0.173 | 0.201 | 0.138 | 0.120 | 0.143 | 0.256 | 0.176 | - | 0.214 |
| CZ0003R | cadmium | pm10 | 0.122 | 0.183 | 0.311 | 0.275 | 0.139 | 0.118 | 0.066 | 0.091 | 0.087 | 0.254 | 0.143 | 0.199 | 0.166 |

| Site | Comp | Matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CZ0003R | cadmium | pm25 | 0.104 | 0.176 | 0.251 | 0.257 | 0.112 | 0.093 | 0.075 | 0.071 | 0.081 | 0.239 | 0.106 | 0.188 | 0.144 |
| DE0001R | cadmium | aerosol | 0.052 | 0.222 | 0.294 | 0.134 | 0.053 | 0.079 | 0.033 | 0.057 | 0.045 | 0.120 | 0.114 | 0.117 | 0.111 |
| DE0002R | cadmium | aerosol | 0.081 | 0.249 | 0.309 | 0.174 | 0.180 | 0.150 | 0.063 | 0.086 | 0.089 | 0.180 | 0.195 | 0.195 | 0.162 |
| DE0003R | cadmium | aerosol | 0.042 | 0.078 | 0.128 | 0.173 | 0.105 | 0.091 | 0.052 | 0.071 | 0.085 | 0.121 | 0.031 | 0.025 | 0.083 |
| DE0007R | cadmium | aerosol | 0.082 | 0.335 | 0.336 | 0.184 | 0.094 | 0.098 | 0.073 | 0.099 | 0.103 | 0.233 | 0.201 | 0.155 | 0.165 |
| DE0008R | cadmium | aerosol | 0.056 | 0.069 | 0.243 | 0.195 | 0.112 | 0.086 | 0.060 | 0.052 | 0.075 | 0.112 | 0.048 | 0.065 | 0.099 |
| DE0009R | cadmium | aerosol | 0.079 | 0.249 | 0.240 | 0.300 | 0.130 | 0.140 | 0.049 | 0.083 | 0.055 | 0.110 | 0.171 | 0.142 | 0.145 |
| EE0009R | cadmium | aerosol | 0.123 | 0.246 | 0.490 | 0.167 | 0.135 | 0.157 | 0.100 | 0.123 | 0.140 | 0.155 | 0.113 | 0.126 | 0.173 |
| ES0008R | cadmium | pm10 | 0.090 | 0.100 | 0.080 | 0.232 | 0.070 | 0.105 | 0.017 | 0.055 | 0.100 | 0.117 | 0.060 | 0.093 | 0.093 |
| ES0009R | cadmium | pm10 | 0.025 | 0.013 | 0.037 | 0.040 | 0.020 | 0.020 | 0.023 | - | 0.010 | 0.010 | 0.022 | 0.015 | 0.021 |
| ES0013R | cadmium | pm10 | - | - | - | - | - | - | - | 0.017 | - | - | - | - | - |
| ES0014R | cadmium | pm10 | - | - | - | - | - | - | - | - | - | - | 0.050 | - | - |
| ES0016R | cadmium | pm10 | - | - | - | - | - | - | - | - | 0.023 | - | - | - | - |
| ES1778R | cadmium | pm10 | 0.116 | 0.110 | 0.092 | 0.087 | 0.084 | 0.040 | 0.064 | 0.077 | 0.127 | 0.200 | 0.223 | 0.085 | 0.106 |
| ES1778R | cadmium | pm25 | 0.086 | 0.122 | 0.092 | 0.122 | 0.143 | 0.073 | 0.081 | 0.065 | 0.156 | 0.279 | 0.267 | 0.098 | 0.127 |
| FI0017R | cadmium | aerosol | - | - | 0.188 | 0.060 | 0.068 | 0.051 | 0.054 | 0.104 | 0.175 | 0.243 | 0.118 | 0.101 | 0.105 |
| FI0036R | cadmium | aerosol | 0.024 | 0.068 | 0.057 | 0.014 | 0.013 | 0.009 | 0.021 | 0.013 | 0.024 | 0.041 | 0.026 | 0.018 | 0.027 |
| FI0037R | cadmium | aerosol | - | - | - | 0.034 | 0.031 | 0.044 | 0.025 | 0.043 | 0.111 | 0.208 | 0.062 | 0.049 | 0.063 |
| FR0013R | cadmium | aerosol | 0.103 | 0.029 | 0.043 | 0.137 | 0.026 | 0.026 | 0.027 | 0.044 | 0.072 | 0.125 | 0.014 | 0.010 | 0.055 |
| GB0013R | cadmium | pm10 | 0.034 | 0.056 | 0.145 | 0.240 | 0.065 | 0.033 | 0.022 | 0.049 | 0.047 | 0.108 | 0.111 | 0.214 | 0.089 |
| GB0017R | cadmium | pm10 | 0.130 | 0.124 | 0.167 | 0.062 | 0.091 | 0.057 | 0.065 | 0.086 | - | - | - | - | 0.106 |
| GB0091R | cadmium | pm10 | 0.020 | 0.064 | 0.116 | 0.074 | 0.028 | 0.040 | 0.012 | 0.015 | 0.015 | 0.051 | 0.050 | 0.045 | 0.044 |
| GB0091R | cadmium | pm10 | 0.020 | 0.064 | 0.116 | 0.074 | 0.028 | 0.040 | 0.012 | 0.015 | 0.015 | 0.051 | 0.050 | 0.045 | 0.044 |
| IS0091R | cadmium | aerosol | 0.037 | 0.022 | 0.063 | 0.048 | 0.016 | 0.114 | 0.025 | 0.030 | 0.029 | 0.005 | 0.009 | 0.167 | 0.047 |
| LV0010R | cadmium | aerosol | 0.066 | 0.072 | 0.400 | 0.185 | 0.037 | 0.137 | 0.122 | 0.216 | 0.049 | 0.034 | 0.041 | 0.033 | 0.118 |
| LV0016R | cadmium | aerosol | 0.053 | 0.186 | 0.315 | 0.084 | 0.055 | 0.038 | 0.041 | 0.086 | 0.084 | 0.144 | 0.168 | 0.096 | 0.111 |
| NL0008R | cadmium | aerosol | 0.170 | 0.245 | 0.304 | 0.220 | 0.073 | 0.164 | 0.133 | 0.078 | 0.138 | 0.174 | 0.216 | 0.377 | 0.193 |
| NL0009R | cadmium | aerosol | 0.065 | 0.132 | 0.194 | 0.170 | 0.073 | 0.132 | 0.063 | 0.052 | 0.086 | 0.112 | 0.119 | 0.165 | 0.118 |
| NL0010R | cadmium | aerosol | - | - | - | - | 0.130 | 0.151 | 0.252 | 0.071 | 0.091 | 0.160 | 0.126 | 0.236 | 0.150 |
| NO0001R | cadmium | pm10 | 0.036 | 0.072 | 0.122 | 0.061 | 0.027 | 0.047 | 0.020 | 0.039 | 0.023 | 0.066 | 0.026 | 0.026 | 0.047 |
| NO0042G | cadmium | aerosol | 0.018 | 0.008 | 0.014 | 0.023 | 0.004 | 0.023 | 0.002 | 0.009 | 0.002 | 0.003 | 0.010 | 0.037 | 0.012 |
| PL0005R | cadmium | pm10 | 0.045 | 0.221 | 0.286 | 0.000 | 0.142 | 0.103 | 0.074 | 0.045 | 0.087 | 0.352 | 0.253 | 0.403 | 0.167 |
| SE0014R | cadmium | aerosol | 0.026 | 0.116 | 0.190 | 0.101 | 0.044 | 0.080 | 0.026 | 0.057 | 0.040 | 0.066 | 0.030 | 0.045 | 0.068 |
| SI0008R | cadmium | pm10 | 0.116 | 0.082 | 0.196 | 0.236 | 0.113 | 0.040 | 0.060 | 0.023 | 0.009 | 0.084 | 0.051 | 0.118 | 0.095 |
| SK0002R | cadmium | pm10 | 0.013 | 0.018 | 0.062 | 0.122 | 0.065 | 0.062 | 0.053 | 0.061 | 0.036 | 0.033 | 0.012 | 0.026 | 0.046 |
| SK0004R | cadmium | pm10 | 0.113 | 0.217 | 0.371 | 0.246 | 0.197 | 0.083 | 0.109 | 0.143 | 0.129 | 0.212 | 0.147 | 0.479 | 0.203 |
| SK0006R | cadmium | pm10 | 0.488 | 0.262 | 0.446 | 0.257 | 0.214 | 0.163 | 0.221 | 0.221 | 0.198 | 0.248 | 0.277 | 0.591 | 0.285 |
| SK0007R | cadmium | pm10 | 0.218 | 0.275 | 0.381 | 0.312 | 0.219 | 0.117 | 0.106 | 0.142 | 0.184 | 0.394 | 0.371 | 0.696 | 0.283 |
| ES1778R | cerium | pm10 | 0.242 | 0.219 | 0.323 | 0.554 | 0.862 | 0.389 | 0.609 | 0.533 | 0.611 | 0.421 | 0.406 | 0.200 | 0.429 |
| ES1778R | cerium | pm25 | 0.098 | 0.205 | 0.129 | 0.315 | 0.335 | 0.163 | 0.310 | 0.172 | 0.268 | 0.143 | 0.085 | 0.076 | 0.184 |

| Site | Comp | Matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BE0014R | chromium | aerosol | 4.750 | 4.360 | 5.544 | 4.957 | 5.176 | 5.538 | 6.116 | 5.245 | 6.123 | 7.653 | 6.947 | 4.193 | 5.640 |
| DK0003R | chromium | aerosol | 0.190 | 0.323 | 0.758 | 0.215 | 0.363 | 0.717 | 0.197 | 0.561 | 0.274 | 0.800 | 0.255 | 0.513 | 0.434 |
| DK0005R | chromium | aerosol | 0.162 | 0.286 | 0.631 | 0.131 | 0.304 | 0.473 | 0.167 | 0.564 | 0.647 | 0.641 | 0.428 | 0.542 | 0.422 |
| DK0008R | chromium | aerosol | 0.149 | 0.236 | 0.507 | 0.037 | 0.248 | 0.524 | 0.128 | 0.385 | -0.034 | 0.551 | 0.192 | 0.556 | 0.287 |
| DK0031R | chromium | aerosol | 0.069 | 0.189 | 0.495 | -0.008 | 0.189 | 0.545 | 0.114 | 0.265 | 0.260 | 0.363 | 0.031 | 0.443 | 0.252 |
| ES0008R | chromium | pm10 | - | - | 0.775 | 0.775 | 1.636 | 0.775 | 0.775 | 0.775 | 0.989 | 2.010 | 0.775 | 0.775 | 1.054 |
| ES0009R | chromium | pm10 | 0.775 | 0.775 | 0.775 | 0.775 | 0.775 | 0.775 | 0.775 | - | 0.775 | 0.775 | 0.775 | 0.775 | 0.775 |
| ES0013R | chromium | pm10 | - | - | - | - | - | - | - | 0.775 | - | - | - | - | - |
| ES0014R | chromium | pm10 | - | - | - | - | - | - | - | - | - | - | 8.165 | - | - |
| ES0016R | chromium | pm10 | - | - | - | - | - | - | - | - | 0.775 | - | - | - | - |
| ES1778R | chromium | pm10 | 0.941 | 0.546 | 0.370 | 0.655 | 1.235 | 1.105 | 1.304 | 3.189 | 1.181 | 0.438 | 1.250 | 2.450 | 1.129 |
| ES1778R | chromium | pm25 | 0.443 | 0.389 | 0.156 | 0.486 | 0.975 | 1.340 | 1.105 | 3.042 | 1.875 | 0.421 | 2.192 | 1.735 | 1.101 |
| FI0017R | chromium | aerosol | - | - | 0.293 | 0.407 | 0.095 | 0.272 | 0.172 | 0.385 | 0.514 | 1.309 | 0.211 | 0.160 | 0.311 |
| FI0036R | chromium | aerosol | 0.038 | 0.124 | 0.116 | 0.075 | 0.051 | 0.045 | 0.051 | 0.057 | 0.142 | 0.121 | 0.016 | 0.037 | 0.071 |
| FI0037R | chromium | aerosol | - | - | - | 0.063 | 0.193 | 0.144 | 0.066 | 0.163 | 0.214 | 0.389 | 0.008 | 0.084 | 0.140 |
| FR0013R | chromium | aerosol | 1.397 | 0.981 | 0.523 | 2.084 | 3.402 | 1.215 | 1.613 | 1.271 | 2.391 | 2.363 | 3.169 | 2.934 | 1.919 |
| GB0013R | chromium | pm10 | 0.681 | 0.611 | 0.866 | 1.518 | 0.865 | 0.723 | 0.612 | 0.557 | 0.422 | 0.805 | 0.775 | 1.090 | 0.776 |
| GB0017R | chromium | pm10 | 1.164 | 1.198 | 0.622 | 0.830 | 0.670 | 0.940 | 0.504 | 1.438 | - | - | - | - | 0.853 |
| GB0091R | chromium | pm10 | 0.689 | 0.995 | 0.532 | 0.808 | 0.797 | 1.104 | 0.447 | 0.419 | 0.437 | 0.378 | 0.210 | 0.482 | 0.608 |
| GB0091R | chromium | pm10 | 0.689 | 0.995 | 0.532 | 0.808 | 0.797 | 1.104 | 0.447 | 0.419 | 0.437 | 0.378 | 0.210 | 0.482 | 0.608 |
| IS0091R | chromium | aerosol | 5.394 | 7.527 | 8.242 | 18.250 | 2.313 | 4.175 | 1.604 | 7.546 | 9.640 | 7.557 | 12.516 | 9.639 | 7.821 |
| LV0010R | chromium | aerosol | 0.690 | 0.210 | 0.953 | 0.488 | 0.548 | 0.838 | 0.361 | 0.744 | 0.335 | 0.140 | 0.098 | 0.136 | 0.447 |
| LV0016R | chromium | aerosol | 0.065 | 0.253 | 0.452 | 0.419 | 0.524 | 0.836 | 0.745 | 1.052 | 0.362 | 0.243 | 0.450 | 0.335 | 0.447 |
| NO0001R | chromium | pm10 | 0.892 | 1.012 | 0.771 | 0.848 | 0.409 | 0.289 | 0.178 | 0.406 | 0.233 | 0.397 | 0.188 | 0.604 | 0.515 |
| NO0042G | chromium | aerosol | 0.103 | 0.044 | 0.067 | 0.064 | 0.034 | 0.106 | 0.041 | 0.121 | 0.063 | 0.078 | 0.066 | 0.097 | 0.073 |
| PL0005R | chromium | pm10 | 1.485 | 1.746 | 0.656 | 0.690 | 1.436 | 1.475 | 0.910 | 0.955 | 0.908 | 1.122 | 0.747 | 0.883 | 1.131 |
| SK0002R | chromium | pm10 | 0.965 | 0.628 | 0.376 | 1.185 | 0.288 | 0.528 | 0.398 | 0.344 | 1.206 | 0.245 | 0.229 | 0.661 | 0.582 |
| SK0004R | chromium | pm10 | 0.906 | 0.270 | 0.930 | 0.453 | 0.532 | 0.103 | 0.282 | 0.383 | 0.849 | 0.260 | 0.120 | 0.585 | 0.488 |
| SK0006R | chromium | pm10 | 1.522 | 0.458 | 0.742 | 0.501 | 0.506 | 0.281 | 0.323 | 0.797 | 1.231 | 0.476 | 0.236 | 0.387 | 0.587 |
| SK0007R | chromium | pm10 | 0.587 | 0.401 | 1.007 | 1.393 | 1.437 | 1.501 | 0.888 | 0.792 | 0.640 | 1.918 | 0.560 | 1.012 | 1.021 |
| DE0001R | cobalt | aerosol | 0.025 | 0.048 | 0.105 | 0.084 | 0.048 | 0.091 | 0.039 | 0.052 | 0.026 | 0.068 | 0.049 | 0.068 | 0.059 |
| DE0002R | cobalt | aerosol | 0.032 | 0.057 | 0.104 | 0.050 | 0.089 | 0.051 | 0.048 | 0.032 | 0.037 | 0.050 | 0.060 | 0.056 | 0.056 |
| DE0003R | cobalt | aerosol | 0.028 | 0.034 | 0.041 | 0.115 | 0.097 | 0.051 | 0.066 | 0.043 | 0.063 | 0.094 | 0.017 | 0.018 | 0.055 |
| DE0007R | cobalt | aerosol | 0.031 | 0.059 | 0.079 | 0.078 | 0.055 | 0.043 | 0.038 | 0.044 | 0.057 | 0.089 | 0.077 | 0.070 | 0.060 |
| DE0008R | cobalt | aerosol | 0.019 | 0.015 | 0.049 | 0.394 | 0.091 | 0.048 | 0.039 | 0.042 | 0.046 | 0.053 | 0.016 | 0.019 | 0.069 |
| DE0009R | cobalt | aerosol | 0.027 | 0.068 | 0.085 | 0.105 | 0.101 | 0.123 | 0.060 | 0.082 | 0.061 | 0.066 | 0.079 | 0.059 | 0.076 |
| ES1778R | cobalt | pm10 | 0.076 | 0.063 | 0.077 | 0.115 | 0.153 | 0.098 | 0.108 | 0.142 | 0.164 | 0.092 | 0.114 | 0.117 | 0.104 |
| ES1778R | cobalt | pm25 | 0.045 | 0.046 | 0.040 | 0.072 | 0.088 | 0.055 | 0.050 | 0.046 | 0.107 | 0.037 | 0.036 | 0.033 | 0.052 |

| Site | Comp | Matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FI0017R | cobalt | aerosol | - | - | 0.107 | 0.066 | 0.093 | 0.080 | 0.060 | 0.102 | 0.089 | 0.122 | 0.054 | 0.057 | 0.080 |
| FI0036R | cobalt | aerosol | 0.017 | 0.045 | 0.037 | 0.019 | 0.012 | 0.018 | 0.018 | 0.017 | 0.037 | 0.016 | 0.005 | 0.010 | 0.020 |
| FI0037R | cobalt | aerosol | - | - | - | 0.041 | 0.049 | 0.044 | 0.026 | 0.051 | 0.133 | 0.128 | 0.006 | 0.046 | 0.054 |
| NO0001R | cobalt | pm10 | 0.018 | 0.035 | 0.037 | 0.040 | 0.054 | 0.036 | 0.014 | 0.031 | 0.015 | 0.029 | 0.014 | 0.023 | 0.029 |
| NO0042G | cobalt | aerosol | 0.007 | 0.006 | 0.013 | 0.050 | 0.002 | 0.007 | 0.003 | 0.010 | 0.003 | 0.004 | 0.005 | 0.010 | 0.010 |
| BE0014R | copper | aerosol | 8.021 | 9.547 | 10.699 | 10.449 | 6.583 | 7.037 | 7.916 | 11.402 | 9.762 | 11.766 | 9.731 | 8.598 | 9.384 |
| CZ0001R | copper | pm10 | 1.862 | 2.005 | 2.710 | 2.567 | 1.865 | 2.205 | 2.192 | 2.486 | 1.754 | 2.561 | 2.127 | - | 2.221 |
| CZ0003R | copper | pm10 | 1.531 | 1.961 | 2.297 | 3.013 | 2.906 | 1.762 | 1.540 | 2.430 | 2.378 | 2.427 | 1.141 | 1.407 | 2.041 |
| CZ0003R | copper | pm25 | 1.298 | 0.754 | 0.875 | 1.305 | 1.830 | 1.249 | 0.609 | 0.914 | 0.898 | 2.148 | 1.287 | 0.849 | 1.176 |
| DE0001R | copper | aerosol | 1.146 | 3.636 | 2.271 | 2.653 | 1.466 | 1.710 | 0.885 | 1.612 | 1.392 | 2.969 | 2.695 | 3.262 | 2.144 |
| DE0002R | copper | aerosol | 2.268 | 2.860 | 3.159 | 2.176 | 3.398 | 2.316 | 2.604 | 2.228 | 2.872 | 2.619 | 2.787 | 2.108 | 2.619 |
| DE0003R | copper | aerosol | 0.412 | 1.079 | 1.888 | 5.859 | 2.401 | 2.721 | 2.392 | 2.958 | 2.446 | 2.631 | 0.618 | 0.562 | 2.161 |
| DE0007R | copper | aerosol | 1.142 | 2.213 | 2.314 | 1.946 | 1.492 | 1.389 | 1.525 | 1.442 | 1.580 | 2.545 | 2.542 | 2.138 | 1.852 |
| DE0008R | copper | aerosol | 0.977 | 1.034 | 2.918 | 3.623 | 2.254 | 1.786 | 1.920 | 1.841 | 1.799 | 1.733 | 0.595 | 0.515 | 1.769 |
| DK0003R | copper | aerosol | 0.472 | 0.971 | 1.548 | 1.310 | 0.810 | 1.223 | 0.743 | 1.803 | 0.984 | 2.357 | 1.602 | 2.133 | 1.344 |
| DK0005R | copper | aerosol | 0.398 | 1.157 | 1.249 | 1.118 | 0.689 | 0.879 | 0.738 | 1.515 | 1.417 | 1.708 | 1.630 | 1.706 | 1.184 |
| DK0008R | copper | aerosol | 0.167 | 0.641 | 0.914 | 0.776 | 0.580 | 0.726 | 0.614 | 1.124 | 0.970 | 1.299 | 0.940 | 1.013 | 0.808 |
| DK0031R | copper | aerosol | 0.126 | 0.645 | 1.021 | 0.972 | 0.851 | 2.806 | 0.649 | 1.161 | 0.578 | 1.345 | 0.844 | 2.432 | 1.132 |
| ES0008R | copper | pm10 | 17.745 | 27.370 | 28.377 | 48.130 | 80.392 | 87.778 | 34.420 | 52.313 | 57.990 | 73.740 | 29.342 | 61.898 | 50.949 |
| ES0009R | copper | pm10 | 39.973 | 32.747 | 52.298 | 5.090 | 1.873 | 1.755 | 10.700 | - | 0.410 | 0.090 | 1.948 | 1.140 | 15.083 |
| ES0013R | copper | pm10 | - | - | - | - | - | - | - | 7.612 | - | - | - | - | - |
| ES0014R | copper | pm10 | - | - | - | - | - | - | - | - | - | - | 7.485 | - | - |
| ES0016R | copper | pm10 | - | - | - | - | - | - | - | - | 3.783 | - | - | - | - |
| ES1778R | copper | pm10 | 2.434 | 2.704 | 2.610 | 2.007 | 2.709 | 2.938 | 3.206 | 3.579 | 4.283 | 2.293 | 5.747 | 7.168 | 3.151 |
| ES1778R | copper | pm25 | 0.835 | 1.387 | 2.121 | 2.470 | 2.831 | 2.779 | 3.210 | 2.167 | 4.714 | 2.469 | 3.209 | 4.010 | 2.762 |
| FI0017R | copper | aerosol | - | - | 1.063 | 0.638 | 0.979 | 0.912 | 0.691 | 1.074 | 1.989 | 2.428 | 0.628 | 0.687 | 1.007 |
| FI0036R | copper | aerosol | 0.304 | 0.822 | 0.482 | 0.183 | 0.182 | 0.191 | 0.492 | 0.154 | 0.457 | 0.310 | 0.117 | 0.156 | 0.315 |
| FI0037R | copper | aerosol | - | - | - | 0.347 | 0.497 | 0.335 | 0.310 | 0.529 | 1.093 | 1.351 | 0.307 | 0.315 | 0.532 |
| FR0013R | copper | aerosol | 2.940 | 1.480 | 1.041 | 2.209 | 1.734 | 1.933 | 2.683 | 2.289 | 2.056 | 2.654 | 2.543 | 1.752 | 2.109 |
| GB0013R | copper | pm10 | 0.403 | 1.214 | 1.299 | 3.477 | 1.153 | 0.726 | 0.365 | 23.473 | 0.937 | 2.325 | 1.505 | 3.031 | 3.443 |
| GB0017R | copper | pm10 | 1.765 | 2.275 | 1.650 | 1.559 | 1.473 | 1.979 | 1.388 | 1.983 | - | - | - | - | 1.697 |
| GB0091R | copper | pm10 | 0.351 | 0.505 | 0.747 | 0.935 | 0.503 | 0.528 | 0.404 | 0.410 | 0.443 | 1.216 | 0.404 | 0.725 | 0.593 |
| GB0091R | copper | pm10 | 0.351 | 0.505 | 0.747 | 0.935 | 0.503 | 0.528 | 0.404 | 0.410 | 0.443 | 1.216 | 0.404 | 0.725 | 0.593 |
| IS0091R | copper | aerosol | 0.822 | 1.916 | 0.511 | 0.700 | 1.165 | 1.230 | 0.507 | 1.433 | 1.925 | 0.468 | 0.672 | 1.027 | 1.023 |
| LV0010R | copper | aerosol | 0.840 | 0.471 | 1.877 | 0.736 | 1.130 | 1.593 | 0.810 | 1.322 | 0.723 | 0.378 | 0.233 | 0.366 | 0.878 |
| LV0016R | copper | aerosol | 1.112 | 1.222 | 1.674 | 0.936 | 0.797 | 0.616 | 1.011 | 1.026 | 1.281 | 1.624 | 1.719 | 0.833 | 1.144 |
| NO0001R | copper | pm10 | 1.044 | 0.552 | 0.670 | 0.658 | 0.562 | 0.682 | 0.757 | 1.049 | 0.582 | 1.864 | 0.273 | 1.068 | 0.818 |
| NO0042G | copper | aerosol | 0.209 | 0.200 | 0.224 | 0.778 | 0.137 | 0.705 | 0.096 | 0.589 | 0.117 | 0.180 | 0.172 | 0.275 | 0.309 |
| PL0005R | copper | pm10 | 0.545 | 1.279 | 77.665 | 53.560 | 0.571 | 0.277 | 0.568 | 0.416 | 0.680 | 1.142 | 0.883 | 2.048 | 11.702 |

| Site | Comp | Matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK0002R | copper | pm10 | 1.045 | 0.947 | 1.054 | 1.893 | 0.884 | 0.916 | 0.825 | 0.768 | 0.579 | 0.310 | 0.287 | 0.482 | 0.826 |
| SK0004R | copper | pm10 | 2.046 | 2.864 | 3.002 | 2.395 | 2.209 | 1.222 | 1.325 | 1.610 | 1.834 | 2.338 | 1.359 | 6.929 | 2.390 |
| SK0006R | copper | pm10 | 2.158 | 2.070 | 1.682 | 2.332 | 2.475 | 1.137 | 1.685 | 2.028 | 1.544 | 1.720 | 1.632 | 4.393 | 2.098 |
| SK0007R | copper | pm10 | 4.247 | 4.527 | 4.468 | 4.526 | 3.863 | 2.772 | 2.815 | 2.798 | 3.031 | 5.227 | 3.960 | 6.935 | 4.094 |
| DE0001R | iron | aerosol | 17 | 39 | 97 | 109 | 51 | 58 | 26 | 55 | 29 | 68 | 47 | 62 | 55 |
| DE0002R | iron | aerosol | 43 | 58 | 149 | 92 | 132 | 82 | 67 | 68 | 67 | 65 | 63 | 53 | 79 |
| DE0003R | iron | aerosol | 19 | 39 | 78 | 208 | 168 | 64 | 59 | 71 | 101 | 102 | 23 | 17 | 79 |
| DE0007R | iron | aerosol | 30 | 41 | 122 | 117 | 77 | 59 | 50 | 55 | 56 | 56 | 51 | 39 | 63 |
| DE0008R | iron | aerosol | 11 | 20 | 124 | 194 | 125 | 65 | 61 | 63 | 63 | 42 | 15 | 9 | 67 |
| DE0009R | iron | aerosol | 23 | 30 | 54 | 98 | 56 | 50 | 32 | 50 | 41 | 41 | 37 | 32 | 45 |
| DK0003R | iron | aerosol | 11 | 32 | 114 | 186 | 124 | 216 | 36 | 200 | 49 | 86 | 48 | 45 | 96 |
| DK0005R | iron | aerosol | 19 | 40 | 92 | 122 | 71 | 76 | 30 | 89 | 63 | 67 | 52 | 47 | 64 |
| DK0008R | iron | aerosol | 7 | 32 | 81 | 67 | 43 | 69 | 27 | 79 | 37 | 53 | 31 | 30 | 46 |
| DK0031R | iron | aerosol | 6 | 21 | 89 | 129 | 41 | 80 | 26 | 80 | 31 | 49 | 29 | 29 | 50 |
| ES1778R | iron | pm10 | 126 | 68 | 133 | 248 | 323 | 165 | 253 | 284 | 331 | 212 | 243 | 133 | 67 |
| ES1778R | iron | pm25 | 79 | 32 | 35 | 122 | 129 | 45 | 71 | 49 | 134 | 79 | 66 | 31 | 67 |
| FI0017R | iron | aerosol | - | - | 113 | 120 | 98 | 283 | 161 | 222 | 135 | 288 | 71 | 97 | 150 |
| FI0036R | iron | aerosol | 10 | 19 | 38 | 24 | 12 | 23 | 8 | 13 | 25 | 34 | 8 | 12 | 19 |
| FI0037R | iron | aerosol | - | - | - | 31 | 41 | 54 | 16 | 55 | 42 | 83 | 19 | 14 | 38 |
| IS0002R | iron | aerosol | 0.02 | 0.05 | 0.03 | 0.03 | 0.07 | 0.09 | 0.13 | 0.18 | 0.07 | 0.02 | 0.05 | 0.05 | 0.07 |
| IS0091R | iron | aerosol | 126 | 1364 | 135 | 169 | 1023 | 694 | 197 | 688 | 1214 | 274 | 382 | 399 | 549 |
| ES1778R | lanthanum | pm10 | 0.104 | 0.098 | 0.147 | 0.255 | 0.311 | 0.162 | 0.263 | 0.221 | 0.286 | 0.189 | 0.173 | 0.108 | 0.184 |
| ES1778R | lanthanum | pm25 | 0.047 | 0.089 | 0.057 | 0.149 | 0.152 | 0.079 | 0.134 | 0.044 | 0.122 | 0.075 | 0.041 | 0.036 | 0.083 |
| AT0002R | lead | pm10 | 7.004 | 7.712 | 7.785 | 12.233 | 4.995 | 6.094 | 4.576 | 4.785 | 6.168 | 7.998 | 5.293 | 10.037 | 7.019 |
| AT0005R | lead | pm10 | 1.221 | 2.090 | 5.721 | 6.859 | 3.547 | 4.638 | 5.622 | 2.845 | - | 1.420 | 1.991 | 1.633 | 3.297 |
| AT0048R | lead | pm10 | 0.926 | 2.556 | 4.110 | 5.446 | 1.854 | 3.380 | 1.227 | 2.392 | 1.850 | 3.584 | 1.124 | 1.694 | 2.542 |
| BE0014R | lead | aerosol | 9.150 | 15.977 | 14.427 | 13.129 | 7.297 | 6.451 | 7.083 | 7.035 | 7.118 | 13.691 | 11.390 | 10.511 | 10.252 |
| CY0002R | lead | aerosol | 3.646 | 6.824 | 3.262 | 4.275 | 7.776 | 1.731 | 1.020 | 0.706 | 0.033 | - | 1.822 | 3.312 | 3.157 |
| CZ0001R | lead | pm10 | 4.597 | 8.924 | 12.678 | 9.668 | 7.238 | 9.260 | 6.942 | 7.266 | 5.391 | 7.254 | 6.743 | - | 7.874 |
| CZ0003R | lead | pm10 | 3.633 | 5.524 | 9.047 | 8.407 | 5.839 | 5.231 | 2.563 | 4.139 | 4.051 | 7.083 | 4.387 | 6.436 | 5.474 |
| CZ0003R | lead | pm25 | 3.103 | 5.060 | 7.075 | 7.807 | 4.459 | 4.187 | 2.061 | 3.403 | 3.233 | 6.401 | 2.971 | 6.253 | 4.567 |
| DE0001R | lead | aerosol | 2.356 | 8.087 | 7.321 | 5.305 | 2.159 | 2.532 | 1.638 | 2.253 | 1.391 | 3.688 | 4.043 | 4.424 | 3.766 |
| DE0002R | lead | aerosol | 3.752 | 10.072 | 7.924 | 4.971 | 6.134 | 4.412 | 3.054 | 3.317 | 3.207 | 5.879 | 6.256 | 6.264 | 5.412 |
| DE0003R | lead | aerosol | 1.385 | 2.970 | 3.489 | 6.729 | 3.377 | 3.001 | 2.167 | 3.250 | 3.915 | 4.428 | 1.516 | 1.051 | 3.098 |
| DE0007R | lead | aerosol | 2.838 | 12.639 | 7.861 | 5.827 | 3.222 | 3.357 | 2.641 | 3.332 | 3.259 | 7.151 | 7.083 | 5.788 | 5.363 |
| DE0008R | lead | aerosol | 2.064 | 2.838 | 6.564 | 6.369 | 3.873 | 3.221 | 2.323 | 2.420 | 2.522 | 4.175 | 1.668 | 2.407 | 3.399 |
| DE0009R | lead | aerosol | 3.245 | 9.826 | 7.534 | 7.336 | 3.363 | 3.448 | 2.527 | 3.273 | 2.158 | 3.692 | 5.205 | 4.307 | 4.619 |
| DK0003R | lead | aerosol | 0.874 | 3.860 | 4.133 | 2.416 | 1.208 | 1.917 | 1.270 | 2.780 | 1.787 | 4.155 | 3.561 | 3.759 | 2.663 |
| DK0005R | lead | aerosol | 1.227 | 5.410 | 4.511 | 2.971 | 1.445 | 2.492 | 1.234 | 3.270 | 2.404 | 4.055 | 3.984 | 4.182 | 3.081 |

| Site | Comp | Matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DK0008R | lead | aerosol | 0.428 | 3.509 | 3.604 | 1.693 | 1.093 | 1.644 | 1.031 | 2.754 | 1.474 | 3.431 | 2.713 | 2.660 | 2.154 |
| DK0031R | lead | aerosol | 0.483 | 3.316 | 3.379 | 2.161 | 1.448 | 1.988 | 1.269 | 2.676 | 1.419 | 4.247 | 3.472 | 3.287 | 2.447 |
| EE0009R | lead | aerosol | 2.855 | 7.639 | 7.348 | 3.400 | 3.216 | 3.493 | 3.148 | 5.203 | 5.933 | 13.187 | 6.800 | 13.787 | 6.320 |
| ES0008R | lead | pm10 | 3.000 | 3.670 | 9.292 | 14.675 | 3.294 | 5.045 | 2.227 | 5.160 | 12.988 | 9.868 | 5.496 | 5.155 | 6.821 |
| ES0009R | lead | pm10 | 1.027 | 0.560 | 1.763 | 1.480 | 0.787 | 1.570 | 1.783 | - | 0.748 | 0.527 | 1.157 | 0.204 | 1.005 |
| ES0013R | lead | pm10 | - | - | - | - | - | - | - | 1.095 | - | - | - | - | - |
| ES0014R | lead | pm10 | - | - | - | - | - | - | - | - | - | - | 2.612 | - | - |
| ES0016R | lead | pm10 | - | - | - | - | - | - | - | - | 1.377 | - | - | - | - |
| ES1778R | lead | pm10 | 5.662 | 3.622 | 3.778 | 4.275 | 3.790 | 3.628 | 3.758 | 3.158 | 5.234 | 4.049 | 7.730 | 4.017 | 4.454 |
| ES1778R | lead | pm25 | 4.927 | 3.248 | 4.069 | 5.210 | 4.537 | 3.353 | 4.208 | 2.554 | 7.421 | 4.542 | 5.829 | 2.870 | 4.160 |
| FI0017R | lead | aerosol | - | - | 5.121 | 2.148 | 3.079 | 1.831 | 1.787 | 4.353 | 5.423 | 7.024 | 3.718 | 3.463 | 3.513 |
| FI0036R | lead | aerosol | 0.592 | 1.634 | 1.217 | 0.400 | 0.360 | 0.230 | 0.372 | 0.498 | 0.651 | 1.191 | 0.586 | 0.473 | 0.679 |
| FI0037R | lead | aerosol | - | - | - | 0.804 | 0.993 | 0.524 | 0.619 | 1.637 | 1.717 | 4.254 | 1.149 | 1.129 | 1.350 |
| FR0013R | lead | aerosol | 5.956 | 3.386 | 3.187 | 5.676 | 2.767 | 2.804 | 2.132 | 2.793 | 4.420 | 7.928 | 5.476 | 3.033 | 4.134 |
| GB0013R | lead | pm10 | 1.301 | 3.351 | 4.615 | 9.268 | 2.804 | 2.006 | 0.710 | 2.155 | 2.570 | 5.260 | 6.764 | 9.438 | 4.005 |
| GB0017R | lead | pm10 | 7.096 | 6.237 | 4.139 | 2.985 | 3.953 | 3.406 | 3.170 | 3.919 | - | - | - | - | 4.514 |
| GB0091R | lead | pm10 | 2.880 | 2.626 | 2.721 | 2.726 | 0.890 | 1.397 | 0.807 | 0.512 | 0.735 | 3.125 | 2.781 | 2.940 | 2.002 |
| GB0091R | lead | pm10 | 2.880 | 2.626 | 2.721 | 2.726 | 0.890 | 1.397 | 0.807 | 0.512 | 0.735 | 3.125 | 2.781 | 2.940 | 2.002 |
| IS0091R | lead | aerosol | 1.123 | 0.305 | 1.090 | 0.755 | 0.262 | 0.285 | 0.212 | 1.016 | 0.195 | 0.135 | 0.230 | 0.607 | 0.521 |
| LV0010R | lead | aerosol | 1.604 | 2.910 | 8.916 | 2.569 | 5.899 | 10.353 | 3.305 | 4.716 | 1.591 | 1.471 | 1.246 | 1.265 | 3.852 |
| LV0016R | lead | aerosol | 1.368 | 5.942 | 6.521 | 1.761 | 2.300 | 1.535 | 1.806 | 2.823 | 3.472 | 5.304 | 7.774 | 3.229 | 3.554 |
| NL0008R | lead | aerosol | 4.070 | 8.531 | 7.847 | 8.084 | 2.598 | 4.395 | 2.897 | 2.401 | 3.772 | 7.255 | 7.175 | 14.405 | 6.131 |
| NL0009R | lead | aerosol | 2.888 | 6.911 | 7.050 | 5.764 | 2.915 | 4.370 | 3.168 | 3.443 | 3.462 | 5.057 | 4.833 | 8.632 | 4.959 |
| NL0010R | lead | aerosol | - | - | - | - | 5.742 | 6.612 | 5.826 | 3.457 | 3.283 | 6.206 | 5.393 | 6.750 | 5.709 |
| NO0001R | lead | pm10 | 0.900 | 2.362 | 2.557 | 1.528 | 0.778 | 1.371 | 0.481 | 1.634 | 0.610 | 1.616 | 0.680 | 1.004 | 1.288 |
| NO0042G | lead | aerosol | 0.664 | 0.270 | 0.401 | 0.650 | 0.106 | 0.690 | 0.032 | 0.198 | 0.050 | 0.060 | 0.328 | 1.500 | 0.378 |
| PL0005R | lead | pm10 | 5.058 | 11.421 | 9.843 | 2.500 | 3.442 | 1.520 | 2.090 | 4.329 | 4.297 | 7.090 | 7.843 | 16.210 | 6.187 |
| SE0014R | lead | aerosol | 1.003 | 4.015 | 4.340 | 2.537 | 1.539 | 1.900 | 0.981 | 2.367 | 1.470 | 2.011 | 1.030 | 1.510 | 2.049 |
| SI0008R | lead | pm10 | 4.240 | 2.950 | 6.020 | 7.460 | 3.350 | 3.340 | 4.820 | 2.740 | 2.850 | 6.700 | 2.000 | 3.100 | 4.094 |
| SK0002R | lead | pm10 | 0.581 | 0.563 | 2.271 | 3.260 | 1.972 | 1.819 | 2.376 | 2.331 | 1.513 | 1.465 | 0.379 | 0.543 | 1.593 |
| SK0004R | lead | pm10 | 5.399 | 5.901 | 7.413 | 6.747 | 5.013 | 2.973 | 3.856 | 4.137 | 5.006 | 8.423 | 5.719 | 11.891 | 5.927 |
| SK0006R | lead | pm10 | 15.242 | 7.716 | 8.024 | 6.703 | 5.518 | 3.756 | 7.344 | 6.167 | 5.689 | 7.572 | 9.893 | 19.177 | 8.444 |
| SK0007R | lead | pm10 | 9.082 | 9.354 | 12.984 | 9.964 | 7.269 | 4.439 | 4.294 | 5.521 | 7.390 | 16.876 | 16.137 | 30.187 | 11.026 |
| ES1778R | lithium | pm10 | 0.222 | 0.094 | 0.192 | 0.297 | 0.423 | 0.231 | 0.351 | 0.342 | 0.386 | 0.287 | 0.351 | 0.148 | 0.270 |
| ES1778R | lithium | pm25 | 0.075 | 0.054 | 0.060 | 0.162 | 0.177 | 0.055 | 0.084 | 0.047 | 0.145 | 0.099 | 0.090 | 0.043 | 0.086 |
| CZ0001R | manganese | pm10 | 3.345 | 4.403 | 7.373 | 9.766 | 5.953 | 4.776 | 4.112 | 4.382 | 3.087 | 3.256 | 2.109 | - | 4.970 |
| CZ0003R | manganese | pm10 | 4.209 | 5.756 | 8.126 | 7.019 | 6.599 | 6.838 | 5.097 | 5.089 | 4.031 | 3.549 | 4.586 | 3.548 | 5.332 |
| CZ0003R | manganese | pm25 | 2.214 | 2.268 | 2.917 | 2.358 | 1.839 | 1.856 | 1.197 | 1.448 | 1.437 | 1.725 | 1.651 | 1.410 | 1.892 |
| DE0001R | manganese | aerosol | 1.198 | 2.120 | 4.831 | 4.586 | 2.197 | 2.730 | 1.493 | 2.361 | 1.062 | 2.884 | 1.848 | 2.265 | 2.477 |
| DE0002R | manganese | aerosol | 2.252 | 3.104 | 6.112 | 4.262 | 5.948 | 4.077 | 3.409 | 2.908 | 2.873 | 3.112 | 2.935 | 2.786 | 3.663 |

| Site | Comp | Matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DE0007R | manganese | aerosol | 1.398 | 2.749 | 5.197 | 5.870 | 3.960 | 3.317 | 2.752 | 2.906 | 2.808 | 3.123 | 2.618 | 2.222 | 3.246 |
| DE0008R | manganese | aerosol | 0.666 | 1.008 | 4.454 | 7.863 | 8.701 | 2.801 | 2.899 | 2.449 | 2.542 | 1.848 | 0.915 | 0.725 | 3.139 |
| DE0009R | manganese | aerosol | 1.262 | 2.401 | 2.983 | 4.926 | 2.900 | 2.345 | 1.797 | 2.258 | 1.907 | 1.955 | 1.967 | 1.579 | 2.352 |
| DK0003R | manganese | aerosol | 0.626 | 1.505 | 4.007 | 6.054 | 5.632 | 7.357 | 1.680 | 7.250 | 1.821 | 3.776 | 2.382 | 2.307 | 3.695 |
| DK0005R | manganese | aerosol | 0.564 | 1.512 | 2.694 | 3.741 | 2.080 | 2.395 | 1.203 | 3.023 | 2.057 | 2.298 | 1.810 | 1.696 | 2.084 |
| DK0008R | manganese | aerosol | 0.331 | 1.511 | 2.671 | 2.233 | 1.553 | 2.599 | 1.199 | 2.632 | 1.270 | 2.288 | 1.292 | 1.578 | 1.750 |
| DK0031R | manganese | aerosol | 0.209 | 1.021 | 2.915 | 3.122 | 1.700 | 3.246 | 1.140 | 2.747 | 1.209 | 1.892 | 1.163 | 1.674 | 1.831 |
| ES1778R | manganese | pm10 | 3.993 | 3.096 | 4.153 | 5.451 | 6.981 | 3.958 | 5.459 | 5.774 | 6.783 | 5.420 | 7.126 | 3.442 | 4.970 |
| ES1778R | manganese | pm25 | 1.723 | 2.085 | 1.693 | 3.334 | 3.413 | 1.700 | 2.060 | 1.367 | 3.384 | 2.650 | 2.860 | 1.199 | 2.172 |
| FI0017R | manganese | aerosol | - | - | 2.790 | 2.096 | 2.463 | 4.001 | 2.680 | 3.930 | 3.939 | 5.550 | 1.871 | 1.764 | 2.935 |
| FI0036R | manganese | aerosol | 0.209 | 0.636 | 0.852 | 0.444 | 0.276 | 0.564 | 0.362 | 0.466 | 0.712 | 0.767 | 0.211 | 0.207 | 0.470 |
| FI0037R | manganese | aerosol | - | - | - | 0.873 | 1.163 | 1.423 | 0.799 | 1.567 | 1.924 | 2.933 | 0.542 | 0.556 | 1.255 |
| IS0091R | manganese | aerosol | 2.120 | 25.432 | 2.228 | 2.895 | 17.970 | 12.600 | 3.174 | 12.358 | 20.945 | 4.385 | 6.228 | 6.819 | 9.638 |
| LV0010R | manganese | aerosol | 0.631 | 1.372 | 6.674 | 7.724 | 7.620 | 8.578 | 4.329 | 8.746 | 1.779 | 0.865 | 0.665 | 0.375 | 4.060 |
| LV0016R | manganese | aerosol | 2.214 | 4.408 | 9.174 | 17.581 | 8.784 | 20.570 | 10.872 | 27.035 | 7.196 | 3.408 | 3.469 | 1.959 | 9.884 |
| NO0042G | manganese | aerosol | 0.058 | 0.060 | 0.337 | 0.427 | 0.057 | 0.138 | 0.099 | 0.421 | 0.080 | 0.169 | 0.184 | 0.293 | 0.192 |
| BE0014R | mercury | aerosol | 2.01 | 2.12 | 2.12 | 1.75 | 1.66 | 1.64 | 1.49 | 1.50 | 1.37 | 1.65 | 1.28 | 1.82 | 1.70 |
| CY0002R | mercury | aerosol | 50 | 422 | - | 318 | 379 | 420 | 190 | 400 | - | - | - | - | 295 |
| CZ0003R | mercury | air | 1.15 | 1.13 | 0.79 | 1.22 | 1.03 | 1.22 | - | 0.90 | 0.95 | 1.71 | 1.40 | 1.34 | 1.18 |
| CZ0003R | mercury | pm10 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.02 | 0.01 |
| DE0002R | mercury | air | 1.759 | 1.981 | 1.779 | 1.789 | 1.811 | 1.728 | 1.772 | 1.792 | 1.701 | 1.812 | 1.694 | 1.941 | 1.795 |
| DE0008R | mercury | air | 1.734 | 1.886 | 1.952 | 1.980 | 1.848 | 1.734 | 1.626 | 1.693 | 1.634 | 1.719 | 1.672 | 1.829 | 1.775 |
| DE0009R | mercury | air | 1.857 | 1.808 | 1.785 | 1.678 | 1.647 | 1.446 | 1.497 | 1.419 | 1.470 | 1.740 | 1.668 | 1.770 | 1.648 |
| ES0008R | mercury | pm10 | - | - | - | - | - | - | - | - | - | 0.01 | - | - | 0.01 |
| ES0013R | mercury | pm10 | - | - | - | - | - | - | - | 0.01 | - | - | - | - | - |
| ES0014R | mercury | pm10 | - | - | - | - | - | - | - | - | - | - | 0.01 | - | - |
| ES0016R | mercury | pm10 | - | - | - | - | - | - | - | - | 0.01 | - | - | - | - |
| FI0096G | mercury | aerosol | 0.88 | 1.56 | 0.78 | 0.72 | 0.77 | 7.73 | 2.48 | 1.38 | 3.02 | 1.84 | 1.57 | 0.66 | 1.83 |
| FI0096G | mercury | air+aerosol | 1.48 | 1.59 | 1.43 | 1.35 | 1.31 | 1.36 | 1.33 | 1.57 | 1.24 | 1.31 | 1.53 | 1.46 | 1.41 |
| FR0013R | mercury | air | 1.73 | 1.50 | 1.17 | - | - | - | 1.04 | 1.57 | 1.12 | 0.72 | 0.87 | - | 1.21 |
| GB0013R | mercury | air+aerosol | 1.60 | 1.36 | 1.76 | 1.80 | 1.89 | 1.53 | 0.95 | - | - | - | - | - | 1.62 |
| GB0017R | mercury | air+aerosol | 2.12 | - | - | 1.97 | 2.22 | - | - | - | - | - | - | - | - |
| GB0091R | mercury | air+aerosol | 1.56 | 1.64 | 1.64 | 1.60 | 1.52 | 1.46 | 1.47 | 1.32 | 1.22 | 1.22 | 1.43 | - | 1.47 |
| IE0031R | mercury | air | 1.47 | 1.44 | 1.66 | 1.61 | 1.63 | 1.65 | 1.64 | 1.69 | 1.67 | 1.62 | 1.64 | 1.60 | 1.62 |
| IS0091R | mercury | aerosol | 1.19 | 1.28 | 0.43 | 0.73 | 0.87 | 2.55 | 1.25 | 1.06 | 0.44 | 0.24 | 0.38 | 0.22 | 0.88 |
| NO0001R | mercury | air+aerosol | - | - | - | 1.75 | 1.69 | 1.93 | 2.16 | 1.74 | 1.79 | 1.62 | 1.85 | 1.99 | 1.86 |
| NO0042G | mercury | air | 1.61 | 1.70 | 1.82 | 1.42 | 1.71 | 1.83 | 1.64 | 1.60 | 1.75 | 1.77 | 1.72 | 1.60 | 1.68 |
| PL0005R | mercury | air | 0.64 | 1.06 | 2.20 | 1.33 | 0.88 | 0.95 | 1.05 | 0.99 | 0.85 | 1.13 | 1.02 | 1.58 | 1.15 |
| SE0014R | mercury | aerosol | 3.28 | 9.89 | 10.66 | 4.81 | 6.08 | 5.84 | 5.83 | 5.71 | 4.16 | 8.09 | 6.29 | 5.43 | 6.36 |
| SE0014R | mercury | air+aerosol | 1.44 | 1.73 | 1.59 | 1.56 | 1.52 | 1.49 | 1.63 | 1.53 | 1.59 | 1.54 | 1.55 | 1.42 | 1.55 |

| Site | Comp | Matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AT0002R | nickel | pm10 | 0.782 | 0.879 | 1.414 | 0.995 | 0.820 | 0.704 | 1.071 | 0.497 | 0.590 | 1.325 | 0.641 | 1.374 | 0.917 |
| AT0005R | nickel | pm10 | 0.752 | 0.203 | 0.301 | 0.627 | 0.592 | 0.729 | 0.830 | 0.129 | - | -0.016 | 0.005 | 0.044 | 0.377 |
| AT0048R | nickel | pm10 | 0.106 | 0.280 | 0.424 | 0.604 | 0.322 | 0.513 | 0.457 | 0.270 | 0.746 | 0.436 | 0.202 | 0.184 | 0.374 |
| BE0014R | nickel | aerosol | 4.427 | 4.824 | 7.444 | 12.687 | 7.385 | 7.931 | 5.947 | 5.786 | 4.932 | 8.102 | 4.633 | 3.898 | 6.620 |
| CY0002R | nickel | aerosol | 0.358 | 1.689 | 0.363 | 1.187 | 3.496 | 0.376 | 0.228 | 0.224 | 0.351 | 0.062 | 0.322 | 0.893 | 0.777 |
| CZ0001R | nickel | pm10 | 1.151 | 0.581 | 1.426 | 0.946 | 0.683 | 0.521 | 0.325 | 0.721 | 0.514 | 0.622 | 0.311 | - | 0.726 |
| CZ0003R | nickel | pm10 | 0.501 | 0.366 | 0.792 | 0.824 | 0.470 | 0.513 | 0.418 | 0.261 | 0.412 | 0.331 | 0.506 | 0.567 | 0.497 |
| CZ0003R | nickel | pm25 | 0.473 | 0.216 | 0.406 | 0.432 | 0.235 | 0.141 | 0.276 | 0.690 | 0.231 | 0.532 | 0.305 | 0.421 | 0.368 |
| DE0001R | nickel | aerosol | 1.745 | 1.998 | 2.941 | 2.573 | 1.892 | 1.801 | 1.318 | 1.161 | 0.875 | 2.028 | 0.911 | 1.603 | 1.741 |
| DE0002R | nickel | aerosol | 0.896 | 1.168 | 1.252 | 0.797 | 1.626 | 1.071 | 0.949 | 0.812 | 0.609 | 0.653 | 0.778 | 0.734 | 0.947 |
| DE0003R | nickel | aerosol | 0.482 | 0.673 | 0.687 | 1.128 | 0.894 | 0.727 | 0.706 | 0.663 | 0.824 | 0.807 | 0.212 | 0.160 | 0.663 |
| DE0007R | nickel | aerosol | 0.549 | 1.133 | 1.279 | 1.032 | 0.870 | 0.885 | 0.798 | 0.664 | 0.745 | 0.955 | 0.895 | 0.959 | 0.895 |
| DE0008R | nickel | aerosol | 0.411 | 0.648 | 0.725 | 0.915 | 0.732 | 0.455 | 0.519 | 0.400 | 0.962 | 0.462 | 0.234 | 0.160 | 0.554 |
| DE0009R | nickel | aerosol | 1.553 | 1.731 | 2.548 | 2.719 | 2.959 | 4.045 | 1.835 | 2.193 | 1.239 | 1.360 | 0.928 | 1.148 | 2.026 |
| DK0003R | nickel | aerosol | 0.308 | 0.949 | 1.266 | 0.907 | 0.731 | 1.045 | 0.657 | 1.399 | 0.563 | 1.204 | 0.830 | 1.290 | 0.934 |
| DK0005R | nickel | aerosol | 0.538 | 1.417 | 2.107 | 2.471 | 2.350 | 2.764 | 0.969 | 2.874 | 1.291 | 1.540 | 1.072 | 1.594 | 1.726 |
| DK0008R | nickel | aerosol | 0.353 | 0.849 | 1.611 | 1.556 | 1.286 | 1.592 | 1.147 | 1.893 | 1.018 | 1.301 | 1.001 | 1.650 | 1.272 |
| DK0031R | nickel | aerosol | 0.179 | 0.662 | 1.061 | 1.024 | 1.327 | 1.680 | 0.926 | 1.360 | 0.603 | 1.010 | 0.749 | 1.236 | 0.984 |
| EE0009R | nickel | aerosol | 1.568 | 2.904 | 1.990 | 2.013 | 2.113 | 1.603 | 1.726 | 2.406 | 1.767 | 2.180 | 2.040 | 3.281 | 2.129 |
| ES0008R | nickel | pm10 | - | - | 1.012 | 5.319 | 9.198 | 1.475 | 0.524 | 1.924 | 1.950 | 2.043 | 0.967 | 1.130 | 2.529 |
| ES0009R | nickel | pm10 | 0.415 | 0.415 | 0.415 | 0.415 | 0.415 | 0.668 | 0.930 | - | 0.415 | 0.415 | 0.415 | 0.596 | 0.494 |
| ES0013R | nickel | pm10 | - | - | - | - | - | - | - | 0.572 | - | - | - | - | - |
| ES0014R | nickel | pm10 | - | - | - | - | - | - | - | - | - | - | 0.415 | - | - |
| ES0016R | nickel | pm10 | - | - | - | - | - | - | - | - | 0.415 | - | - | - | - |
| ES1778R | nickel | pm10 | 0.859 | 1.364 | 0.716 | 0.628 | 1.125 | 1.088 | 2.400 | 1.287 | 1.587 | 1.157 | 1.560 | 1.148 | 1.173 |
| ES1778R | nickel | pm25 | 0.501 | 1.886 | 0.634 | 0.897 | 1.520 | 1.593 | 1.995 | 1.087 | 2.093 | 1.387 | 1.166 | 0.569 | 1.217 |
| FI0017R | nickel | aerosol | - | - | 2.228 | 1.383 | 1.617 | 0.840 | 0.770 | 0.925 | 1.565 | 1.364 | 0.518 | 0.677 | 1.170 |
| FI0036R | nickel | aerosol | 0.404 | 1.123 | 0.559 | 0.120 | 0.250 | 0.131 | 0.465 | 0.149 | 0.413 | 0.251 | 0.106 | 0.128 | 0.335 |
| FI0037R | nickel | aerosol | - | - | - | 0.352 | 0.448 | 0.228 | 0.244 | 0.419 | 0.712 | 0.753 | 0.167 | 0.348 | 0.391 |
| FR0013R | nickel | aerosol | 1.097 | 0.879 | 0.336 | 0.911 | 0.728 | 0.702 | 0.878 | 0.814 | 1.045 | 1.650 | 1.268 | 1.320 | 0.951 |
| GB0013R | nickel | pm10 | 0.381 | 0.473 | 0.804 | 2.868 | 0.540 | 1.066 | 0.243 | 0.593 | 0.310 | 1.948 | 0.404 | 2.768 | 0.989 |
| GB0017R | nickel | pm10 | 0.740 | 3.468 | 3.575 | 1.150 | 0.603 | 1.666 | 0.862 | 1.913 | - | - | - | - | 1.673 |
| GB0091R | nickel | pm10 | 0.664 | 0.268 | 0.171 | 0.386 | 0.087 | 0.482 | 0.091 | 0.184 | 0.185 | 0.659 | 0.085 | 0.530 | 0.317 |
| GB0091R | nickel | pm10 | 0.664 | 0.268 | 0.171 | 0.386 | 0.087 | 0.482 | 0.091 | 0.184 | 0.185 | 0.659 | 0.085 | 0.530 | 0.317 |
| IS0091R | nickel | aerosol | 3.053 | 4.493 | 4.507 | 9.625 | 1.560 | 3.000 | 1.078 | 4.438 | 5.795 | 4.172 | 7.006 | 5.745 | 4.513 |
| LV0010R | nickel | aerosol | 0.390 | 0.652 | 1.018 | 0.409 | 0.841 | 1.062 | 0.997 | 0.938 | 0.174 | 0.080 | 0.177 | 0.397 | 0.597 |
| LV0016R | nickel | aerosol | 0.414 | 0.969 | 0.873 | 0.623 | 0.662 | 1.110 | 1.118 | 1.098 | 0.248 | 0.330 | 0.558 | 0.261 | 0.691 |
| NL0008R | nickel | aerosol | 1.193 | 2.070 | 4.535 | 2.747 | 1.101 | 1.533 | 1.820 | 0.743 | 1.254 | 1.360 | 2.127 | 1.810 | 1.974 |
| NL0009R | nickel | aerosol | 1.078 | 1.354 | 1.832 | 2.341 | 1.711 | 1.718 | 1.210 | 1.413 | 1.463 | 1.216 | 1.244 | 1.604 | 1.539 |
| NL0010R | nickel | aerosol | - | - | - | - | 1.056 | 1.465 | 1.464 | 0.954 | 0.723 | 1.164 | 0.975 | 0.995 | 1.131 |

| Site | Comp | Matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO0001R | nickel | pm10 | 0.312 | 0.908 | 0.702 | 0.913 | 0.527 | 0.495 | 0.347 | 0.730 | 0.250 | 0.502 | 0.204 | 1.411 | 0.608 |
| NO0042G | nickel | aerosol | 0.053 | 0.044 | 0.066 | 0.148 | 0.036 | 0.122 | 0.027 | 0.272 | 0.010 | 0.031 | 0.040 | 0.090 | 0.081 |
| PL0005R | nickel | pm10 | 0.311 | 0.855 | 1.043 | 0.190 | 0.525 | 0.383 | 0.456 | 0.474 | 1.451 | 0.575 | 0.842 | 1.202 | 0.688 |
| SE0014R | nickel | aerosol | 0.829 | 2.408 | 17.720 | 2.512 | 1.346 | 1.310 | 1.207 | 1.017 | 0.660 | 1.078 | 0.560 | 0.924 | 2.654 |
| SI0008R | nickel | pm10 | 5.960 | 2.250 | 2.740 | 3.060 | 3.483 | 5.360 | 5.620 | 3.040 | 4.540 | 5.075 | 2.140 | 1.260 | 3.708 |
| SK0002R | nickel | pm10 | 0.701 | 0.571 | 0.489 | 0.645 | 0.262 | 0.444 | 0.315 | 0.228 | 0.598 | 0.138 | 0.158 | 0.671 | 0.432 |
| SK0004R | nickel | pm10 | 0.379 | 0.337 | 0.842 | 0.459 | 0.452 | 0.417 | 0.322 | 0.302 | 0.479 | 0.237 | 0.184 | 0.855 | 0.442 |
| SK0006R | nickel | pm10 | 0.826 | 0.597 | 0.620 | 0.559 | 0.538 | 0.608 | 0.433 | 0.571 | 0.656 | 0.273 | 0.326 | 1.005 | 0.577 |
| SK0007R | nickel | pm10 | 1.985 | 1.687 | 1.186 | 1.210 | 1.133 | 1.067 | 0.663 | 0.579 | 0.578 | 0.739 | 1.208 | 1.802 | 1.144 |
| ES1778R | rubidium | pm10 | 0.317 | 0.201 | 0.403 | 0.565 | 0.749 | 0.470 | 0.688 | 0.652 | 0.729 | 0.531 | 0.657 | 0.303 | 0.498 |
| ES1778R | rubidium | pm25 | 0.150 | 0.139 | 0.163 | 0.321 | 0.320 | 0.150 | 0.194 | 0.124 | 0.316 | 0.201 | 0.231 | 0.130 | 0.195 |
| DK0003R | selenium | aerosol | 0.113 | 0.256 | 0.330 | 0.312 | 0.265 | 0.274 | 0.316 | 0.435 | 0.303 | 0.388 | 0.323 | 0.332 | 0.305 |
| DK0005R | selenium | aerosol | 0.209 | 0.372 | 0.378 | 0.332 | 0.301 | 0.337 | 0.309 | 0.556 | 0.440 | 0.471 | 0.417 | 0.465 | 0.384 |
| DK0008R | selenium | aerosol | 0.109 | 0.210 | 0.299 | 0.248 | 0.260 | 0.233 | 0.334 | 0.403 | 0.335 | 0.414 | 0.297 | 0.353 | 0.291 |
| DK0031R | selenium | aerosol | 0.120 | 0.243 | 0.350 | 0.359 | 0.337 | 0.304 | 0.387 | 0.546 | 0.337 | 0.437 | 0.322 | 0.365 | 0.344 |
| ES1778R | selenium | pm10 | 0.122 | 0.109 | 0.157 | 0.241 | 0.281 | 0.266 | 0.276 | 0.215 | 0.287 | 0.236 | 0.220 | 0.332 | 0.212 |
| ES1778R | selenium | pm25 | 0.054 | 0.087 | 0.176 | 0.157 | 0.224 | 0.133 | 0.129 | 0.160 | 0.199 | 0.179 | 0.171 | 0.238 | 0.168 |
| ES1778R | strontium | pm10 | 1.330 | 0.699 | 1.383 | 2.475 | 3.333 | 1.576 | 2.277 | 2.691 | 2.329 | 1.627 | 1.969 | 1.063 | 1.848 |
| ES1778R | strontium | pm25 | 1.124 | 0.528 | 0.464 | 1.270 | 1.456 | 0.498 | 0.580 | 0.451 | 0.968 | 0.345 | 0.335 | 0.312 | 0.656 |
| ES1778R | thallium | pm10 | 0.023 | 0.037 | 0.035 | 0.017 | 0.035 | 0.048 | 0.033 | 0.026 | 0.065 | 0.040 | 0.056 | 0.053 | 0.036 |
| ES1778R | thallium | pm25 | 0.016 | 0.044 | 0.026 | 0.030 | 0.041 | 0.062 | 0.044 | 0.005 | 0.063 | 0.023 | 0.031 | 0.018 | 0.032 |
| ES1778R | thorium | pm10 | 0.073 | 0.054 | 0.072 | 0.104 | 0.118 | 0.045 | 0.097 | 0.099 | 0.113 | 0.086 | 0.080 | 0.038 | 0.081 |
| ES1778R | thorium | pm25 | 0.054 | 0.053 | 0.037 | 0.067 | 0.070 | 0.034 | 0.030 | 0.019 | 0.059 | 0.045 | 0.030 | 0.023 | 0.042 |
| ES1778R | tin | pm10 | 0.665 | 0.773 | 0.708 | 0.574 | 0.758 | 0.831 | 0.914 | 0.794 | 1.309 | 0.642 | 1.281 | 0.965 | 0.803 |
| ES1778R | tin | pm25 | 0.439 | 0.575 | 0.766 | 0.671 | 0.853 | 0.892 | 0.892 | 0.697 | 1.486 | 0.703 | 0.854 | 0.714 | 0.782 |
| ES1778R | titanium | pm10 | 11.158 | 2.931 | 7.574 | 21.202 | 29.374 | 15.146 | 23.068 | 26.726 | 30.356 | 20.672 | 23.420 | 9.207 | 17.358 |
| ES1778R | titanium | pm25 | 5.120 | 0.010 | 0.639 | 9.492 | 10.847 | 2.704 | 4.928 | 2.993 | 10.437 | 6.586 | 5.459 | 2.428 | 4.721 |
| ES1778R | uranium | pm10 | 0.079 | 0.076 | 0.081 | 0.094 | 0.087 | 0.036 | 0.059 | 0.057 | 0.069 | 0.072 | 0.051 | 0.057 | 0.071 |
| ES1778R | uranium | pm25 | 0.080 | 0.070 | 0.070 | 0.096 | 0.086 | 0.046 | 0.041 | 0.039 | 0.060 | 0.048 | 0.043 | 0.040 | 0.059 |
| DE0001R | vanadium | aerosol | 3.454 | 2.882 | 4.181 | 4.798 | 2.930 | 3.307 | 2.492 | 1.991 | 1.257 | 1.629 | 1.126 | 2.116 | 2.679 |
| DE0002R | vanadium | aerosol | 2.285 | 2.029 | 2.033 | 1.717 | 3.237 | 1.800 | 1.940 | 1.047 | 1.234 | 1.032 | 1.041 | 1.313 | 1.727 |
| DE0003R | vanadium | aerosol | 1.903 | 1.568 | 1.248 | 1.743 | 1.468 | 1.248 | 1.612 | 1.189 | 1.396 | 0.944 | 0.898 | 0.738 | 1.327 |
| Site | Comp | Matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DE0007R | vanadium | aerosol | 0.948 | 1.636 | 1.868 | 1.684 | 1.427 | 1.513 | 1.439 | 1.204 | 0.846 | 1.080 | 0.894 | 1.273 | 1.316 |
| DE0008R | vanadium | aerosol | 2.209 | 1.472 | 1.524 | 1.740 | 1.283 | 1.089 | 1.493 | 0.832 | 1.065 | 0.812 | 0.863 | 0.817 | 1.245 |
| DE0009R | vanadium | aerosol | 2.024 | 3.444 | 4.014 | 4.690 | 4.573 | 5.655 | 2.896 | 2.021 | 1.635 | 1.421 | 1.184 | 1.953 | 2.956 |
| ES1778R | vanadium | pm10 | 2.508 | 2.669 | 2.102 | 2.103 | 3.718 | 3.801 | 4.723 | 4.298 | 4.574 | 3.268 | 4.609 | 2.188 | 3.230 |
| ES1778R | vanadium | pm25 | 1.507 | 2.035 | 1.527 | 2.625 | 3.709 | 4.489 | 4.792 | 2.607 | 4.361 | 2.901 | 1.508 | 1.176 | 2.664 |
| FI0017R | vanadium | aerosol | - | - | 4.800 | 2.729 | 3.168 | 1.593 | 1.576 | 1.757 | 2.970 | 3.171 | 0.960 | 1.246 | 2.325 |
| FI0036R | vanadium | aerosol | 0.426 | 1.465 | 0.656 | 0.144 | 0.315 | 0.151 | 0.242 | 0.258 | 0.372 | 0.373 | 0.209 | 0.232 | 0.397 |
| FI0037R | vanadium | aerosol | - | - | - | 0.476 | 0.661 | 0.358 | 0.421 | 0.748 | 0.895 | 1.267 | 0.400 | 0.542 | 0.620 |
| IS0091R | vanadium | aerosol | 0.573 | 6.303 | 0.615 | 0.635 | 5.185 | 2.975 | 0.965 | 2.716 | 5.140 | 1.047 | 1.564 | 1.980 | 2.446 |
| NO0001R | vanadium | pm10 | 0.213 | 1.095 | 1.128 | 1.444 | 0.795 | 0.865 | 0.693 | 1.402 | 0.429 | 0.813 | 0.347 | 0.438 | 0.805 |
| NO0042G | vanadium | aerosol | 0.072 | 0.061 | 0.086 | 0.117 | 0.035 | 0.055 | 0.087 | 0.060 | 0.040 | 0.036 | 0.056 | 0.073 | 0.063 |
| | | | | | | | | | | | | | | | |
| BE0014R | zinc | aerosol | 41.9 | 51.9 | 44.2 | 43.3 | 30.3 | 33.3 | 55.8 | 38.4 | 49.1 | 44.9 | 35.5 | 32.2 | 42.1 |
| DE0002R | zinc | aerosol | 17.3 | 33.2 | 41.6 | 16.6 | 24.0 | 16.9 | 6.1 | 7.2 | 8.9 | 12.5 | 13.8 | 17.1 | 17.9 |
| DE0003R | zinc | aerosol | 10.7 | 15.8 | 12.1 | 25.9 | 12.8 | 12.3 | 8.5 | 13.0 | 14.0 | 14.7 | 2.4 | 1.8 | 11.9 |
| DE0007R | zinc | aerosol | 13.5 | 36.8 | 25.7 | 14.6 | 8.6 | 8.4 | 6.6 | 7.5 | 9.7 | 19.4 | 17.2 | 16.9 | 15.3 |
| DE0009R | zinc | aerosol | 10.6 | 11.5 | 12.3 | 8.5 | 19.5 | 15.9 | 24.7 | 7.1 | 16.0 | 16.8 | 10.7 | 9.8 | 13.6 |
| DK0003R | zinc | aerosol | 3.4 | 11.5 | 14.8 | 10.4 | 5.7 | 10.7 | 4.7 | 10.4 | 6.8 | 18.8 | 12.6 | 16.0 | 10.6 |
| DK0005R | zinc | aerosol | 3.4 | 13.3 | 14.1 | 9.1 | 5.1 | 9.9 | 4.3 | 11.2 | 8.0 | 12.5 | 11.7 | 13.3 | 9.6 |
| DK0008R | zinc | aerosol | 1.2 | 9.6 | 10.6 | 5.7 | 3.9 | 8.1 | 3.9 | 8.9 | 6.0 | 11.6 | 7.9 | 10.6 | 7.2 |
| DK0031R | zinc | aerosol | 2.3 | 8.4 | 9.9 | 6.9 | 6.6 | 22.8 | 5.7 | 8.4 | 6.9 | 12.7 | 9.4 | 10.5 | 9.3 |
| ES0008R | zinc | pm10 | - | - | 43.4 | 44.3 | 18.2 | 21.4 | 6.8 | 8.7 | 24.0 | 20.7 | 14.3 | 12.9 | 20.7 |
| ES0009R | zinc | pm10 | 3.6 | 2.6 | 5.9 | 2.6 | 2.6 | 4.3 | 5.8 | - | 2.6 | 2.6 | 4.2 | 2.6 | 3.7 |
| ES0013R | zinc | pm10 | - | - | - | - | - | - | - | 4.7 | - | - | - | - | - |
| ES0014R | zinc | pm10 | - | - | - | - | - | - | - | - | - | - | 7.2 | - | - |
| ES0016R | zinc | pm10 | - | - | - | - | - | - | - | - | 5.7 | - | - | - | - |
| ES1778R | zinc | pm10 | 8.7 | 10.2 | 10.9 | 9.6 | 12.4 | 11.0 | 11.0 | 18.4 | 22.7 | 12.2 | 23.0 | 31.4 | 13.4 |
| ES1778R | zinc | pm25 | 7.5 | 10.5 | 10.7 | 12.2 | 15.7 | 12.4 | 12.8 | 13.5 | 26.8 | 9.5 | 18.0 | 13.9 | 13.2 |
| FI0017R | zinc | aerosol | - | - | 17.5 | 7.5 | 8.0 | 6.2 | 5.7 | 9.1 | 20.4 | 28.1 | 10.0 | 10.5 | 11.0 |
| FI0036R | zinc | aerosol | 1.6 | 4.6 | 3.2 | 1.1 | 0.9 | 0.6 | 1.1 | 1.3 | 0.8 | 4.0 | 2.3 | 1.7 | 1.9 |
| FI0037R | zinc | aerosol | - | - | - | 3.2 | 3.8 | 2.9 | 2.4 | 4.1 | 9.6 | 8.2 | 6.6 | 4.5 | 4.8 |
| FR0013R | zinc | aerosol | 18.3 | 9.7 | 5.9 | 9.0 | 7.7 | 6.5 | 7.1 | 4.8 | 10.5 | 14.9 | 13.6 | 8.3 | 9.5 |
| GB0013R | zinc | pm10 | 3.6 | 4.9 | 10.8 | 18.4 | 7.7 | 15.4 | 11.7 | 6.6 | 3.1 | 10.7 | 5.0 | 42.3 | 11.2 |
| GB0017R | zinc | pm10 | 10.2 | 9.7 | 9.1 | 16.5 | 4.9 | 6.2 | 3.0 | 5.6 | - | - | - | - | 7.6 |
| GB0091R | zinc | pm10 | 35.0 | 4.8 | 7.6 | 5.2 | 3.0 | 2.8 | 2.0 | 2.9 | 2.7 | 7.2 | 6.7 | 13.2 | 8.1 |
| GB0091R | zinc | pm10 | 35.0 | 4.8 | 7.6 | 5.2 | 3.0 | 2.8 | 2.0 | 2.9 | 2.7 | 7.2 | 6.7 | 13.2 | 8.1 |
| IS0091R | zinc | aerosol | 4.2 | 5.0 | 4.0 | 3.9 | 3.6 | 5.6 | 3.2 | 11.3 | 2.9 | 1.6 | 2.7 | 13.3 | 5.1 |
| LV0010R | zinc | aerosol | 8.7 | 11.2 | 35.6 | 16.0 | 29.8 | 48.8 | 22.3 | 26.1 | 12.4 | 15.3 | 8.6 | 4.7 | 19.7 |
| LV0016R | zinc | aerosol | 7.8 | 20.0 | 24.0 | 10.2 | 16.5 | 7.6 | 12.9 | 10.9 | 12.1 | 15.1 | 22.6 | 7.1 | 13.7 |

| Site | Comp | Matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NL0008R | zinc | aerosol | 12.1 | 25.5 | 24.4 | 24.1 | 8.0 | 23.9 | 10.3 | 8.8 | 14.0 | 22.3 | 28.1 | 29.6 | 19.4 |
| NL0009R | zinc | aerosol | 19.3 | 28.5 | 29.0 | 29.3 | 11.6 | 17.7 | 13.6 | 12.2 | 14.5 | 17.0 | 18.3 | 24.0 | 19.7 |
| NL0010R | zinc | aerosol | - | - | - | - | 15.5 | 32.2 | 26.0 | 12.3 | 12.3 | 17.7 | 18.0 | 30.5 | 21.4 |
| NO0001R | zinc | pm10 | 1.9 | 8.5 | 7.6 | 4.8 | 2.6 | 5.0 | 1.8 | 3.9 | 2.3 | 7.1 | 2.2 | 3.4 | 4.3 |
| NO0042G | zinc | aerosol | 1.1 | 0.9 | 1.7 | 3.0 | 0.4 | 0.9 | 0.2 | 1.7 | 0.4 | 0.4 | 0.8 | 2.5 | 1.1 |
| PL0005R | zinc | pm10 | 18.6 | 33.1 | 9.0 | 12.8 | 12.0 | 11.8 | 10.5 | 12.2 | 18.3 | 13.9 | 23.3 | 42.6 | 18.9 |
| SK0002R | zinc | pm10 | 1.3 | 1.9 | 4.8 | 8.1 | 5.2 | 4.8 | 5.1 | 5.7 | 3.8 | 4.0 | 2.8 | 2.4 | 4.2 |
| SK0004R | zinc | pm10 | 9.6 | 15.3 | 16.1 | 14.1 | 11.4 | 9.3 | 8.6 | 9.2 | 10.4 | 15.2 | 12.3 | 25.9 | 13.0 |
| SK0006R | zinc | pm10 | 11.2 | 16.1 | 15.2 | 14.1 | 12.0 | 9.0 | 12.2 | 11.7 | 10.4 | 12.5 | 15.3 | 13.4 | 12.6 |
| SK0007R | zinc | pm10 | 17.6 | 20.4 | 22.9 | 20.9 | 17.1 | 11.4 | 11.4 | 11.3 | 13.9 | 27.7 | 28.1 | 32.3 | 19.3 |

# Annex 7

# Monthly mean values for POPs in precipitation

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BE0014R | alpha_HCH | precip | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 |
| BE0014R | gamma_HCH | precip | 0.72 | 0.25 | 0.20 | 0.20 | 0.78 | 0.59 | 0.44 | 0.26 | 0.32 | 0.20 | 0.20 | 0.20 | 0.389 |
| CZ0003R | alpha_HCH | precip | 0.177 | 0.449 | 0.184 | 0.050 | 0.335 | 0.486 | 0.644 | 0.253 | 0.208 | 0.116 | 0.126 | 0.050 | 0.298 |
| CZ0003R | gamma_HCH | precip | 0.206 | 0.739 | 0.444 | 1.1 | 0.428 | 0.623 | 0.788 | 0.569 | 0.354 | 0.146 | 0.334 | 0.112 | 0.468 |
| DE0001R | alpha_HCH | precip | 0.154 | 0.217 | 0.15 | 0.751 | 0.199 | 0.18 | 0.151 | 0.1 | 0.182 | 0.234 | 0.252 | 0.05 | 0.171 |
| DE0003R | alpha_HCH | precip | 0.19 | 0.107 | 0.2 | 0.2 | 0.4 | 0.4 | 0.212 | 0.2 | 0.291 | 0.3 | 0.253 | 0.1 | 0.25 |
| DE0003R | gamma_HCH | precip | 1.271 | 1.014 | 1.2 | 6.383 | 3.084 | 2.8 | 1.403 | 2 | 3.544 | 2.811 | 1.835 | 1.3 | 2.079 |
| DE0008R | alpha_HCH | precip | 0.207 | 0.125 | 0.18 | 0.215 | 0.081 | 0.084 | 0.129 | 0.23 | 0.211 | 0.132 | 0.13 | 0.025 | 0.139 |
| DE0008R | gamma_HCH | precip | 1.47 | 0.728 | 1.1 | 2.255 | 2.539 | 2 | 1.426 | 1.2 | 1.2 | 1.086 | 0.461 | 0.057 | 1.325 |
| DE0009R | alpha_HCH | precip | 0.182 | 0.232 | 0.26 | 0.564 | 0.225 | 0.25 | 0.176 | 0.19 | 0.19 | 0.21 | 0.228 | 0.22 | 0.215 |
| DE0009R | gamma_HCH | precip | 0.797 | 1.017 | 1.26 | 1.732 | 1.607 | 1.23 | 0.8 | 0.66 | 0.596 | 0.982 | 1.888 | 1.04 | 1.061 |
| FI0096G | alpha_HCH | precip+dry_dep | 0 | 0.03 | 0.017 | 0.02 | 0.67 | 0.18 | 0.18 | 0.01 | 0.02 | 0.02 | 0.01 | 0.02 | 0.099 |
| FI0096G | gamma_HCH | precip+dry_dep | 0.02 | 0.08 | 0.055 | 0.03 | 0.64 | 0.08 | 0.15 | 0.02 | 0.02 | 0.17 | 0.03 | 0.02 | 0.109 |
| IS0091R | alpha_HCH | precip | 0.121 | 0.133 | 0.066 | 0.088 | 0.195 | 0.157 | 0.147 | 0.116 | 0.076 | 0.13 | 0.108 | 0.089 | 0.102 |
| IS0091R | beta_HCH | precip | 0.009 | 0.009 | 0.006 | 0.009 | 0.008 | 0.011 | 0.013 | 0.006 | 0.004 | 0.005 | 0.005 | 0.006 | 0.006 |
| IS0091R | gamma_HCH | precip | 0.025 | 0.037 | 0.018 | 0.054 | 0.068 | 0.056 | 0.037 | 0.035 | 0.028 | 0.036 | 0.04 | 0.029 | 0.034 |
| NL0091R | gamma_HCH | precip | 2.100 | 2.117 | 2.018 | 4.372 | 5.619 | 5.529 | 5.118 | 3.813 | 2.662 | 3.043 | 2.339 | 3.006 | 3.328 |
| NO0001R | alpha_HCH | precip | 0.161 | 0.096 | 0.172 | 0.349 | 0.213 | 0.836 | 0.3 | 0.217 | 0.289 | 0.196 | 0.193 | 0.156 | 0.259 |
| NO0001R | gamma_HCH | precip | 0.2 | 0.163 | 0.329 | 0.59 | 0.62 | 0.424 | 0.441 | 0.526 | 0.449 | 0.525 | 0.429 | 0.337 | 0.396 |
| SE0012R | alpha_HCH | precip+dry_dep | 0.01 | 0.01 | 0.08 | 0.05 | 0.23 | 0.15 | 0.111 | 0.3 | 0.1 | 0.15 | 0.07 | 0.039 | 0.079 |
| SE0012R | gamma_HCH | precip+dry_dep | 0.015 | 0.015 | 0.015 | 0.015 | 0.44 | 0.2 | 0.146 | 0.14 | 0.12 | 0.09 | 0.03 | 0.018 | 0.073 |
| SE0014R | alpha_HCH | precip+dry_dep | 0.303 | 0.07 | 0.14 | 0.092 | 0.049 | 0.01 | 0.329 | 0.194 | 0.151 | 0.126 | 0.14 | 0.018 | 0.136 |
| SE0014R | gamma_HCH | precip+dry_dep | 0.634 | 0.161 | 0.37 | 0.165 | 0.12 | 0.01 | 0.675 | 0.454 | 0.183 | 0.273 | 0.3 | 0.038 | 0.283 |
| DE0001R | HCB | precip | 0.014 | 0.035 | 0.017 | 0.172 | 0.044 | 0.027 | 0.036 | 0.047 | 0.023 | 0.035 | 0.076 | 0.01 | 0.033 |
| DE0003R | HCB | precip | 0.012 | 0.04 | 0.034 | 1.966 | 0.046 | 0.1 | 0.097 | 0.061 | 0.022 | 0.024 | 0.059 | 0.099 | 0.079 |
| DE0008R | HCB | precip | 0.367 | 0.038 | 0.024 | 0.143 | 0.212 | 0.057 | 0.028 | 0.023 | 0.072 | 0.055 | 0.066 | 0.11 | 0.101 |
| DE0009R | HCB | precip | 0.039 | 0.074 | 0.032 | 0.218 | 0.083 | 0.052 | 0.102 | 0.069 | 0.174 | 0.05 | 0.062 | 0.015 | 0.073 |
| IS0091R | HCB | precip | 0.017 | 0.017 | 0.007 | 0.006 | 0.018 | 0.016 | 0.007 | 0.006 | 0.009 | 0.005 | 0.006 | 0.007 | 0.008 |
| NO0001R | HCB | precip | 0 | 0 | 0 | 2 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0.582 |
| CZ0003R | acenaphthene | precip | 0.701 | 1.055 | 1.8 | 2.9 | 0.487 | 0.39 | 0.091 | 0.485 | 0.605 | 1.249 | 0.76 | 0.66 | 0.662 |
| CZ0003R | acenaphthylene | precip | 2.077 | 2.433 | 4.969 | 2.3 | 0.335 | 0.263 | 0.221 | 0.329 | 0.392 | 3.597 | 1.95 | 1.857 | 1.307 |
| DE0001R | anthracene | precip | 0.305 | 1.06 | 0.57 | 2.992 | 0.308 | 0.43 | 0.282 | 0.45 | 0.313 | 0.207 | 0.128 | 0.12 | 0.39 |
| DE0003R | anthracene | precip | 0.49 | 0.479 | 1.5 | 3.539 | 0.242 | 0.6 | 0.314 | 0.1 | 0.191 | 0.536 | 1.118 | 1.5 | 0.638 |
| DE0008R | anthracene | precip | 1.874 | 1.182 | 1 | 1.635 | 0.982 | 0.8 | 0.419 | 0.4 | 0.687 | 1.204 | 1.965 | 1.6 | 1.055 |
| DE0009R | anthracene | precip | 0.826 | 6.768 | 1.32 | 5.941 | 0.583 | 0.27 | 0.851 | 0.48 | 0.471 | 0.802 | 0.276 | 0.2 | 1.003 |
| FI0096G | anthracene | precip+dry_dep | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SE0012R | anthracene | precip+dry_dep | 1 | 1 | 1 | 1 | 0 | 1 | 0.222 | 0 | 1 | 1 | 2 | 1.222 | 0.944 |
| SE0014R | anthracene | precip+dry_dep | 1.1 | 1.893 | 0.806 | 0.267 | 0.645 | 0 | 0 | 0 | 0 | 0.323 | 1 | 1 | 0.577 |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CZ0003R | benz_a_anthracene | precip | 2.832 | 4.396 | 7.939 | 8.3 | 0.11 | 0.05 | 0.06 | 0.151 | 0.225 | 9.568 | 3.313 | 4.32 | 2.11 |
| DE0001R | benz_a_anthracene | precip | 0.941 | 3.931 | 0.58 | 1.609 | 0.536 | 0.67 | 0.628 | 0.9 | 1.503 | 1.203 | 1.018 | 0.42 | 1.096 |
| DE0003R | benz_a_anthracene | precip | 2.087 | 3.051 | 5.000 | 14.572 | 0.799 | 0.500 | 0.400 | 0.100 | 0.736 | 3.450 | 9.012 | 4.200 | 2.243 |
| DE0008R | benz_a_anthracene | precip | 9.274 | 8.279 | 5.1 | 2.732 | 1.836 | 1.3 | 0.637 | 1 | 4.154 | 7.928 | 9.427 | 11.8 | 4.752 |
| DE0009R | benz_a_anthracene | precip | 2.604 | 22.672 | 3.4 | 3.141 | 1.402 | 0.63 | 0.618 | 1.71 | 2.916 | 4.251 | 3.177 | 2.38 | 3.071 |
| FI0096G | benz_a_anthracene | precip+dry_dep | 1.000 | 3.000 | 1.727 | 1.000 | 2.000 | 0.000 | 1.000 | 2.000 | 1.000 | 1.000 | 1.000 | 0.000 | 1.155 |
| SE0012R | benz_a_anthracene | precip+dry_dep | 5 | 5 | 6.909 | 6 | 5 | 3 | 1.444 | 3 | 6 | 17 | 21 | 7 | 7.2 |
| SE0014R | benz_a_anthracene | precip+dry_dep | 4.9 | 12.036 | 3.613 | 2.267 | 2.29 | 1 | 1.065 | 2 | 1.767 | 1.968 | 4 | 4 | 3.346 |
| CZ0003R | benzo_a_pyrene | precip | 1.795 | 2.162 | 4.132 | 10.8 | 0.156 | 0.321 | 0.156 | 0.212 | 0.157 | 5.925 | 2.162 | 1.936 | 1.272 |
| DE0003R | benzo_a_pyrene | precip | 2.106 | 3.172 | 4.1 | 13.084 | 0.988 | 0.6 | 0.314 | 0.1 | 0.645 | 3.416 | 8.771 | 3.5 | 2.095 |
| DE0008R | benzo_a_pyrene | precip | 9.66 | 10.724 | 6 | 3.344 | 1.906 | 1.1 | 0.535 | 1.1 | 3.68 | 7.156 | 9.597 | 12.7 | 4.959 |
| DE0009R | benzo_a_pyrene | precip | 2.214 | 18.408 | 3.9 | 3.855 | 1.211 | 1.07 | 0.515 | 1.37 | 2.539 | 3.899 | 2.075 | 1.71 | 2.679 |
| FI0096G | benzo_a_pyrene | precip+dry_dep | 1 | 3 | 1.091 | 1 | 2 | 0 | 0 | 2 | 2 | 1 | 2 | 0 | 1.155 |
| SE0012R | benzo_a_pyrene | precip+dry_dep | 6 | 6 | 9.182 | 6 | 5 | 2 | 1.222 | 4 | 5 | 19 | 16 | 5.889 | 7.264 |
| SE0014R | benzo_a_pyrene | precip+dry_dep | 6.1 | 14.821 | 4.613 | 3.267 | 2.935 | 1 | 2.032 | 3 | 2.533 | 2.613 | 6 | 4.129 | 4.344 |
| CZ0003R | benzo_b_fluoranthene | precip | 3.262 | 5.053 | 8.968 | 10.9 | 0.161 | 0.074 | 0.056 | 0.237 | 0.219 | 18.748 | 7.477 | 7.406 | 3.29 |
| FI0096G | benzo_b_fluoranthene | precip+dry_dep | 1 | 8 | 2.909 | 1 | 5 | 0 | 1 | 1 | 5 | 1 | 3 | 1 | 2.238 |
| SE0014R | benzo_b_fluoranthene | precip+dry_dep | 11 | 26.75 | 7.226 | 4.267 | 3.581 | 1 | 3.903 | 3.839 | 2.767 | 5.226 | 12 | 12 | 7.659 |
| DE0003R | benzo_bjk_fluoranthenes | precip | 11.754 | 18.39 | 24.7 | 29.676 | 3.493 | 3.1 | 1.485 | 0.5 | 3.224 | 17.863 | 51.382 | 19.3 | 11.205 |
| DE0008R | benzo_bjk_fluoranthenes | precip | 40.387 | 48.001 | 25.2 | 12.438 | 6.064 | 3.2 | 2.266 | 3.9 | 15.559 | 40.926 | 47.608 | 55 | 21.728 |
| DE0009R | benzo_bjk_fluoranthenes | precip | 10.317 | 86.867 | 11.8 | 10.113 | 5.573 | 4.2 | 2.19 | 4.8 | 9.733 | 15.326 | 11.146 | 7.5 | 11.571 |
| DE0003R | benzo_ghi_perylene | precip | 4.917 | 7.929 | 8.3 | 13.76 | 1.083 | 0.7 | 0.504 | 0.1 | 0.917 | 5.256 | 14.519 | 5.2 | 3.665 |
| DE0008R | benzo_ghi_perylene | precip | 15.253 | 16.105 | 11.2 | 5.656 | 2.175 | 1.1 | 0.725 | 1.3 | 5.218 | 13.754 | 18.898 | 24.1 | 8.37 |
| DE0009R | benzo_ghi_perylene | precip | 3.136 | 22.989 | 3.81 | 4.147 | 1.094 | 1.2 | 0.569 | 1.35 | 3.013 | 4.675 | 3.492 | 2.5 | 3.26 |
| FI0096G | benzo_ghi_perylene | precip+dry_dep | 1 | 4 | 1.455 | 0 | 2 | 0 | 0 | 1 | 2 | 1 | 2 | 1 | 1.167 |
| SE0012R | benzo_ghi_perylene | precip+dry_dep | 4 | 4 | 4.636 | 5 | 2 | 1 | 0.222 | 2 | 4 | 11 | 6 | 1.333 | 3.912 |
| SE0014R | benzo_ghi_perylene | precip+dry_dep | 1.3 | 3.679 | 0.806 | 0.267 | 0.645 | 0 | 0 | 0 | 0 | 0.323 | 1 | 1 | 0.731 |
| CZ0003R | benzo_k_fluoranthene | precip | 2.636 | 3.868 | 6.553 | 10.300 | 0.132 | 0.050 | 0.061 | 0.237 | 0.197 | 8.030 | 3.418 | 3.323 | 1.893 |
| FI0096G | benzo_k_fluoranthene | precip+dry_dep | 0 | 3 | 1.091 | 1 | 2 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0.821 |
| SE0014R | benzo_k_fluoranthene | precip+dry_dep | 4.6 | 9.25 | 2.806 | 2 | 1.645 | 1 | 1.065 | 1.839 | 1 | 2.29 | 5 | 4.065 | 2.999 |
| CZ0003R | chrysene | precip | 11.766 | 15.236 | 24.26 | 19.3 | 0.69 | 0.123 | 0.104 | 0.455 | 0.558 | 24.62 | 12.395 | 14.532 | 6.972 |
| DE0003R | chrysene_triphenylene | precip | 10.008 | 13.326 | 18.8 | 23.983 | 3.635 | 2.7 | 5.456 | 2.3 | 3.299 | 13.928 | 35.073 | 15.9 | 9.488 |
| DE0008R | chrysene_triphenylene | precip | 26.437 | 30.925 | 15.3 | 7.678 | 5.965 | 4 | 2.106 | 3.1 | 11.032 | 22.453 | 27.5 | 27.5 | 13.697 |
| DE0009R | chrysene_triphenylene | precip | 8.938 | 78.744 | 11.380 | 8.288 | 4.604 | 2.900 | 2.233 | 3.710 | 3.957 | 23.004 | 10.452 | 6.450 | 10.263 |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CZ0003R | dibenzo_ah_anthracene | precip | 0.05 | 0.197 | 0.251 | 0.5 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.606 | 0.306 | 0.086 | 0.13 |
| DE0001R | dibenzo_ah_anthracene | precip | 0.216 | 1.137 | 0.1 | 1.201 | 0.189 | 0.16 | 0.142 | 0.16 | 0.297 | 0.275 | 0.125 | 0.1 | 0.269 |
| DE0003R | dibenzo_ah_anthracene | precip | 0.738 | 1.1 | 1.1 | 2.655 | 0.286 | 0.1 | 0.098 | 0 | 0.091 | 0.925 | 2.175 | 0.8 | 0.553 |
| DE0008R | dibenzo_ah_anthracene | precip | 2.6 | 2.527 | 1.8 | 1.569 | 0.497 | 0.19 | 0.124 | 0.22 | 0.851 | 2.028 | 2.361 | 3 | 1.25 |
| DE0009R | dibenzo_ah_anthracene | precip | 0.627 | 5.287 | 1 | 2.588 | 0.182 | 0.1 | 0.084 | 0.24 | 0.514 | 0.725 | 0.459 | 0.4 | 0.651 |
| BE0014R | dieldrin | precip | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.2 |
| DE0001R | dieldrin | precip | 0.103 | 0.079 | 0.076 | 0.265 | 0.063 | 0.051 | 0.034 | 0.064 | 0.055 | 0.093 | 0.055 | 0.03 | 0.064 |
| DE0003R | dieldrin | precip | 0.096 | 0.128 | 0.23 | 0.243 | 0.155 | 0.1 | 0.076 | 0.059 | 0.169 | 0.138 | 0.3 | 0.17 | 0.141 |
| DE0008R | dieldrin | precip | 0.139 | 0.668 | 6.2 | 2.776 | 0.16 | 0.071 | 0.059 | 0.023 | 0.082 | 0.103 | 0.117 | 0.089 | 0.6 |
| DE0009R | dieldrin | precip | 0.084 | 0.055 | 0.079 | 0.155 | 0.048 | 0.047 | 0.052 | 0.045 | 0.049 | 0.092 | 0.078 | 0.226 | 0.07 |
| IS0091R | dieldrin | precip | 0.046 | 0.056 | 0.047 | 0.035 | 0.051 | 0.045 | 0.037 | 0.023 | 0.02 | 0.038 | 0.033 | 0.031 | 0.034 |
| BE0014R | endrin | precip | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 |
| DE0001R | endrin | precip | 0.006 | 0.006 | 0.008 | 0.091 | 0.005 | 0.005 | 0.006 | 0.014 | 0.005 | 0.062 | 0.036 | 0.012 | 0.013 |
| DE0003R | endrin | precip | 0.028 | 0.006 | 0.02 | 0.101 | 0.007 | 0.004 | 0.004 | 0.019 | 0.02 | 0.076 | 0.033 | 0.022 | 0.016 |
| DE0008R | endrin | precip | 0.029 | 0.038 | 0.046 | 0.21 | 0.087 | 0.006 | 0.011 | 0.028 | 0.015 | 0.054 | 0.018 | 0.026 | 0.031 |
| DE0009R | endrin | precip | 0.006 | 0.013 | 0.007 | 0.087 | 0.003 | 0.003 | 0.004 | 0.02 | 0.015 | 0.009 | 0.026 | 0.019 | 0.01 |
| DE0001R | fluoranthene | precip | 6.947 | 49.150 | 4.700 | 6.225 | 5.512 | 4.600 | 4.630 | 6.200 | 7.843 | 7.218 | 8.463 | 2.900 | 9.729 |
| DE0003R | fluoranthene | precip | 22.677 | 24.027 | 32.1 | 50.587 | 8.429 | 7 | 4.026 | 0.7 | 7.783 | 17.659 | 35.488 | 19.6 | 14.481 |
| DE0008R | fluoranthene | precip | 56.802 | 53.091 | 41.1 | 24.18 | 11.315 | 9.7 | 5.92 | 8.6 | 21.214 | 34.11 | 40.32 | 28 | 24.948 |
| DE0009R | fluoranthene | precip | 15.297 | 120.755 | 26.5 | 28.243 | 9.636 | 6.1 | 6.074 | 10.6 | 13.706 | 27.305 | 26.987 | 14.1 | 19.029 |
| FI0096G | fluoranthene | precip+dry_dep | 4 | 18 | 8.455 | 4 | 13 | 1 | 2 | 4 | 10 | 8 | 6 | 4 | 6.381 |
| SE0012R | fluoranthene | precip+dry_dep | 42 | 42 | 42.636 | 24 | 16 | 13 | 10.667 | 19 | 25 | 42 | 75 | 22.889 | 35.96 |
| SE0014R | fluoranthene | precip+dry_dep | 31.3 | 57.25 | 22.903 | 10.267 | 8.516 | 4 | 8.774 | 8 | 7.533 | 13.742 | 30 | 26.258 | 18.759 |
| CZ0003R | fluorene | precip | 6.221 | 7.717 | 11.33 | 7.6 | 1.329 | 0.999 | 0.786 | 1.439 | 1.913 | 8.718 | 4.304 | 5.159 | 3.633 |
| BE0014R | heptachlor | precip | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| DE0001R | heptachlor | precip | 0.004 | 0.004 | 0.005 | 0.055 | 0.003 | 0.003 | 0.004 | 0.009 | 0.004 | 0.018 | 0.011 | 0.005 | 0.006 |
| DE0003R | heptachlor | precip | 0.017 | 0.003 | 0.002 | 0.058 | 0.003 | 0.001 | 0.001 | 0.006 | 0.006 | 0.028 | 0.011 | 0.003 | 0.005 |
| DE0008R | heptachlor | precip | 0.018 | 0.022 | 0.004 | 0.094 | 0.013 | 0.003 | 0.004 | 0.008 | 0.004 | 0.019 | 0.006 | 0.01 | 0.01 |
| DE0009R | heptachlor | precip | 0.003 | 0.007 | 0.004 | 0.056 | 0.002 | 0.002 | 0.002 | 0.006 | 0.014 | 0.007 | 0.011 | 0.008 | 0.005 |
| DE0001R | inden_123cd_pyrene | precip | 0.964 | 6.983 | 0.570 | 1.345 | 0.436 | 0.380 | 0.415 | 0.770 | 1.391 | 1.469 | 0.701 | 0.650 | 1.298 |
| DE0003R | inden_123cd_pyrene | precip | 4.76 | 7.243 | 7.8 | 10.875 | 0.895 | 0.7 | 0.414 | 0.2 | 0.836 | 4.77 | 13.814 | 4.8 | 3.399 |
| DE0008R | inden_123cd_pyrene | precip | 15.145 | 15.833 | 11.2 | 6.523 | 2.078 | 1 | 0.72 | 1.2 | 5.023 | 13.754 | 16.633 | 22.2 | 7.939 |
| DE0009R | inden_123cd_pyrene | precip | 2.969 | 25.815 | 4.09 | 6.749 | 1.079 | 1.23 | 0.534 | 1.35 | 3.241 | 4.762 | 3.587 | 2.96 | 3.493 |
| FI0096G | inden_123cd_pyrene | precip+dry_dep | 0.000 | 6.000 | 2.182 | 1.000 | 3.000 | 0.000 | 0.000 | 1.000 | 2.000 | 1.000 | 2.000 | 0.000 | 1.321 |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SE0012R | inden_123cd_pyrene | precip+dry_dep | 7 | 7 | 10.182 | 8 | 5 | 3 | 2.222 | 7 | 5 | 29 | 18 | 7.889 | 8.992 |
| SE0014R | inden_123cd_pyrene | precip+dry_dep | 6 | 14.036 | 5.419 | 3.267 | 2.935 | 1 | 1.968 | 2 | 1.767 | 2.613 | 6 | 4.129 | 4.19 |
| CZ0003R | PCB_101 | precip | 0.05 | 0.18 | 0.075 | 0.1 | 0.056 | 0.05 | 0.05 | 0.097 | 0.113 | 0.05 | 0.061 | 0.05 | 0.078 |
| DE0001R | PCB_101 | precip | 0.027 | 0.035 | 0.084 | 0.862 | 0.083 | 0.039 | 0.044 | 0.172 | 0.071 | 0.074 | 0.085 | 0.043 | 0.069 |
| DE0003R | PCB_101 | precip | 0.039 | 0.062 | 0.087 | 0.562 | 0.022 | 0.057 | 0.084 | 0.11 | 0.034 | 0.071 | 0.038 | 0.076 | 0.066 |
| DE0008R | PCB_101 | precip | 0.598 | 0.036 | 0.047 | 0.262 | 0.126 | 0.087 | 0.09 | 0.14 | 0.255 | 0.198 | 0.121 | 0.026 | 0.163 |
| DE0009R | PCB_101 | precip | 0.062 | 0.108 | 0.08 | 1.008 | 0.246 | 0.09 | 0.1 | 0.12 | 0.147 | 0.111 | 0.18 | 0.07 | 0.126 |
| FI0096G | PCB_101 | precip+dry_dep | 0.21 | 0.18 | 0.135 | 0.1 | 0.12 | 0.07 | 0.12 | 0.11 | 0.11 | 0.09 | 0.05 | 0.07 | 0.111 |
| IS0091R | PCB_101 | precip | 0.005 | 0.009 | 0.012 | 0.004 | 0.008 | 0.023 | 0.027 | 0.007 | 0.002 | 0.003 | 0.004 | 0.014 | 0.007 |
| NO0001R | PCB_101 | precip | 0.007 | 0.024 | 0.013 | 0.046 | 0.028 | 0.045 | 0.033 | 0.021 | 0.03 | 0.027 | 0.03 | 0.06 | 0.03 |
| SE0012R | PCB_101 | precip+dry_dep | 0.01 | 0.01 | 0.035 | 0.49 | 0.06 | 0.02 | 0.012 | 0.04 | 0.04 | 0.02 | 0.01 | 0.002 | 0.046 |
| SE0014R | PCB_101 | precip+dry_dep | 0.143 | 0.081 | 0.086 | 0.073 | 0.084 | 0.09 | 0.099 | 0.09 | 0.09 | 0.1 | 0.12 | 0.045 | 0.092 |
| IS0091R | PCB_105 | precip | 0.009 | 0.015 | 0.011 | 0.004 | 0.008 | 0.011 | 0.013 | 0.003 | 0.001 | 0.003 | 0.002 | 0.006 | 0.005 |
| CZ0003R | PCB_118 | precip | 0.05 | 0.126 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.055 |
| DE0001R | PCB_118 | precip | 0.007 | 0.01 | 0.024 | 0.243 | 0.033 | 0.013 | 0.016 | 0.104 | 0.016 | 0.059 | 0.04 | 0.02 | 0.029 |
| DE0003R | PCB_118 | precip | 0.008 | 0.023 | 0.026 | 0.291 | 0.008 | 0.019 | 0.023 | 0.013 | 0.015 | 0.018 | 0.029 | 0.024 | 0.021 |
| DE0008R | PCB_118 | precip | 0.232 | 0.018 | 0.015 | 0.093 | 0.029 | 0.039 | 0.034 | 0.055 | 0.067 | 0.08 | 0.036 | 0.018 | 0.057 |
| DE0009R | PCB_118 | precip | 0.031 | 0.059 | 0.037 | 0.407 | 0.087 | 0.02 | 0.038 | 0.04 | 0.052 | 0.019 | 0.04 | 0.03 | 0.044 |
| FI0096G | PCB_118 | precip+dry_dep | 0.150 | 0.130 | 0.092 | 0.080 | 0.110 | 0.060 | 0.070 | 0.070 | 0.070 | 0.050 | 0.040 | 0.060 | 0.08 |
| IS0091R | PCB_118 | precip | 0.018 | 0.015 | 0.02 | 0.006 | 0.008 | 0.011 | 0.013 | 0.003 | 0.001 | 0.006 | 0.005 | 0.011 | 0.008 |
| NO0001R | PCB_118 | precip | 0.003 | 0.011 | 0.009 | 0.035 | 0.018 | 0.304 | 0.081 | 0.026 | 0.028 | 0.029 | 0.021 | 0.024 | 0.035 |
| SE0012R | PCB_118 | precip+dry_dep | 0.01 | 0.01 | 0.023 | 0.23 | 0.03 | 0.01 | 0.01 | 0.03 | 0.02 | 0.01 | 0 | 0 | 0.025 |
| SE0014R | PCB_118 | precip+dry_dep | 0.143 | 0.08 | 0.074 | 0.055 | 0.077 | 0.09 | 0.127 | 0.098 | 0.085 | 0.076 | 0.09 | 0.043 | 0.087 |
| CZ0003R | PCB_138 | precip | 0.058 | 0.572 | 0.142 | 0.3 | 0.059 | 0.069 | 0.063 | 0.091 | 0.082 | 0.05 | 0.062 | 0.05 | 0.108 |
| DE0001R | PCB_138 | precip | 0.031 | 0.046 | 0.18 | 1.802 | 0.354 | 0.06 | 0.063 | 0.22 | 0.11 | 0.133 | 0.088 | 0.08 | 0.131 |
| DE0003R | PCB_138 | precip | 0.08 | 0.114 | 0.16 | 0.372 | 0.054 | 0.068 | 0.094 | 0.13 | 0.07 | 0.126 | 0.096 | 0.11 | 0.098 |
| DE0008R | PCB_138 | precip | 0.618 | 0.048 | 0.062 | 0.315 | 0.21 | 0.12 | 0.177 | 0.17 | 0.199 | 0.261 | 0.063 | 0.09 | 0.19 |
| DE0009R | PCB_138 | precip | 0.062 | 0.119 | 0.1 | 1.584 | 0.386 | 0.22 | 0.146 | 0.18 | 0.226 | 0.156 | 0.154 | 0.12 | 0.192 |
| FI0096G | PCB_138 | precip+dry_dep | 0.28 | 0.24 | 0.176 | 0.13 | 0.17 | 0.1 | 0.15 | 0.15 | 0.15 | 0.12 | 0.08 | 0.08 | 0.149 |
| IS0091R | PCB_138 | precip | 0.034 | 0.06 | 0.034 | 0.004 | 0.029 | 0.048 | 0.034 | 0.003 | 0.002 | 0.005 | 0.009 | 0.017 | 0.015 |
| NO0001R | PCB_138 | precip | 0.007 | 0.027 | 0.018 | 0.043 | 0.019 | 0.682 | 0.122 | 0.023 | 0.036 | 0.026 | 0.019 | 0.034 | 0.057 |
| SE0012R | PCB_138 | precip+dry_dep | 0.01 | 0.01 | 0.035 | 0.55 | 0.04 | 0.03 | 0.014 | 0.05 | 0.04 | 0.02 | 0.16 | 0.036 | 0.066 |
| SE0014R | PCB_138 | precip+dry_dep | 0.475 | 0.249 | 0.24 | 0.232 | 0.299 | 0.46 | 0.382 | 0.357 | 0.276 | 0.256 | 0.31 | 0.114 | 0.304 |
| CZ0003R | PCB_153 | precip | 0.481 | 1.607 | 0.532 | 0.3 | 0.242 | 0.151 | 0.124 | 0.254 | 0.263 | 0.106 | 0.11 | 0.142 | 0.326 |
| DE0001R | PCB_153 | precip | 0.049 | 0.034 | 0.14 | 1.402 | 0.289 | 0.05 | 0.063 | 0.25 | 0.104 | 0.123 | 0.077 | 0.06 | 0.117 |
| DE0003R | PCB_153 | precip | 0.043 | 0.078 | 0.11 | 0.571 | 0.051 | 0.09 | 0.096 | 0.13 | 0.042 | 0.185 | 0.052 | 0.1 | 0.088 |
| DE0008R | PCB_153 | precip | 0.464 | 0.049 | 0.055 | 0.312 | 0.163 | 0.099 | 0.166 | 0.14 | 0.236 | 0.305 | 0.134 | 0.07 | 0.175 |
| DE0009R | PCB_153 | precip | 0.072 | 0.129 | 0.11 | 1.437 | 0.329 | 0.18 | 0.143 | 0.15 | 0.205 | 0.093 | 0.134 | 0.1 | 0.171 |
| FI0096G | PCB_153 | precip+dry_dep | 0.26 | 0.22 | 0.169 | 0.12 | 0.18 | 0.1 | 0.14 | 0.14 | 0.15 | 0.12 | 0.07 | 0.09 | 0.144 |
| IS0091R | PCB_153 | precip | 0.024 | 0.029 | 0.020 | 0.006 | 0.008 | 0.024 | 0.041 | 0.003 | 0.002 | 0.004 | 0.006 | 0.015 | 0.01 |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO0001R | PCB_153 | precip | 0.011 | 0.038 | 0.027 | 0.057 | 0.032 | 1.413 | 0.242 | 0.04 | 0.065 | 0.041 | 0.03 | 0.063 | 0.109 |
| SE0012R | PCB_153 | precip+dry_dep | 0.01 | 0.01 | 0.042 | 0.69 | 0.06 | 0.04 | 0.024 | 0.05 | 0.04 | 0.03 | 0.01 | 0.002 | 0.06 |
| SE0014R | PCB_153 | precip+dry_dep | 0.425 | 0.2 | 0.206 | 0.219 | 0.311 | 0.53 | 0.413 | 0.384 | 0.277 | 0.226 | 0.28 | 0.102 | 0.298 |
| IS0091R | PCB_156 | precip | 0.005 | 0.009 | 0.006 | 0.004 | 0.008 | 0.011 | 0.013 | 0.003 | 0.001 | 0.002 | 0.002 | 0.004 | 0.004 |
| CZ0003R | PCB_180 | precip | 0.05 | 0.398 | 0.096 | 0.2 | 0.05 | 0.05 | 0.05 | 0.05 | 0.063 | 0.05 | 0.057 | 0.05 | 0.08 |
| DE0001R | PCB_180 | precip | 0.013 | 0.017 | 0.039 | 0.403 | 0.109 | 0.014 | 0.017 | 0.145 | 0.04 | 0.044 | 0.027 | 0.024 | 0.045 |
| DE0003R | PCB_180 | precip | 0.015 | 0.029 | 0.047 | 0.136 | 0.024 | 0.026 | 0.03 | 0.039 | 0.016 | 0.163 | 0.041 | 0.029 | 0.033 |
| DE0008R | PCB_180 | precip | 0.155 | 0.035 | 0.038 | 0.149 | 0.130 | 0.038 | 0.055 | 0.054 | 0.056 | 0.071 | 0.035 | 0.021 | 0.066 |
| DE0009R | PCB_180 | precip | 0.022 | 0.041 | 0.032 | 0.439 | 0.098 | 0.094 | 0.049 | 0.069 | 0.089 | 0.055 | 0.05 | 0.037 | 0.065 |
| FI0096G | PCB_180 | precip+dry_dep | 0.12 | 0.1 | 0.081 | 0.06 | 0.09 | 0.05 | 0.07 | 0.07 | 0.07 | 0.06 | 0.04 | 0.04 | 0.07 |
| IS0091R | PCB_180 | precip | 0.008 | 0.014 | 0.013 | 0.004 | 0.008 | 0.011 | 0.033 | 0.003 | 0.001 | 0.009 | 0.002 | 0.007 | 0.006 |
| NO0001R | PCB_180 | precip | 0.005 | 0.011 | 0.014 | 0.019 | 0.009 | 0.348 | 0.057 | 0.008 | 0.021 | 0.013 | 0.011 | 0.021 | 0.029 |
| SE0012R | PCB_180 | precip+dry_dep | 0.01 | 0.01 | 0.023 | 0.67 | 0.03 | 0.02 | 0.012 | 0.03 | 0.03 | 0.01 | 0.01 | 0.002 | 0.051 |
| SE0014R | PCB_180 | precip+dry_dep | 0.295 | 0.162 | 0.174 | 0.142 | 0.166 | 0.25 | 0.255 | 0.293 | 0.15 | 0.166 | 0.2 | 0.078 | 0.194 |
| CZ0003R | PCB_28 | precip | 0.05 | 0.07 | 0.052 | 0.1 | 0.058 | 0.05 | 0.05 | 0.06 | 0.06 | 0.05 | 0.063 | 0.05 | 0.057 |
| DE0001R | PCB_28 | precip | 0.077 | 0.045 | 0.067 | 0.687 | 0.134 | 0.038 | 0.043 | 0.143 | 0.093 | 0.078 | 0.052 | 0.065 | 0.079 |
| DE0003R | PCB_28 | precip | 0.037 | 0.047 | 0.048 | 2.404 | 0.026 | 0.069 | 0.136 | 0.18 | 0.065 | 0.071 | 0.166 | 0.5 | 0.142 |
| DE0008R | PCB_28 | precip | 0.619 | 0.079 | 0.077 | 0.275 | 0.188 | 0.250 | 0.109 | 0.280 | 0.242 | 0.214 | 0.085 | 0.050 | 0.203 |
| DE0009R | PCB_28 | precip | 0.093 | 0.176 | 0.260 | 1.733 | 0.201 | 0.060 | 0.264 | 0.240 | 0.240 | 0.224 | 0.134 | 0.100 | 0.188 |
| FI0096G | PCB_28 | precip+dry_dep | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| IS0091R | PCB_28 | precip | 0.01 | 0.018 | 0.004 | 0.007 | 0.016 | 0.022 | 0.194 | 0.048 | 0.018 | 0.024 | 0.055 | 0.023 | 0.026 |
| NO0001R | PCB_28 | precip | 0.008 | 0.017 | 0.007 | 0.051 | 0.02 | 0.104 | 0.038 | 0.014 | 0.017 | 0.012 | 0.014 | 0.021 | 0.027 |
| SE0012R | PCB_28 | precip+dry_dep | 0.01 | 0.01 | 0.042 | 0.11 | 0.11 | 0.02 | 0.012 | 0.06 | 0.08 | 0.01 | 0.01 | 0.002 | 0.031 |
| SE0014R | PCB_28 | precip+dry_dep | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| IS0091R | PCB_31 | precip | 0.007 | 0.014 | 0.003 | 0.005 | 0.012 | 0.017 | 0.161 | 0.039 | 0.015 | 0.02 | 0.04 | 0.019 | 0.021 |
| CZ0003R | PCB_52 | precip | 0.057 | 0.177 | 0.092 | 0.1 | 0.148 | 0.058 | 0.063 | 0.077 | 0.059 | 0.05 | 0.062 | 0.05 | 0.082 |
| DE0001R | PCB_52 | precip | 0.012 | 0.014 | 0.021 | 0.214 | 0.033 | 0.016 | 0.018 | 0.065 | 0.020 | 0.041 | 0.026 | 0.022 | 0.026 |
| DE0003R | PCB_52 | precip | 0.024 | 0.025 | 0.034 | 0.694 | 0.018 | 0.024 | 0.113 | 0.056 | 0.031 | 0.091 | 0.057 | 0.12 | 0.058 |
| DE0008R | PCB_52 | precip | 0.396 | 0.027 | 0.033 | 0.135 | 0.063 | 0.051 | 0.036 | 0.061 | 0.092 | 0.102 | 0.082 | 0.019 | 0.089 |
| DE0009R | PCB_52 | precip | 0.033 | 0.062 | 0.035 | 0.397 | 0.081 | 0.036 | 0.084 | 0.085 | 0.09 | 0.099 | 0.287 | 0.034 | 0.077 |
| FI0096G | PCB_52 | precip+dry_dep | 0.16 | 0.1 | 0.1 | 0.16 | 0.15 | 0.1 | 0.13 | 0.12 | 0.12 | 0.11 | 0.12 | 0.15 | 0.126 |
| IS0091R | PCB_52 | precip | 0.005 | 0.009 | 0.002 | 0.004 | 0.008 | 0.011 | 0.06 | 0.015 | 0.006 | 0.007 | 0.01 | 0.007 | 0.008 |
| NO0001R | PCB_52 | precip | 0.008 | 0.015 | 0.006 | 0.036 | 0.019 | 0.066 | 0.038 | 0.016 | 0.023 | 0.015 | 0.019 | 0.031 | 0.025 |
| SE0012R | PCB_52 | precip+dry_dep | 0.01 | 0.01 | 0.042 | 0.2 | 0.09 | 0.02 | 0.02 | 0.04 | 0.04 | 0.02 | 0.01 | 0.018 | 0.033 |
| SE0014R | PCB_52 | precip+dry_dep | 0.046 | 0.005 | 0.008 | 0.025 | 0.033 | 0.02 | 0.039 | 0.042 | 0.048 | 0.04 | 0.04 | 0.021 | 0.031 |
| CZ0003R | phenanthrene | precip | 45.145 | 40.355 | 66.688 | 42.9 | 5.729 | 3.763 | 3.075 | 5.483 | 6.881 | 47.31 | 26.458 | 29.444 | 19.985 |
| DE0001R | phenanthrene | precip | 10.988 | 45.473 | 6.4 | 14.362 | 5.935 | 5.1 | 5.889 | 7.7 | 9.708 | 7.105 | 11.854 | 4.1 | 10.935 |
| DE0003R | phenanthrene | precip | 14.96 | 17.725 | 21.9 | 219.386 | 10.094 | 10.7 | 11.27 | 1.8 | 10.881 | 18.98 | 41.268 | 44.4 | 18.764 |
| DE0008R | phenanthrene | precip | 69.231 | 43.979 | 39.8 | 22.823 | 15.381 | 21.4 | 12.645 | 21.9 | 24.289 | 42.921 | 75.809 | 75.9 | 36.764 |
| DE0009R | phenanthrene | precip | 14.234 | 83.661 | 20.2 | 22.055 | 9.47 | 5.6 | 28.428 | 10.6 | 11.788 | 26.547 | 29.167 | 10.6 | 19.612 |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FI0096G | phenanthrene | precip+dry_dep | 9 | 17 | 6.818 | 5 | 16 | 2 | 10 | 9 | 9 | 11 | 5 | 9 | 8.548 |
| SE0012R | phenanthrene | precip+dry_dep | 43 | 43 | 36.636 | 23 | 13 | 14 | 9.333 | 12 | 17 | 21 | 53 | 18 | 31.024 |
| SE0014R | phenanthrene | precip+dry_dep | 27.8 | 41.536 | 18.677 | 9 | 7.226 | 4 | 9.548 | 6.161 | 6.767 | 10.839 | 21 | 19.129 | 14.94 |
| BE0014R | pp_DDD | precip | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| CZ0003R | pp_DDD | precip | 0.05 | 0.055 | 0.064 | 0.1 | 0.05 | 0.05 | 0.05 | 0.052 | 0.05 | 0.05 | 0.053 | 0.05 | 0.052 |
| DE0001R | pp_DDD | precip | 0.007 | 0.013 | 0.022 | 0.23 | 0.01 | 0.004 | 0.004 | 0.013 | 0.008 | 0.015 | 0.009 | 0.006 | 0.011 |
| DE0003R | pp_DDD | precip | 0.016 | 0.012 | 0.024 | 0.278 | 0.012 | 0.004 | 0.004 | 0.009 | 0.006 | 0.245 | 0.02 | 0.006 | 0.017 |
| DE0008R | pp_DDD | precip | 0.067 | 0.021 | 0.043 | 0.105 | 0.129 | 0.036 | 0.011 | 0.008 | 0.019 | 0.043 | 0.047 | 0.1 | 0.048 |
| DE0009R | pp_DDD | precip | 0.036 | 0.049 | 0.047 | 0.123 | 0.063 | 0.022 | 0.038 | 0.229 | 0.11 | 0.069 | 0.09 | 0.033 | 0.064 |
| IS0091R | pp_DDD | precip | 0.005 | 0.009 | 0.004 | 0.006 | 0.008 | 0.011 | 0.013 | 0.003 | 0.001 | 0.002 | 0.002 | 0.002 | 0.003 |
| BE0014R | pp_DDE | precip | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| CZ0003R | pp_DDE | precip | 0.050 | 0.098 | 0.202 | 0.400 | 0.054 | 0.050 | 0.071 | 0.076 | 0.066 | 0.106 | 0.101 | 0.121 | 0.086 |
| DE0001R | pp_DDE | precip | 0.009 | 0.014 | 0.02 | 0.206 | 0.01 | 0.006 | 0.013 | 0.042 | 0.024 | 0.018 | 0.012 | 0.009 | 0.016 |
| DE0003R | pp_DDE | precip | 0.026 | 0.016 | 0.035 | 0.345 | 0.014 | 0.018 | 0.014 | 0.017 | 0.009 | 0.19 | 0.087 | 0.2 | 0.044 |
| DE0008R | pp_DDE | precip | 0.28 | 0.023 | 0.09 | 0.119 | 0.122 | 0.052 | 0.031 | 0.012 | 0.062 | 0.173 | 0.068 | 0.23 | 0.096 |
| DE0009R | pp_DDE | precip | 0.059 | 0.129 | 0.1 | 0.342 | 0.166 | 0.044 | 0.06 | 0.102 | 0.131 | 0.131 | 0.367 | 0.03 | 0.104 |
| IS0091R | pp_DDE | precip | 0.005 | 0.009 | 0.004 | 0.004 | 0.008 | 0.011 | 0.013 | 0.003 | 0.001 | 0.002 | 0.002 | 0.002 | 0.003 |
| BE0014R | pp_DDT | precip | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| CZ0003R | pp_DDT | precip | 0.050 | 0.085 | 0.127 | 0.100 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.064 | 0.050 | 0.06 |
| DE0001R | pp_DDT | precip | 0.007 | 0.046 | 0.022 | 0.224 | 0.022 | 0.007 | 0.023 | 0.027 | 0.016 | 0.019 | 0.023 | 0.008 | 0.021 |
| DE0003R | pp_DDT | precip | 0.03 | 0.027 | 0.052 | 0.448 | 0.031 | 0.035 | 0.026 | 0.025 | 0.03 | 0.175 | 0.067 | 0.1 | 0.046 |
| DE0008R | pp_DDT | precip | 0.271 | 0.046 | 0.130 | 0.257 | 0.158 | 0.140 | 0.046 | 0.043 | 0.107 | 0.104 | 0.112 | 0.034 | 0.114 |
| DE0009R | pp_DDT | precip | 0.21 | 0.338 | 0.233 | 0.734 | 0.243 | 0.111 | 0.184 | 1.386 | 0.479 | 0.399 | 0.711 | 0.177 | 0.348 |
| IS0091R | pp_DDT | precip | 0.005 | 0.009 | 0.008 | 0.008 | 0.009 | 0.011 | 0.020 | 0.005 | 0.002 | 0.002 | 0.003 | 0.002 | 0.005 |
| DE0001R | op_DDD | precip | 0.002 | 0.008 | 0.016 | 0.161 | 0.006 | 0.008 | 0.01 | 0.016 | 0.005 | 0.011 | 0.014 | 0.004 | 0.009 |
| DE0003R | op_DDD | precip | 0.012 | 0.012 | 0.021 | 0.105 | 0.003 | 0.003 | 0.001 | 0.006 | 0.003 | 0.177 | 0.017 | 0.019 | 0.012 |
| DE0008R | op_DDD | precip | 0.015 | 0.015 | 0.018 | 0.1 | 0.1 | 0.012 | 0.002 | 0.005 | 0.007 | 0.025 | 0.007 | 0.023 | 0.022 |
| DE0009R | op_DDD | precip | 0.013 | 0.026 | 0.019 | 0.062 | 0.025 | 0.017 | 0.014 | 0.049 | 0.041 | 0.023 | 0.056 | 0.016 | 0.024 |
| DE0001R | op_DDE | precip | 0.003 | 0.002 | 0.006 | 0.063 | 0.001 | 0.002 | 0.006 | 0.013 | 0.005 | 0.012 | 0.007 | 0.004 | 0.005 |
| DE0003R | op_DDE | precip | 0.009 | 0.003 | 0.006 | 0.058 | 0.003 | 0.001 | 0.002 | 0.005 | 0.005 | 0.103 | 0.018 | 0.031 | 0.009 |
| DE0008R | op_DDE | precip | 0.019 | 0.011 | 0.006 | 0.095 | 0.085 | 0.006 | 0.003 | 0.007 | 0.003 | 0.025 | 0.008 | 0.011 | 0.017 |
| DE0009R | op_DDE | precip | 0.006 | 0.012 | 0.005 | 0.029 | 0.004 | 0.005 | 0.006 | 0.016 | 0.017 | 0.007 | 0.036 | 0.007 | 0.009 |
| DE0001R | op_DDT | precip | 0.005 | 0.011 | 0.011 | 0.108 | 0.006 | 0.006 | 0.007 | 0.022 | 0.006 | 0.017 | 0.011 | 0.008 | 0.01 |
| DE0003R | op_DDT | precip | 0.023 | 0.012 | 0.022 | 0.171 | 0.01 | 0.008 | 0.007 | 0.005 | 0.005 | 0.117 | 0.034 | 0.091 | 0.023 |
| DE0008R | op_DDT | precip | 0.081 | 0.029 | 0.022 | 0.177 | 0.111 | 0.032 | 0.014 | 0.007 | 0.025 | 0.038 | 0.059 | 0.014 | 0.043 |
| DE0009R | op_DDT | precip | 0.049 | 0.06 | 0.049 | 0.172 | 0.083 | 0.027 | 0.038 | 0.139 | 0.083 | 0.076 | 0.277 | 0.036 | 0.071 |
| IS0091R | op_DDT | precip | 0.005 | 0.009 | 0.002 | 0.004 | 0.008 | 0.011 | 0.013 | 0.003 | 0.001 | 0.002 | 0.002 | 0.002 | 0.003 |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CZ0003R | pyrene | precip | 38.54 | 39.14 | 56.657 | 54.9 | 5.91 | 3.616 | 4.582 | 11.739 | 10.877 | 48.099 | 25.612 | 24.657 | 19.998 |
| DE0001R | pyrene | precip | 4.167 | 26.801 | 2.8 | 7.035 | 3.181 | 2.9 | 2.751 | 4.8 | 5.256 | 5.146 | 5.53 | 1.4 | 5.778 |
| DE0003R | pyrene | precip | 15.823 | 15.533 | 21.100 | 50.334 | 5.547 | 5.100 | 2.989 | 0.600 | 4.868 | 15.207 | 32.413 | 17.900 | 10.818 |
| DE0008R | pyrene | precip | 41.252 | 34.268 | 28 | 16.22 | 9.27 | 7.3 | 4.565 | 7 | 15.505 | 24.408 | 27.196 | 28.2 | 18.299 |
| DE0009R | pyrene | precip | 10.417 | 76.919 | 18.7 | 18.082 | 7.439 | 5.2 | 4.988 | 9.5 | 12.606 | 21.545 | 20.391 | 9.2 | 13.747 |
| FI0096G | pyrene | precip+dry_dep | 5 | 14 | 5.727 | 5 | 10 | 3 | 4 | 5 | 9 | 7 | 7 | 4 | 6.143 |
| SE0012R | pyrene | precip+dry_dep | 15 | 15 | 18.182 | 12 | 9 | 6 | 4.444 | 9 | 14 | 27 | 36 | 11.111 | 15.744 |
| SE0014R | pyrene | precip+dry_dep | 19.9 | 34.643 | 13.452 | 7.267 | 6.226 | 3 | 6.806 | 6 | 5.533 | 8.839 | 19 | 15.258 | 11.99 |
| IS0091R | trans_CD | precip | 0.004 | 0.005 | 0.003 | 0.003 | 0.004 | 0.006 | 0.013 | 0.003 | 0.001 | 0.002 | 0.002 | 0.002 | 0.003 |
| IS0091R | trans_NO | precip | 0.006 | 0.005 | 0.004 | 0.004 | 0.007 | 0.015 | 0.013 | 0.003 | 0.001 | 0.002 | 0.002 | 0.002 | 0.003 |
| IS0091R | cis_CD | precip | 0.004 | 0.005 | 0.004 | 0.004 | 0.004 | 0.006 | 0.013 | 0.003 | 0.001 | 0.003 | 0.002 | 0.002 | 0.003 |
| BE0014R | precipitation_amount | precip | 42 | 141 | 66 | 3 | 106 | 184 | 212 | 125 | 88 | 66 | 106 | 83 | 1223 |
| CZ0003R | precipitation_amount | precip | 61 | 44 | 45 | 2 | 71 | 35 | 94 | 60 | 113 | 27 | 81 | 32 | 664 |
| DE0001R | precipitation_amount | precip | 89 | 66 | 41 | 5 | 84 | 75 | 89 | 52 | 58 | 38 | 58 | 69 | 723 |
| DE0003R | precipitation_amount | precip | 113 | 152 | 170 | 17 | 249 | 225 | 250 | 145 | 153 | 32 | 91 | 161 | 1757 |
| DE0008R | precipitation_amount | precip | 158 | 85 | 120 | 18 | 183 | 189 | 269 | 93 | 203 | 48 | 171 | 112 | 1649 |
| DE0009R | precipitation_amount | precip | 93 | 45 | 44 | 7 | 89 | 129 | 126 | 58 | 64 | 35 | 39 | 45 | 774 |
| IS0091R | precipitation_amount | precip | 63 | 22 | 100 | 54 | 25 | 19 | 15 | 61 | 161 | 121 | 90 | 121 | 850 |
| NL0091R | precipitation_amount | precip | 63 | 128 | 61 | 5 | 7 | 107 | 105 | 67 | 70 | 70 | 80 | 58 | 822 |
| NO0001R | precipitation_amount | precip | 156 | 145 | 93 | 34 | 129 | 129 | 193 | 149 | 79 | 48 | 107 | 171 | 1430 |

# Annex 8

# Monthly mean values on data for POPs in air

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CZ0003R | alpha_HCH | air+aerosol | 5.55 | 5.113 | 9.575 | 8.55 | 15.44 | 25.563 | 10.138 | 22.71 | 13.8 | 7.025 | 3.625 | 3.575 | 11.105 |
| FI0096G | alpha_HCH | air+aerosol | 5 | 6 | 7.909 | 7 | 9 | 7 | 10 | 11 | 8 | 8 | 6 | 7 | 7.75 |
| IS0091R | alpha_HCH | air+aerosol | 6.037 | 6.002 | 5.956 | 6.765 | 7.578 | 8.908 | 5.659 | 5.84 | 7.045 | 6.7 | 6.294 | 5.809 | 6.551 |
| NO0001R | alpha_HCH | air+aerosol | 5.006 | - | 6.768 | 6.733 | 7.75 | 12.735 | 10.933 | 12.645 | 11.234 | 9.63 | 6.5 | 4.696 | 8.426 |
| NO0042G | alpha_HCH | air+aerosol | 8.3 | 7.408 | 7.635 | 11.417 | 9.136 | 8.626 | 10.219 | 11.167 | 12.015 | 8.916 | 10.167 | 9.216 | 9.518 |
| SE0012R | alpha_HCH | air+aerosol | 2 | 3 | 3 | 3 | 5 | 6 | 2.111 | 6 | - | 4 | 3 | 3 | 3.462 |
| SE0014R | alpha_HCH | air+aerosol | 4 | 4.607 | 5.387 | 5.5 | 4.613 | 7.267 | 9 | 7.871 | 7.067 | 5.548 | 3.867 | 2.065 | 5.577 |
| IS0091R | beta_HCH | air+aerosol | 0.276 | 0.329 | 0.54 | 0.595 | 0.762 | 0.873 | 0.394 | 0.335 | 0.095 | 0.092 | 0.096 | 0.091 | 0.375 |
| CZ0003R | gamma_HCH | air+aerosol | 10.27 | 9.975 | 15.1 | 17.213 | 24.61 | 54.788 | 35.663 | 42.46 | 17.913 | 13.963 | 5.437 | 7.812 | 21.532 |
| FI0096G | gamma_HCH | air+aerosol | 1 | 2 | 2.636 | 2 | 3 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 1.821 |
| IS0091R | gamma_HCH | air+aerosol | 2.168 | 1.998 | 2.476 | 3.11 | 3.172 | 4.224 | 5.238 | 4.627 | 3.385 | 3.032 | 2.492 | 2.228 | 3.2 |
| NO0001R | gamma_HCH | air+aerosol | 1.918 | - | 3.613 | 4.698 | 5.186 | 5.339 | 6.827 | 7.453 | 3.57 | 4.062 | 3.281 | 2.588 | 4.35 |
| NO0042G | gamma_HCH | air+aerosol | 1.718 | 1.488 | 2.076 | 2.14 | 1.58 | 1.264 | 1.375 | 1.43 | 1.563 | 1.208 | 1.541 | 1.444 | 1.585 |
| SE0012R | gamma_HCH | air+aerosol | 0 | 1 | 1 | 1 | 4 | 5 | 2.667 | 4 | - | 2 | 1 | 1 | 1.825 |
| SE0014R | gamma_HCH | air+aerosol | 2.567 | 3 | 2.742 | 4.7 | 6.968 | 6.2 | 7.613 | 3.774 | 3.6 | 2.548 | 2.6 | 0.129 | 3.879 |
| CZ0003R | HCB | air+aerosol | 10.64 | 13.275 | 13.175 | 13 | 8.81 | 6.7 | 3.65 | 5.73 | 5.287 | 5.7 | 12.65 | 15.663 | 9.457 |
| IS0091R | HCB | air+aerosol | 8.203 | 7.484 | 5.169 | 5.14 | 5.501 | 7.069 | 3.951 | 4.4 | 5.435 | 5.233 | 6.534 | 4.852 | 5.697 |
| NO0001R | HCB | air+aerosol | 54.944 | - | 63.883 | 65.944 | 68.805 | 61.119 | 61.506 | 65.892 | 62.741 | 70.037 | 72.561 | 55.625 | 64.087 |
| NO0042G | HCB | air+aerosol | 66.811 | 51.23 | 62.696 | 68.515 | 69.413 | 67.909 | 72.59 | 73.659 | 73.322 | 69.717 | 64.764 | - | 67.402 |
| CZ0003R | acenaphthene | air+aerosol | 0.412 | 0.239 | 0.201 | 0.151 | 0.065 | 0.034 | 0.03 | 0.035 | 0.127 | 0.161 | 0.51 | 1.117 | 0.252 |
| ES0008R | acenaphthene | pm10 | 0.057 | 0.041 | 0.06 | 0.058 | 0.059 | 0.058 | 0.058 | 0.056 | 0.057 | 0.057 | 0.057 | 0.057 | 0.057 |
| ES0009R | acenaphthene | pm10 | - | - | - | - | - | - | 0.053 | - | - | - | - | - | - |
| ES0014R | acenaphthene | pm10 | - | - | - | - | - | - | - | - | - | - | 0.05 | - | - |
| ES0016R | acenaphthene | pm10 | - | - | - | - | - | - | - | - | 0.05 | - | - | - | - |
| NO0042G | acenaphthene | air+aerosol | 0.035 | 0.005 | 0.008 | 0.003 | 0.003 | 0.003 | 0.002 | 0.001 | 0.002 | 0.004 | 0.005 | 0.01 | 0.007 |
| ES0008R | acenaphthylene | pm10 | 0.024 | 0.025 | 0.028 | 0.026 | 0.027 | 0.025 | 0.025 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.025 |
| ES0009R | acenaphthylene | pm10 | - | - | - | - | - | - | 0.021 | - | - | - | - | - | - |
| ES0014R | acenaphthylene | pm10 | - | - | - | - | - | - | - | - | - | - | 0.021 | - | - |
| ES0016R | acenaphthylene | pm10 | - | - | - | - | - | - | - | - | 0.021 | - | - | - | - |
| NO0042G | acenaphthylene | air+aerosol | 0.006 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.003 | 0.002 |
| NO0042G | anthanthrene | air+aerosol | 0.003 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.001 |
| CZ0003R | anthracene | air+aerosol | 0.226 | 0.227 | 0.098 | 0.059 | 0.026 | 0.006 | 0.004 | 0.016 | 0.059 | 0.114 | 0.231 | 0.803 | 0.152 |
| DE0001R | anthracene | air+aerosol | 0.08 | 0.16 | 1.19 | 0.09 | 0.08 | 0.08 | 0.04 | 0.04 | 0.03 | 0.09 | 0.18 | 0.21 | 0.19 |
| DE0003R | anthracene | air+aerosol | 0.04 | 0.03 | 0.03 | 0.01 | 0.05 | 0.02 | 0.09 | 0.03 | 0.03 | 0.02 | 0.02 | 0.04 | 0.034 |
| DE0008R | anthracene | air+aerosol | 0.16 | 0.07 | 0.11 | 0.01 | 0.03 | 0.01 | 0.01 | 0.02 | 0.02 | 0.06 | 0.09 | 0.12 | 0.059 |
| DE0009R | anthracene | air+aerosol | 0.26 | 0.08 | 0.07 | 0.03 | 0.07 | 0.05 | 0.03 | 0.05 | 0.01 | 0.03 | 0.12 | 0.32 | 0.094 |
| ES0008R | anthracene | pm10 | - | - | 0.005 | 0.005 | 0.005 | - | - | - | - | - | - | - | - |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FI0096G | anthracene | air+aerosol | 0.005 | 0.004 | 0.003 | 0.004 | 0.001 | 0.002 | 0.004 | 0.003 | 0.008 | 0.002 | 0.006 | 0.003 | 0.004 |
| GB0014R | anthracene | air+aerosol | 0.047 | 0.047 | 0.047 | 0.42 | 0.42 | 0.42 | 0.26 | 0.26 | 0.26 | 0.19 | 0.19 | 0.19 | 0.23 |
| NO0042G | anthracene | air+aerosol | 0.005 | 0.002 | 0.002 | 0.001 | 0.001 | 0.002 | 0.001 | 0.002 | 0.001 | 0.014 | 0.004 | 0.003 | 0.004 |
| SE0012R | anthracene | air+aerosol | 0.023 | 0.028 | 0.014 | 0.007 | 0.009 | 0 | 0.005 | 0.031 | - | 0.021 | 0.045 | 0.02 | 0.019 |
| SE0014R | anthracene | air+aerosol | 0.011 | 0.063 | 0.015 | 0.008 | 0.005 | 0.004 | 0.004 | 0.003 | 0.005 | 0.016 | 0.02 | 0.018 | 0.014 |
| CZ0003R | benz_a_anthracene | air+aerosol | 0.437 | 0.269 | 0.243 | 0.128 | 0.026 | 0.005 | 0.004 | 0.018 | 0.128 | 0.393 | 0.568 | 1.718 | 0.318 |
| DE0001R | benz_a_anthracene | air+aerosol | 0.03 | 0.11 | 0.51 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.07 | 0.06 | 0.25 | 0.095 |
| DE0003R | benz_a_anthracene | air+aerosol | 0.021 | 0.027 | 0.033 | 0.02 | 0.016 | 0.007 | 0.004 | 0.01 | 0.01 | 0.031 | 0.029 | 0.209 | 0.035 |
| DE0008R | benz_a_anthracene | air+aerosol | 0.06 | 0.04 | 0.16 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.08 | 0.08 | 0.6 | 0.095 |
| DE0009R | benz_a_anthracene | air+aerosol | 0.04 | 0.48 | 0.16 | 0.04 | 0.01 | 0.01 | 0.01 | 0.01 | 0.03 | 0.05 | 0.23 | 0.47 | 0.126 |
| ES0009R | benz_a_anthracene | pm10 | - | - | - | - | - | - | 0.013 | - | - | - | - | - | - |
| ES0014R | benz_a_anthracene | pm10 | - | - | - | - | - | - | - | - | - | - | 0.013 | - | - |
| ES0016R | benz_a_anthracene | pm10 | - | - | - | - | - | - | - | - | 0.013 | - | - | - | - |
| FI0096G | benz_a_anthracene | air+aerosol | 0.004 | 0.018 | 0.013 | 0.002 | 0.003 | 0.002 | 0.004 | 0.003 | 0.008 | 0.003 | 0.027 | 0.004 | 0.007 |
| GB0014R | benz_a_anthracene | air+aerosol | 0.042 | 0.042 | 0.042 | 0.01 | 0.01 | 0.01 | 0.028 | 0.028 | 0.028 | 0.13 | 0.13 | 0.13 | 0.053 |
| NO0042G | benz_a_anthracene | air+aerosol | 0.02 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.011 | 0.004 |
| SE0012R | benz_a_anthracene | air+aerosol | 0.028 | 0.077 | 0.041 | 0.011 | 0.006 | 0 | 0.005 | 0.066 | - | 0.072 | 0.051 | 0.099 | 0.047 |
| SE0014R | benz_a_anthracene | air+aerosol | 0.022 | 0.181 | 0.05 | 0.028 | 0.008 | 0.008 | 0.004 | 0.006 | 0.011 | 0.04 | 0.073 | 0.058 | 0.04 |
| CZ0003R | benzo_a_pyrene | air+aerosol | 0.459 | 0.27 | 0.255 | 0.098 | 0.028 | 0.003 | 0.002 | 0.02 | 0.151 | 0.501 | 0.517 | 1.689 | 0.323 |
| DE0001R | benzo_a_pyrene | air+aerosol | 0.03 | 0.17 | 0.43 | 0.05 | 0.01 | 0.02 | 0.01 | 0.02 | 0.01 | 0.08 | 0.02 | 0.27 | 0.093 |
| DE0003R | benzo_a_pyrene | air+aerosol | 0.034 | 0.057 | 0.05 | 0.043 | 0.022 | 0.013 | 0.007 | 0.006 | 0.016 | 0.043 | 0.038 | 0.238 | 0.047 |
| DE0008R | benzo_a_pyrene | air+aerosol | 0.048 | 0.06 | 0.19 | 0.07 | 0.02 | 0.02 | 0.01 | 0.02 | 0.04 | 0.08 | 0.08 | 0.73 | 0.115 |
| DE0009R | benzo_a_pyrene | air+aerosol | 0.04 | 0.58 | 0.19 | 0.06 | 0.01 | 0.01 | 0.02 | 0.02 | 0.05 | 0.05 | 0.27 | 0.59 | 0.155 |
| EE0009R | benzo_a_pyrene | air+aerosol | 0.155 | 0.300 | 0.113 | 0.051 | 0.024 | 0.020 | 0.005 | 0.009 | 0.039 | 0.068 | 0.163 | 0.220 | 0.096 |
| ES0008R | benzo_a_pyrene | pm10 | 0.021 | 0.02 | 0.028 | 0.019 | 0.025 | 0.019 | 0.018 | 0.021 | 0.018 | 0.027 | 0.018 | 0.019 | 0.021 |
| ES0009R | benzo_a_pyrene | pm10 | - | - | - | - | - | - | 0.016 | - | - | - | - | - | - |
| ES0014R | benzo_a_pyrene | pm10 | - | - | - | - | - | - | - | - | - | - | 0.015 | - | - |
| ES0016R | benzo_a_pyrene | pm10 | - | - | - | - | - | - | - | - | 0.016 | - | - | - | - |
| FI0096G | benzo_a_pyrene | air+aerosol | 0.003 | 0.021 | 0.02 | 0.018 | 0.004 | - | 0.001 | 0.002 | 0.007 | 0.001 | 0.096 | 0.006 | 0.016 |
| GB0014R | benzo_a_pyrene | air+aerosol | 0.047 | 0.047 | 0.047 | 0.014 | 0.014 | 0.014 | 0.018 | 0.018 | 0.018 | 0.11 | 0.11 | 0.11 | 0.047 |
| LV0010R | benzo_a_pyrene | aerosol | 0.05 | 0.25 | 0.08 | 0.07 | 0.025 | 0.008 | 0.007 | 0.006 | 0.02 | 0.17 | 0.68 | 1.11 | 0.206 |
| LV0016R | benzo_a_pyrene | aerosol | 0.11 | 0.08 | 0.1 | 0.06 | 0.06 | 0.03 | 0.006 | 0.012 | 0.04 | 0.09 | 0.11 | 0.3 | 0.083 |
| NO0042G | benzo_a_pyrene | air+aerosol | 0.016 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.003 | 0.013 | 0.003 |
| SE0012R | benzo_a_pyrene | air+aerosol | 0.031 | 0.159 | 0.056 | 0.015 | 0.006 | 0 | 0.009 | 0.059 | - | 0.084 | 0.068 | 0.135 | 0.063 |
| SE0014R | benzo_a_pyrene | air+aerosol | 0.025 | 0.183 | 0.058 | 0.038 | 0.008 | 0.013 | 0.003 | 0.005 | 0.011 | 0.06 | 0.088 | 0.066 | 0.046 |
| NO0042G | benzo_e_pyrene | air+aerosol | 0.032 | 0.004 | 0.004 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.025 | 0.007 |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO0042G | benzo_a_fluoranthene | air+aerosol | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.004 | 0.001 |
| CZ0003R | benzo_b_fluoranthene | air+aerosol | 0.557 | 0.435 | 0.339 | 0.138 | 0.041 | 0.006 | 0.002 | 0.045 | 0.237 | 0.692 | 0.84 | 2.529 | 0.472 |
| ES0008R | benzo_b_fluoranthene | pm10 | 0.024 | 0.024 | 0.031 | 0.024 | 0.028 | 0.02 | 0.023 | 0.024 | 0.022 | 200.021 | 0.022 | 0.024 | 19.255 |
| ES0009R | benzo_b_fluoranthene | pm10 | - | - | - | - | - | - | 0.02 | - | - | - | - | - | - |
| ES0014R | benzo_b_fluoranthene | pm10 | - | - | - | - | - | - | - | - | - | - | 0.019 | - | - |
| ES0016R | benzo_b_fluoranthene | pm10 | - | - | - | - | - | - | - | - | 0.02 | - | - | - | - |
| FI0096G | benzo_b_fluoranthene | air+aerosol | 0.007 | 0.056 | 0.042 | 0.004 | 0.007 | 0.002 | 0.002 | 0.003 | 0.013 | 0.003 | 0.058 | 0.004 | 0.016 |
| SE0014R | benzo_b_fluoranthene | air+aerosol | 0.046 | 0.322 | 0.116 | 0.081 | 0.022 | 0.016 | 0.009 | 0.013 | 0.021 | 0.101 | 0.156 | 0.142 | 0.086 |
| CZ0003R | benzo_k_fluoranthene | air+aerosol | 0.284 | 0.204 | 0.17 | 0.084 | 0.027 | 0.006 | 0.002 | 0.024 | 0.119 | 0.358 | 0.395 | 1.112 | 0.225 |
| ES0008R | benzo_k_fluoranthene | pm10 | 0.011 | 0.011 | 0.018 | 0.009 | 0.015 | 0.012 | 0.01 | 0.01 | 0.009 | 0.017 | 0.009 | 0.011 | 0.012 |
| ES0009R | benzo_k_fluoranthene | pm10 | - | - | - | - | - | - | 0.008 | - | - | - | - | - | - |
| ES0014R | benzo_k_fluoranthene | pm10 | - | - | - | - | - | - | - | - | - | - | 0.008 | - | - |
| ES0016R | benzo_k_fluoranthene | pm10 | - | - | - | - | - | - | - | - | 0.008 | - | - | - | - |
| FI0096G | benzo_k_fluoranthene | air+aerosol | 0.003 | 0.021 | 0.017 | 0.002 | 0.003 | 0.001 | 0.001 | 0.002 | 0.006 | 0.001 | 0.025 | 0.001 | 0.007 |
| SE0014R | benzo_k_fluoranthene | air+aerosol | 0.019 | 0.144 | 0.047 | 0.033 | 0.008 | 0.005 | 0.003 | 0.004 | 0.008 | 0.042 | 0.065 | 0.057 | 0.036 |
| DE0001R | benzo_bjk_fluoranthenes | air+aerosol | 0.13 | 0.73 | 1.77 | 0.22 | 0.08 | 0.06 | 0.06 | 0.08 | 0.03 | 0.31 | 0.24 | 1.34 | 0.421 |
| DE0003R | benzo_bjk_fluoranthenes | air+aerosol | 0.14 | 0.25 | 0.22 | 0.18 | 0.08 | 0.05 | 0.02 | 0.03 | 0.07 | 0.25 | 0.24 | 0.87 | 0.2 |
| DE0008R | benzo_bjk_fluoranthenes | air+aerosol | 0.28 | 0.32 | 0.78 | 0.26 | 0.09 | 0.05 | 0.03 | 0.06 | 0.15 | 0.43 | 0.57 | 2.03 | 0.424 |
| DE0009R | benzo_bjk_fluoranthenes | air+aerosol | 0.21 | 1.94 | 0.81 | 0.29 | 0.07 | 0.04 | 0.06 | 0.07 | 0.19 | 0.25 | 1.28 | 1.95 | 0.587 |
| NO0042G | benzo_bjk_fluoranthenes | air+aerosol | 0.079 | 0.01 | 0.008 | 0.001 | 0.002 | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.016 | 0.071 | 0.016 |
| NO0042G | benzo_ghi_fluoranthene | air+aerosol | 0.02 | 0.005 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.001 | 0.001 | 0.002 | 0.011 | 0.004 |
| NO0042G | benzo_a_fluorene | air+aerosol | 0.009 | 0.002 | 0.001 | 0.007 | 0.001 | 0.002 | 0.001 | 0.002 | 0.001 | 0.001 | 0.002 | 0.009 | 0.003 |
| NO0042G | benzo_b_fluorene | air+aerosol | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.001 | 0.001 | 0.005 | 0.004 | 0.002 |
| DE0001R | benzo_ghi_perylene | air+aerosol | 0.05 | 0.29 | 0.43 | 0.09 | 0.04 | 0.03 | 0.03 | 0.03 | 0.02 | 0.15 | 0.1 | 0.57 | 0.152 |
| DE0003R | benzo_ghi_perylene | air+aerosol | 0.06 | 0.11 | 0.08 | 0.06 | 0.03 | 0.02 | 0.01 | 0.02 | 0.03 | 0.11 | 0.1 | 0.27 | 0.075 |
| DE0008R | benzo_ghi_perylene | air+aerosol | 0.1 | 0.13 | 0.23 | 0.09 | 0.04 | 0.03 | 0.01 | 0.03 | 0.07 | 0.19 | 0.23 | 1.12 | 0.191 |
| DE0009R | benzo_ghi_perylene | air+aerosol | 0.08 | 0.68 | 0.29 | 0.11 | 0.03 | 0.02 | 0.03 | 0.04 | 0.1 | 0.12 | 0.54 | 0.91 | 0.243 |
| ES0008R | benzo_ghi_perylene | pm10 | 0.025 | 0.024 | 0.031 | 0.024 | 0.029 | 0.082 | 0.024 | 0.025 | 0.023 | 0.029 | 0.024 | 0.025 | 0.03 |
| ES0009R | benzo_ghi_perylene | pm10 | - | - | - | - | - | - | 0.02 | - | - | - | - | - | - |
| ES0014R | benzo_ghi_perylene | pm10 | - | - | - | - | - | - | - | - | - | - | 0.02 | - | - |
| ES0016R | benzo_ghi_perylene | pm10 | - | - | - | - | - | - | - | - | 0.02 | - | - | - | - |
| FI0096G | benzo_ghi_perylene | air+aerosol | 0.005 | 0.028 | 0.025 | 0.003 | 0.004 | 0.002 | 0.001 | 0.001 | 0.007 | 0.002 | 0.04 | 0.002 | 0.01 |
| GB0014R | benzo_ghi_perylene | air+aerosol | 0.037 | 0.037 | 0.037 | 0.028 | 0.028 | 0.028 | 0.026 | 0.026 | 0.026 | 0.15 | 0.15 | 0.15 | 0.06 |
| NO0042G | benzo_ghi_perylene | air+aerosol | 0.028 | 0.004 | 0.003 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.004 | 0.019 | 0.005 |
| SE0012R | benzo_ghi_perylene | air+aerosol | 0.041 | 0.121 | 0.04 | 0.013 | 0.005 | 0.001 | 0.011 | 0.053 | - | 0.099 | 0.111 | 0.117 | 0.063 |
| SE0014R | benzo_ghi_perylene | air+aerosol | 0.028 | 0.185 | 0.072 | 0.048 | 0.01 | 0.009 | 0.004 | 0.006 | 0.011 | 0.068 | 0.109 | 0.098 | 0.053 |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO0042G | biphenyl | air+aerosol | 2.004 | 0.862 | 0.837 | 0.169 | 0.082 | 0.054 | 0.024 | 0.022 | 0.094 | 1.01 | 0.886 | 1.288 | 0.635 |
| ES0008R | chrysene | pm10 | 0.016 | 0.016 | 0.022 | 0.015 | 0.018 | 0.015 | 0.015 | 0.015 | 0.014 | 0.017 | 0.014 | 0.015 | 0.016 |
| ES0009R | chrysene | pm10 | - | - | - | - | - | - | 0.012 | - | - | - | - | - | - |
| ES0014R | chrysene | pm10 | - | - | - | - | - | - | - | - | - | - | 0.012 | - | - |
| ES0016R | chrysene | pm10 | - | - | - | - | - | - | - | - | 0.012 | - | - | - | - |
| GB0014R | chrysene | air+aerosol | 0.14 | 0.14 | 0.14 | 0.056 | 0.056 | 0.056 | 0.058 | 0.058 | 0.058 | 0.25 | 0.25 | 0.25 | 0.126 |
| DE0001R | chrysene_triphenylene | air+aerosol | 0.11 | 0.38 | 1.02 | 0.14 | 0.06 | 0.05 | 0.04 | 0.06 | 0.03 | 0.17 | 0.17 | 0.69 | 0.244 |
| DE0003R | chrysene_triphenylene | air+aerosol | 0.09 | 0.13 | 0.12 | 0.11 | 0.05 | 0.03 | 0.01 | 0.05 | 0.03 | 0.12 | 0.1 | 0.45 | 0.108 |
| DE0008R | chrysene_triphenylene | air+aerosol | 0.21 | 0.19 | 0.44 | 0.13 | 0.05 | 0.03 | 0.02 | 0.07 | 0.08 | 0.17 | 0.25 | 1.06 | 0.226 |
| DE0009R | chrysene_triphenylene | air+aerosol | 0.15 | 0.89 | 0.42 | 0.16 | 0.05 | 0.03 | 0.04 | 0.05 | 0.09 | 0.13 | 0.44 | 0.7 | 0.258 |
| FI0096G | chrysene_triphenylene | air+aerosol | 0.038 | 0.055 | 0.04 | 0.008 | 0.011 | - | 0.003 | 0.006 | 0.019 | 0.006 | 0.073 | 0.004 | 0.023 |
| NO0042G | chrysene_triphenylene | air+aerosol | 0.066 | 0.009 | 0.007 | 0.001 | 0.002 | 0.002 | 0.001 | 0.002 | 0.001 | 0.002 | 0.011 | 0.039 | 0.012 |
| SE0014R | chrysene_triphenylene | air+aerosol | 0.066 | 0.349 | 0.128 | 0.093 | 0.033 | 0.032 | 0.012 | 0.017 | 0.027 | 0.073 | 0.151 | 0.158 | 0.093 |
| IS0091R | cis_CD | air+aerosol | 0.314 | 0.413 | 0.431 | 0.43 | 0.325 | 0.38 | 0.435 | 0.399 | 0.37 | 0.395 | 0.378 | 0.348 | 0.386 |
| NO0042G | cis_CD | air+aerosol | 0.82 | 0.573 | 0.575 | 0.457 | 0.551 | 0.448 | 0.506 | 0.434 | 0.432 | 0.429 | 0.845 | 0.516 | 0.554 |
| NO0042G | cis_NO | air+aerosol | 0.345 | 0.027 | 0.028 | 0.081 | 0.088 | 0.067 | 0.081 | 0.077 | 0.079 | 0.075 | 0.189 | 0.038 | 0.101 |
| IS0091R | trans_CD | air+aerosol | 0.595 | 0.468 | 0.54 | 0.53 | 0.422 | 0.456 | 0.12 | 0.107 | 0.095 | 0.092 | 0.096 | 0.207 | 0.307 |
| NO0042G | trans_CD | air+aerosol | 0.441 | 0.319 | 0.312 | 0.215 | 0.124 | 0.077 | 0.106 | 0.093 | 0.087 | 0.171 | 0.318 | 0.242 | 0.215 |
| IS0091R | trans_NO | air+aerosol | 0.431 | 0.362 | 0.45 | 0.46 | 0.347 | 0.348 | 0.41 | 0.345 | 0.29 | 0.335 | 0.338 | 0.335 | 0.371 |
| NO0042G | trans_NO | air+aerosol | 0.932 | 0.47 | 0.512 | 0.526 | 0.559 | 0.336 | 0.378 | 0.314 | 0.346 | 0.454 | 0.64 | 0.516 | 0.502 |
| NO0042G | coronene | air+aerosol | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.006 | 0.002 |
| NO0042G | cyclopenta_cd_pyrene | air+aerosol | 0.006 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.004 | 0.002 |
| NO0042G | dibenzo_ac_ah_anthracenes | air+aerosol | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.001 |
| DE0001R | dibenzo_ah_anthracene | air+aerosol | 0.01 | 0.05 | 0.13 | 0.02 | 0.01 | 0 | 0 | 0 | 0 | 0.02 | 0.01 | 0.07 | 0.027 |
| DE0003R | dibenzo_ah_anthracene | air+aerosol | 0.01 | 0.014 | 0.015 | 0.01 | 0.005 | 0.002 | 0.002 | 0.002 | 0.004 | 0.013 | 0.011 | 0.05 | 0.012 |
| DE0008R | dibenzo_ah_anthracene | air+aerosol | 0.02 | 0.02 | 0.05 | 0.02 | 0.01 | 0 | 0 | 0 | 0.01 | 0.03 | 0.03 | 0.12 | 0.026 |
| DE0009R | dibenzo_ah_anthracene | air+aerosol | 0.01 | 0.13 | 0.06 | 0.02 | 0 | 0 | 0 | 0 | 0.01 | 0.02 | 0.07 | 0.12 | 0.036 |
| ES0008R | dibenzo_ah_anthracene | pm10 | 0.03 | 0.03 | 0.032 | 0.03 | 0.031 | 0.03 | 0.03 | 0.03 | 0.03 | 0.031 | 0.03 | 0.03 | 0.03 |
| ES0009R | dibenzo_ah_anthracene | pm10 | - | - | - | - | - | - | 0.027 | - | - | - | - | - | - |
| ES0014R | dibenzo_ah_anthracene | pm10 | - | - | - | - | - | - | - | - | - | - | 0.026 | - | - |
| ES0016R | dibenzo_ah_anthracene | pm10 | - | - | - | - | - | - | - | - | 0.026 | - | - | - | - |
| NO0042G | dibenzo_ae_pyrene | air+aerosol | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.001 | 0.001 |
| NO0042G | dibenzo_ah_pyrene | air+aerosol | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.154 | 0.001 | 0.02 |
| NO0042G | dibenzo_ai_pyrene | air+aerosol | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO0042G | dibenzofuran | air+aerosol | 2.181 | 1.075 | 1.692 | 0.239 | 0.064 | 0.056 | 0.035 | 0.043 | 0.154 | 0.326 | 0.74 | 1.427 | 0.63 |
| NO0042G | dibenzothiophene | air+aerosol | 0.036 | 0.015 | 0.019 | 0.003 | 0.002 | 0.005 | 0.004 | 0.003 | 0.003 | 0.003 | 0.01 | 0.019 | 0.01 |
| IS0091R | dieldrin | air+aerosol | 0.61 | 0.595 | 0.747 | 0.88 | 0.845 | 1.025 | 1.151 | 0.933 | 0.84 | 0.845 | 0.742 | 0.686 | 0.829 |
| CZ0003R | fluoranthene | air+aerosol | 2.434 | 1.89 | 1.574 | 0.988 | 0.387 | 0.202 | 0.103 | 0.334 | 0.858 | 1.711 | 2.948 | 5.908 | 1.578 |
| DE0001R | fluoranthene | air+aerosol | 0.36 | 1.53 | 2.89 | 1.08 | 0.67 | 0.99 | 0.47 | 0.37 | 0.27 | 0.75 | 0.5 | 1.4 | 0.938 |
| DE0003R | fluoranthene | air+aerosol | 0.32 | 0.47 | 0.37 | 0.3 | 0.25 | 0.14 | 0.24 | 0.26 | 0.22 | 0.39 | 0.41 | 0.65 | 0.335 |
| DE0008R | fluoranthene | air+aerosol | 0.89 | 0.71 | 1.08 | 0.38 | 0.3 | 0.09 | 0.15 | 0.2 | 0.23 | 0.69 | 0.73 | 2.2 | 0.64 |
| DE0009R | fluoranthene | air+aerosol | 0.65 | 2.44 | 1.03 | 0.42 | 0.33 | 0.25 | 0.31 | 0.28 | 0.19 | 0.37 | 1.01 | 1.88 | 0.752 |
| FI0096G | fluoranthene | air+aerosol | 0.08 | 0.31 | 0.176 | 0.04 | 0.06 | 0.02 | 0.05 | 0.03 | 0.07 | 0.04 | 0.29 | 0.1 | 0.099 |
| GB0014R | fluoranthene | air+aerosol | 0.78 | 0.78 | 0.78 | 0.62 | 0.62 | 0.62 | 0.67 | 0.67 | 0.67 | 1.3 | 1.3 | 1.3 | 0.843 |
| NO0042G | fluoranthene | air+aerosol | 0.17 | 0.026 | 0.038 | 0.007 | 0.012 | 0.011 | 0.008 | 0.011 | 0.01 | 0.008 | 0.029 | 0.111 | 0.036 |
| SE0012R | fluoranthene | air+aerosol | 0.47 | 0.7 | 0.48 | 0.19 | 0.11 | 0 | 0.109 | 0.39 | - | 0.53 | 0.98 | 1.08 | 0.494 |
| SE0014R | fluoranthene | air+aerosol | 0.326 | 1.312 | 0.472 | 0.345 | 0.152 | 0.129 | 0.074 | 0.086 | 0.117 | 0.315 | 0.517 | 0.585 | 0.362 |
| CZ0003R | fluorene | air+aerosol | 3.466 | 3.006 | 2.207 | 1.563 | 0.629 | 0.345 | 0.171 | 0.42 | 1.102 | 1.724 | 4.292 | 9.142 | 2.29 |
| ES0008R | fluorene | pm10 | 0.015 | - | 0.009 | 0.006 | 0.009 | 0.009 | 0.007 | 0.015 | 0.015 | 0.015 | 0.015 | 0.015 | 0.012 |
| ES0009R | fluorene | pm10 | - | - | - | - | - | - | 0.015 | - | - | - | - | - | - |
| ES0014R | fluorene | pm10 | - | - | - | - | - | - | - | - | - | - | 0.002 | - | - |
| ES0016R | fluorene | pm10 | - | - | - | - | - | - | - | - | 0.002 | - | - | - | - |
| NO0042G | fluorene | air+aerosol | 0.997 | 0.318 | 0.486 | 0.024 | 0.024 | 0.037 | 0.022 | 0.02 | 0.045 | 0.084 | 0.232 | 0.631 | 0.235 |
| CZ0003R | inden_123cd_pyrene | air+aerosol | 0.45 | 0.304 | 0.221 | 0.036 | 0.009 | 0.002 | 0.002 | 0.03 | 0.203 | 0.664 | 0.666 | 2.019 | 0.371 |
| DE0001R | inden_123cd_pyrene | air+aerosol | 0.05 | 0.31 | 0.62 | 0.11 | 0.05 | 0.03 | 0.03 | 0.04 | 0.02 | 0.14 | 0.09 | 0.53 | 0.168 |
| DE0003R | inden_123cd_pyrene | air+aerosol | 0.06 | 0.12 | 0.11 | 0.07 | 0.04 | 0.02 | 0.01 | 0.01 | 0.03 | 0.12 | 0.1 | 0.32 | 0.084 |
| DE0008R | inden_123cd_pyrene | air+aerosol | 0.1 | 0.14 | 0.3 | 0.11 | 0.05 | 0.03 | 0.02 | 0.03 | 0.09 | 0.19 | 0.24 | 0.97 | 0.19 |
| DE0009R | inden_123cd_pyrene | air+aerosol | 0.09 | 0.83 | 0.38 | 0.14 | 0.03 | 0.02 | 0.03 | 0.04 | 0.11 | 0.13 | 0.53 | 0.88 | 0.263 |
| ES0008R | inden_123cd_pyrene | pm10 | 0.029 | 0.029 | 0.03 | 0.028 | 0.029 | 0.028 | 0.028 | 0.029 | 0.028 | 0.033 | 0.028 | 0.029 | 0.029 |
| ES0009R | inden_123cd_pyrene | pm10 | - | - | - | - | - | - | 0.025 | - | - | - | - | - | - |
| ES0014R | inden_123cd_pyrene | pm10 | - | - | - | - | - | - | - | - | - | - | 0.024 | - | - |
| ES0016R | inden_123cd_pyrene | pm10 | - | - | - | - | - | - | - | - | 0.025 | - | - | - | - |
| FI0096G | inden_123cd_pyrene | air+aerosol | 0.001 | 0.032 | 0.016 | 0.004 | 0.004 | 0.002 | 0.002 | 0.001 | 0.011 | 0.001 | 0.057 | 0.001 | 0.01 |
| GB0014R | inden_123cd_pyrene | air+aerosol | 0.057 | 0.057 | 0.057 | 0.014 | 0.014 | 0.014 | 0.028 | 0.028 | 0.028 | 0.19 | 0.19 | 0.19 | 0.072 |
| NO0042G | inden_123cd_pyrene | air+aerosol | 0.023 | 0.003 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.004 | 0.02 | 0.005 |
| SE0012R | inden_123cd_pyrene | air+aerosol | 0.067 | 0.237 | 0.075 | 0.023 | 0.01 | 0 | 0.012 | 0.089 | - | 0.181 | 0.15 | 0.205 | 0.109 |
| SE0014R | inden_123cd_pyrene | air+aerosol | 0.031 | 0.23 | 0.048 | 0.03 | 0.016 | 0.009 | 0.004 | 0.007 | 0.013 | 0.078 | 0.117 | 0.108 | 0.056 |
| NO0042G | N1methylnaphtalene | air+aerosol | 0.7 | 0.14 | 0.109 | 0.139 | 0.209 | 0.038 | 0.021 | 0.017 | 0.019 | 0.286 | 0.137 | 0.257 | 0.182 |
| NO0042G | N1methylphenanthrene | air+aerosol | 0.012 | 0.005 | 0.005 | 0.004 | 0.003 | 0.006 | 0.006 | 0.006 | 0.005 | 0.006 | 0.008 | 0.008 | 0.006 |
| NO0042G | N2methylanthracene | air+aerosol | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| NO0042G | N2methylnaphtalene | air+aerosol | 0.936 | 0.186 | 0.163 | 0.267 | 0.421 | 0.078 | 0.041 | 0.032 | 0.035 | 0.483 | 0.205 | 0.3 | 0.277 |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO0042G | N2methylphenanthrene | air+aerosol | 0.018 | 0.007 | 0.01 | 0.007 | 0.006 | 0.012 | 0.011 | 0.009 | 0.007 | 0.011 | 0.013 | 0.013 | 0.011 |
| NO0042G | N3methylphenanthrene | air+aerosol | 0.013 | 0.005 | 0.007 | 0.005 | 0.005 | 0.009 | 0.009 | 0.007 | 0.005 | 0.009 | 0.01 | 0.009 | 0.008 |
| NO0042G | N9methylphenanthrene | air+aerosol | 0.01 | 0.004 | 0.005 | 0.005 | 0.005 | 0.009 | 0.008 | 0.007 | 0.005 | 0.009 | 0.01 | 0.006 | 0.007 |
| NO0042G | op_DDD | air+aerosol | 0.7 | 0.039 | 0.076 | 0.011 | 0.011 | 0.085 | 0.021 | 0.011 | 0.013 | 0.017 | 0.102 | 0.055 | 0.105 |
| NO0042G | op_DDE | air+aerosol | 0.199 | 0.167 | 0.126 | 0.068 | 0.02 | 0.023 | 0.022 | 0.019 | 0.021 | 0.038 | 0.06 | 0.127 | 0.078 |
| IS0091R | op_DDT | air+aerosol | 0.115 | 0.114 | 0.105 | 0.105 | 0.104 | 0.242 | 0.12 | 0.107 | 0.095 | 0.092 | 0.096 | 0.091 | 0.115 |
| NO0042G | op_DDT | air+aerosol | 0.404 | 0.363 | 0.254 | 0.214 | 0.087 | 0.075 | 0.122 | 0.077 | 0.104 | 0.124 | 0.234 | 0.313 | 0.201 |
| CZ0003R | pp_DDD | air+aerosol | 0.5 | 0.5 | 0.5 | 0.637 | 0.94 | 2 | 1.362 | 1.55 | 1.688 | 1.512 | 0.5 | 1.025 | 1.056 |
| FI0096G | pp_DDD | air+aerosol | 0.04 | 0.16 | 0.135 | 0.03 | 0.07 | 0.06 | 0.12 | 0.06 | 0.05 | 0.015 | 0.015 | 0.15 | 0.075 |
| IS0091R | pp_DDD | air+aerosol | 0.115 | 0.114 | 0.105 | 0.105 | 0.104 | 0.127 | 0.12 | 0.107 | 0.095 | 0.092 | 0.096 | 0.091 | 0.106 |
| NO0042G | pp_DDD | air+aerosol | 1.322 | 0.053 | 0.082 | 0.015 | 0.02 | 0.277 | 0.062 | 0.021 | 0.021 | 0.028 | 0.08 | 0.081 | 0.193 |
| SE0014R | pp_DDD | air+aerosol | 0.375 | 0.02 | 0.027 | 0.032 | 0.065 | 0.063 | 0.076 | 0.048 | 0.058 | 0.05 | 0.049 | 0.005 | 0.072 |
| CZ0003R | pp_DDE | air+aerosol | 6.83 | 7.188 | 9.6 | 7.412 | 9.94 | 15.625 | 11.375 | 28.49 | 23.837 | 23.75 | 8.375 | 13.337 | 13.888 |
| FI0096G | pp_DDE | air+aerosol | 0.67 | 0.92 | 1.206 | 0.21 | 0.49 | 0.12 | 0.19 | 0.14 | 0.21 | 0.36 | 2.26 | 1.08 | 0.667 |
| IS0091R | pp_DDE | air+aerosol | 0.225 | 0.192 | 0.105 | 0.105 | 0.104 | 0.127 | 0.12 | 0.107 | 0.095 | 0.092 | 0.096 | 0.091 | 0.12 |
| NO0042G | pp_DDE | air+aerosol | 3.887 | 1.037 | 1.035 | 3.303 | 1.3 | 0.323 | 1.528 | 0.137 | 0.218 | 0.974 | 0.427 | 1.657 | 1.384 |
| SE0012R | pp_DDE | air+aerosol | 0.75 | 0.87 | 1.17 | 0.7 | 1.52 | 1.55 | 1.558 | 1.54 | - | 1.625 | 1.89 | 1.08 | 1.305 |
| SE0014R | pp_DDE | air+aerosol | 1.363 | 2.194 | 2.147 | 1.556 | 1.364 | 1.125 | 1.14 | 1.826 | 1.945 | 2.581 | 2.024 | 2.136 | 1.782 |
| CZ0003R | pp_DDT | air+aerosol | 0.82 | 2.1 | 1.012 | 1.337 | 1.81 | 1.613 | 0.738 | 3.5 | 2.787 | 1.275 | 1.025 | 1.762 | 1.672 |
| FI0096G | pp_DDT | air+aerosol | 0.11 | 0.19 | 0.317 | 0.1 | 0.3 | 0.09 | 0.16 | 0.16 | 0.14 | 0.13 | 0.32 | 0.18 | 0.189 |
| IS0091R | pp_DDT | air+aerosol | 0.115 | 0.114 | 0.105 | 0.105 | 0.104 | 0.127 | 0.12 | 0.107 | 0.095 | 0.092 | 0.096 | 0.091 | 0.106 |
| NO0042G | pp_DDT | air+aerosol | 0.343 | 0.127 | 0.156 | 0.089 | 0.039 | 0.072 | 0.213 | 0.037 | 0.043 | 0.049 | 0.073 | 0.145 | 0.123 |
| SE0014R | pp_DDT | air+aerosol | 0.271 | 0.698 | 0.794 | 0.825 | 0.717 | 0.812 | 0.756 | 1.165 | 0.649 | 0.682 | 0.454 | 0.465 | 0.692 |
| CZ0003R | PCB_101 | air+aerosol | 0.63 | 0.85 | 0.85 | 0.85 | 1.02 | 1.35 | 0.662 | 2.18 | 1.613 | 1.662 | 0.637 | 0.887 | 1.11 |
| FI0096G | PCB_101 | air+aerosol | 0.424 | 0.735 | 0.886 | 0.648 | 1.651 | 0.778 | 1.392 | 1.401 | 0.593 | 0.551 | 0.748 | 0.69 | 0.883 |
| GB0014R | PCB_101 | air+aerosol | 0.54 | 0.54 | 0.54 | 0.12 | 0.12 | 0.12 | - | - | - | 1.57 | 1.57 | 1.57 | 0.746 |
| IS0091R | PCB_101 | air+aerosol | 1.306 | 1.082 | 1.633 | 1.56 | 1.1 | 1.257 | 1.075 | 1.084 | 0.785 | 0.624 | 0.616 | 0.542 | 1.053 |
| NO0001R | PCB_101 | air+aerosol | 0.456 | - | 0.726 | 0.654 | 0.766 | 1.1 | 0.988 | 1.039 | 0.514 | 0.846 | 0.68 | 0.406 | 0.746 |
| NO0042G | PCB_101 | air+aerosol | 0.888 | 0.469 | 0.587 | 0.493 | 0.323 | 0.569 | 0.542 | 0.325 | 0.344 | 0.398 | 0.401 | 0.399 | 0.5 |
| SE0012R | PCB_101 | air+aerosol | 0.452 | 0.499 | 1.249 | 0.631 | 1.352 | 1.593 | 1.256 | 1.377 | - | 0.631 | 0.535 | 0.557 | 0.863 |
| SE0014R | PCB_101 | air+aerosol | 0.824 | 0.818 | 1.197 | 1.508 | 1.963 | 3.372 | 2.411 | 3.292 | 1.611 | 1.331 | 0.993 | 1.131 | 1.713 |
| IS0091R | PCB_105 | air+aerosol | 0.115 | 0.114 | 0.105 | 0.105 | 0.104 | 0.127 | 0.12 | 0.107 | 0.095 | 0.092 | 0.096 | 0.091 | 0.106 |
| NO0042G | PCB_105 | air+aerosol | 0.245 | 0.047 | 0.066 | 0.189 | 0.059 | 0.058 | 0.066 | 0.026 | 0.039 | 0.074 | 0.044 | 0.726 | 0.118 |
| NO0042G | PCB_114 | air+aerosol | 0.035 | 0.005 | 0.007 | 0.023 | 0.009 | 0.007 | 0.007 | 0.01 | 0.016 | 0.008 | 0.29 | 0.097 | 0.043 |
| CZ0003R | PCB_118 | air+aerosol | 0.69 | 0.5 | 0.713 | 0.5 | 0.76 | 1.275 | 0.5 | 1.39 | 0.5 | 0.5 | 0.5 | 0.5 | 0.709 |
| FI0096G | PCB_118 | air+aerosol | 0.141 | 0.255 | 0.287 | 0.149 | 0.51 | 0.289 | 0.393 | 0.449 | 0.196 | 0.143 | 0.348 | 0.253 | 0.288 |
| GB0014R | PCB_118 | air+aerosol | 0.13 | 0.13 | 0.13 | 0.44 | 0.44 | 0.44 | 0.01 | 0.01 | 0.01 | 0.65 | 0.65 | 0.65 | 0.308 |
| IS0091R | PCB_118 | air+aerosol | 0.115 | 0.114 | 0.314 | 0.395 | 0.313 | 0.242 | 0.12 | 0.19 | 0.163 | 0.092 | 0.096 | 0.091 | 0.188 |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO0001R | PCB_118 | air+aerosol | 0.193 | - | 0.261 | 0.216 | 0.334 | 0.578 | 0.518 | 0.349 | 0.18 | 0.297 | 0.347 | 0.116 | 0.279 |
| NO0042G | PCB_118 | air+aerosol | 0.704 | 0.155 | 0.207 | 0.695 | 0.245 | 0.186 | 0.23 | 0.089 | 0.123 | 0.234 | 0.136 | 2.588 | 0.393 |
| SE0012R | PCB_118 | air+aerosol | 0.213 | 0.156 | 0.482 | 0.194 | 0.446 | 0.525 | 0.39 | 0.448 | - | 0.193 | 0.227 | 0.169 | 0.293 |
| SE0014R | PCB_118 | air+aerosol | 0.296 | 0.29 | 0.449 | 0.582 | 0.716 | 1.229 | 0.893 | 1.238 | 0.597 | 0.454 | 0.363 | 0.375 | 0.627 |
| NO0042G | PCB_122 | air+aerosol | 0.01 | 0.005 | 0.006 | 0.005 | 0.016 | 0.005 | 0.005 | 0.006 | 0.012 | 0.005 | 0.005 | 0.145 | 0.014 |
| NO0042G | PCB_123 | air+aerosol | 0.018 | 0.005 | 0.006 | 0.008 | 0.005 | 0.005 | 0.006 | 0.01 | 0.013 | 0.005 | 0.005 | 0.07 | 0.011 |
| NO0042G | PCB_128 | air+aerosol | 0.132 | 0.019 | 0.032 | 0.147 | 0.041 | 0.032 | 0.036 | 0.017 | 0.028 | 0.047 | 0.023 | 0.458 | 0.071 |
| CZ0003R | PCB_138 | air+aerosol | 0.63 | 0.5 | 0.5 | 0.825 | 0.84 | 0.637 | 1.05 | 1.33 | 1 | 1.113 | 0.688 | 0.8 | 0.832 |
| FI0096G | PCB_138 | air+aerosol | 0.121 | 0.239 | 0.293 | 0.146 | 0.525 | 0.205 | 0.233 | 0.357 | 0.181 | 0.157 | 0.283 | 0.221 | 0.25 |
| GB0014R | PCB_138 | air+aerosol | 0.2 | 0.2 | 0.2 | 0.55 | 0.55 | 0.55 | 0.1 | 0.1 | 0.1 | 0.85 | 0.85 | 0.85 | 0.426 |
| IS0091R | PCB_138 | air+aerosol | 0.37 | 0.37 | 0.446 | 0.37 | 0.182 | 0.127 | 0.12 | 0.153 | 0.095 | 0.092 | 0.096 | 0.135 | 0.211 |
| NO0001R | PCB_138 | air+aerosol | 0.26 | - | 0.307 | 0.447 | 0.44 | 0.867 | 0.71 | 0.482 | 0.334 | 0.328 | 0.302 | 0.156 | 0.371 |
| NO0042G | PCB_138 | air+aerosol | 0.817 | 0.136 | 0.213 | 1.209 | 0.326 | 0.208 | 0.255 | 0.086 | 0.106 | 0.29 | 0.127 | 0.489 | 0.354 |
| SE0012R | PCB_138 | air+aerosol | 0.242 | 0.247 | 0.617 | 0.261 | 0.634 | 0.804 | 0.598 | 0.642 | - | 0.28 | 0.283 | 0.236 | 0.411 |
| SE0014R | PCB_138 | air+aerosol | 0.489 | 0.536 | 0.824 | 1.058 | 1.604 | 2.559 | 1.58 | 2.571 | 1.186 | 1.015 | 0.652 | 0.713 | 1.239 |
| NO0042G | PCB_141 | air+aerosol | 0.124 | 0.031 | 0.032 | 0.035 | 0.021 | 0.051 | 0.05 | 0.024 | 0.03 | 0.027 | 0.028 | 0.221 | 0.053 |
| NO0042G | PCB_149 | air+aerosol | 0.515 | 0.261 | 0.277 | 0.261 | 0.16 | 0.385 | 0.28 | 0.156 | 0.161 | 0.191 | 0.177 | 1.403 | 0.323 |
| CZ0003R | PCB_153 | air+aerosol | 1.01 | 0.987 | 1.113 | 1.775 | 1.03 | 1.975 | 1.213 | 3.19 | 2.537 | 1.938 | 1.425 | 2.25 | 1.706 |
| FI0096G | PCB_153 | air+aerosol | 0.15 | 0.313 | 0.382 | 0.199 | 0.566 | 0.237 | 0.317 | 0.399 | 0.227 | 0.212 | 0.283 | 0.301 | 0.303 |
| GB0014R | PCB_153 | air+aerosol | 0.31 | 0.31 | 0.31 | 1.46 | 1.46 | 1.46 | 0.84 | 0.84 | 0.84 | 2.19 | 2.19 | 2.19 | 1.203 |
| IS0091R | PCB_153 | air+aerosol | 0.319 | 0.325 | 0.357 | 0.355 | 0.186 | 0.127 | 0.303 | 0.19 | 0.095 | 0.092 | 0.096 | 0.091 | 0.21 |
| NO0001R | PCB_153 | air+aerosol | 0.419 | - | 0.507 | 0.817 | 0.749 | 1.205 | 1.349 | 0.756 | 0.616 | 0.505 | 0.521 | 0.256 | 0.625 |
| NO0042G | PCB_153 | air+aerosol | 1.274 | 0.23 | 0.353 | 2.547 | 0.761 | 0.367 | 0.449 | 0.139 | 0.184 | 0.501 | 0.209 | 1.014 | 0.648 |
| SE0012R | PCB_153 | air+aerosol | 0.314 | 0.317 | 0.836 | 0.342 | 0.809 | 1.03 | 0.74 | 0.813 | - | 0.402 | 0.35 | 0.321 | 0.537 |
| SE0014R | PCB_153 | air+aerosol | 0.65 | 0.648 | 1 | 1.256 | 1.864 | 3.107 | 2.057 | 3.191 | 1.396 | 1.184 | 0.776 | 0.88 | 1.509 |
| IS0091R | PCB_156 | air+aerosol | 0.115 | 0.114 | 0.105 | 0.105 | 0.104 | 0.127 | 0.12 | 0.107 | 0.095 | 0.092 | 0.096 | 0.091 | 0.106 |
| NO0042G | PCB_156 | air+aerosol | 0.045 | 0.006 | 0.015 | 0.084 | 0.023 | 0.014 | 0.013 | 0.008 | 0.011 | 0.022 | 0.01 | 0.207 | 0.031 |
| NO0042G | PCB_157 | air+aerosol | 0.009 | 0.005 | 0.005 | 0.021 | 0.008 | 0.005 | 0.005 | 0.008 | 0.011 | 0.007 | 0.007 | 0.103 | 0.013 |
| NO0042G | PCB_167 | air+aerosol | 0.026 | 0.005 | 0.007 | 0.051 | 0.015 | 0.007 | 0.009 | 0.008 | 0.012 | 0.011 | 0.005 | 0.113 | 0.019 |
| NO0042G | PCB_170 | air+aerosol | 0.072 | 0.01 | 0.018 | 0.132 | 0.049 | 0.041 | 0.024 | 0.01 | 0.02 | 0.043 | 0.017 | 0.232 | 0.048 |
| NO0042G | PCB_18 | air+aerosol | 5.857 | 4.319 | 4.902 | 2.734 | 2.444 | 7.287 | 7.683 | 6.157 | 2.445 | 1.918 | 2.44 | 16.327 | 5.224 |
| CZ0003R | PCB_180 | air+aerosol | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.637 | 0.5 | 0.82 | 0.5 | 0.637 | 0.5 | 0.938 | 0.587 |
| FI0096G | PCB_180 | air+aerosol | 0.024 | 0.056 | 0.071 | 0.028 | 0.107 | 0.032 | 0.081 | 0.056 | 0.039 | 0.037 | 0.221 | 0.059 | 0.068 |
| GB0014R | PCB_180 | air+aerosol | 0.06 | 0.06 | 0.06 | 0.19 | 0.19 | 0.19 | 0.06 | 0.06 | 0.06 | 0.22 | 0.22 | 0.22 | 0.133 |
| IS0091R | PCB_180 | air+aerosol | 0.189 | 0.114 | 0.173 | 0.205 | 0.104 | 0.127 | 0.12 | 0.107 | 0.095 | 0.092 | 0.096 | 0.091 | 0.126 |
| NO0001R | PCB_180 | air+aerosol | 0.104 | - | 0.12 | 0.199 | 0.206 | 0.3 | 0.226 | 0.183 | 0.18 | 0.192 | 0.102 | 0.063 | 0.157 |
| NO0042G | PCB_180 | air+aerosol | 0.311 | 0.039 | 0.076 | 0.605 | 0.202 | 0.128 | 0.074 | 0.027 | 0.041 | 0.139 | 0.039 | 0.14 | 0.149 |
| SE0012R | PCB_180 | air+aerosol | 0.09 | 0.098 | 0.201 | 0.086 | 0.225 | 0.249 | 0.188 | 0.19 | - | 0.093 | 0.111 | 0.084 | 0.136 |
| SE0014R | PCB_180 | air+aerosol | 0.158 | 0.217 | 0.346 | 0.453 | 0.764 | 1.08 | 0.621 | 1.126 | 0.416 | 0.422 | 0.252 | 0.272 | 0.514 |
| NO0042G | PCB_183 | air+aerosol | 0.103 | 0.014 | 0.026 | 0.152 | 0.042 | 0.039 | 0.024 | 0.013 | 0.019 | 0.031 | 0.015 | 0.365 | 0.059 |
| NO0042G | PCB_187 | air+aerosol | 0.273 | 0.038 | 0.067 | 0.406 | 0.067 | 0.093 | 0.065 | 0.028 | 0.034 | 0.068 | 0.034 | 0.835 | 0.143 |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO0042G | PCB_189 | air+aerosol | 0.005 | 0.005 | 0.006 | 0.007 | 0.005 | 0.005 | 0.005 | 0.007 | 0.011 | 0.005 | 0.005 | 0.005 | 0.006 |
| NO0042G | PCB_194 | air+aerosol | 0.014 | 0.005 | 0.007 | 0.038 | 0.019 | 0.018 | 0.007 | 0.008 | 0.014 | 0.015 | 0.005 | 0.005 | 0.013 |
| NO0042G | PCB_206 | air+aerosol | 0.008 | 0.005 | 0.008 | 0.007 | 0.007 | 0.01 | 0.005 | 0.009 | 0.012 | 0.009 | 0.005 | 0.02 | 0.008 |
| NO0042G | PCB_209 | air+aerosol | 0.012 | 0.005 | 0.006 | 0.005 | 0.005 | 0.005 | 0.005 | 0.008 | 0.015 | 0.005 | 0.005 | 0.015 | 0.008 |
| CZ0003R | PCB_28 | air+aerosol | 1.91 | 1.688 | 3 | 2.95 | 3.03 | 4.5 | 3.05 | 6.51 | 4.5 | 3.875 | 3.45 | 3.25 | 3.496 |
| FI0096G | PCB_28 | air+aerosol | 1.068 | 1.629 | 2.024 | 1.911 | 2.643 | 0.838 | 2.834 | 1.384 | 0.802 | 0.933 | 2.142 | 1.179 | 1.622 |
| GB0014R | PCB_28 | air+aerosol | 3.49 | 3.49 | 3.49 | 7.31 | 7.31 | 7.31 | 0.01 | 0.01 | 0.01 | 7.17 | 7.17 | 7.17 | 4.49 |
| IS0091R | PCB_28 | air+aerosol | 2.166 | 1.998 | 2.371 | 3.01 | 2.372 | 4.078 | 1.765 | 2.492 | 1.38 | 1.331 | 1.395 | 1.326 | 2.142 |
| NO0001R | PCB_28 | air+aerosol | 0.951 | - | 1.556 | 1.128 | 1.115 | 1.895 | 1.638 | 1.748 | 0.938 | 1.215 | 1.346 | 1.128 | 1.341 |
| NO0042G | PCB_28 | air+aerosol | 3.112 | 2.713 | 2.873 | 1.655 | 1.695 | 5.215 | 4.751 | 3.791 | 1.77 | 2.09 | 2.498 | 1.627 | 2.953 |
| SE0012R | PCB_28 | air+aerosol | 0.82 | 0.648 | 2.195 | 0.787 | 1.158 | 1.255 | 0.965 | 1.542 | - | 0.819 | 0.779 | 0.758 | 1.059 |
| SE0014R | PCB_28 | air+aerosol | 0.846 | 1.12 | 1.532 | 1.5 | 1.418 | 1.755 | 1.3 | 1.685 | 1.034 | 1.153 | 1.146 | 1.219 | 1.311 |
| IS0091R | PCB_31 | air+aerosol | 1.707 | 1.605 | 2.059 | 3.55 | 2.612 | 5.211 | 1.463 | 1.937 | 1.142 | 1.101 | 1.153 | 1.099 | 2.058 |
| NO0042G | PCB_31 | air+aerosol | 2.976 | 2.599 | 2.73 | 1.545 | 1.585 | 4.955 | 4.574 | 3.639 | 1.623 | 1.846 | 2.225 | 1.536 | 2.794 |
| NO0042G | PCB_33 | air+aerosol | 2.056 | 1.92 | 1.918 | 1.13 | 1.165 | 3.776 | 3.591 | 2.783 | 1.254 | 1.53 | 1.761 | 7.408 | 2.403 |
| NO0042G | PCB_37 | air+aerosol | 0.254 | 0.28 | 0.253 | 0.152 | 0.161 | 0.503 | 0.387 | 0.298 | 0.208 | 0.31 | 0.341 | 1.105 | 0.325 |
| NO0042G | PCB_47 | air+aerosol | 0.642 | 0.512 | 0.6 | 0.466 | 0.307 | 0.781 | 0.701 | 0.569 | 0.38 | 0.551 | 0.581 | 0.44 | 0.555 |
| CZ0003R | PCB_52 | air+aerosol | 2.58 | 2.15 | 2.788 | 2.9 | 3.04 | 4.438 | 5.025 | 6.6 | 4.325 | 3.287 | 2.687 | 2.775 | 3.58 |
| FI0096G | PCB_52 | air+aerosol | 0.957 | 1.391 | 1.733 | 1.807 | 2.725 | 1.101 | 2.915 | 1.974 | 0.865 | 0.96 | 1.653 | 1.307 | 1.624 |
| GB0014R | PCB_52 | air+aerosol | 1.08 | 1.08 | 1.08 | 0.01 | 0.01 | 0.01 | 1.8 | 1.8 | 1.8 | 0.76 | 0.76 | 0.76 | 0.914 |
| IS0091R | PCB_52 | air+aerosol | 1.941 | 1.43 | 1.9 | 2.185 | 2.183 | 3.347 | 2.374 | 2.326 | 1.86 | 1.466 | 1.534 | 1.32 | 1.993 |
| NO0001R | PCB_52 | air+aerosol | 0.842 | - | 1.335 | 1.078 | 1.174 | 1.762 | 1.528 | 1.556 | 0.826 | 1.371 | 1.372 | 1.12 | 1.274 |
| NO0042G | PCB_52 | air+aerosol | 1.539 | 1.22 | 1.429 | 1.064 | 0.812 | 1.629 | 1.442 | 1.138 | 0.785 | 0.895 | 1.021 | 1.009 | 1.2 |
| SE0012R | PCB_52 | air+aerosol | 0.599 | 0.655 | 1.726 | 0.755 | 1.159 | 1.258 | 0.988 | 1.288 | - | 0.729 | 0.679 | 0.808 | 0.945 |
| SE0014R | PCB_52 | air+aerosol | 0.969 | 1.014 | 1.388 | 1.621 | 1.933 | 2.866 | 1.764 | 2.24 | 1.617 | 1.322 | 1.021 | 1.254 | 1.589 |
| NO0042G | PCB_66 | air+aerosol | 0.555 | 0.326 | 0.349 | 0.335 | 0.204 | 0.53 | 0.319 | 0.232 | 0.218 | 0.343 | 0.333 | 2.514 | 0.448 |
| NO0042G | PCB_74 | air+aerosol | 0.309 | 0.234 | 0.237 | 0.223 | 0.133 | 0.306 | 0.215 | 0.158 | 0.144 | 0.216 | 0.216 | 0.227 | 0.22 |
| NO0001R | PCB_99 | air+aerosol | 0.508 | 0.842 | 0.351 | 0.788 | 0.28 | 0.246 | 0.306 | 0.191 | 0.236 | 0.139 | 0.142 | 0.133 | 0.337 |
| NO0042G | PCB_99 | air+aerosol | 0.587 | 0.213 | 0.263 | 0.405 | 0.193 | 0.185 | 0.202 | 0.12 | 0.152 | 0.215 | 0.17 | 0.326 | 0.26 |
| NO0042G | perylene | air+aerosol | 0.003 | 0.003 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.003 | 0.001 |
| CZ0003R | phenanthrene | air+aerosol | 6.982 | 5.825 | 4.077 | 2.68 | 1.335 | 0.937 | 0.51 | 1.203 | 2.631 | 4.625 | 8.087 | 15.072 | 4.419 |
| DE0001R | phenanthrene | air+aerosol | 1.31 | 3.71 | 5.29 | 3.78 | 2.82 | 2.59 | 1.32 | 1.44 | 0.97 | 2.34 | 2.18 | 3.98 | 2.638 |
| DE0003R | phenanthrene | air+aerosol | 1.34 | 1.85 | 1.43 | 0.95 | 1.34 | 0.9 | 1.27 | 1.24 | 1.07 | 1.51 | 1.98 | 2.17 | 1.419 |
| DE0008R | phenanthrene | air+aerosol | 4.13 | 3.01 | 2.12 | 1.04 | 1.73 | 1.1 | 0.63 | 1.32 | 1.08 | 3.05 | 3.59 | 6.73 | 2.465 |
| DE0009R | phenanthrene | air+aerosol | 2.49 | 5.89 | 2.82 | 1.55 | 1.89 | 1.67 | 1.08 | 1.41 | 0.61 | 1.6 | 3.24 | 5.21 | 2.434 |
| ES0008R | phenanthrene | pm10 | 0.007 | 0.007 | 0.01 | 0.009 | 0.009 | 0.007 | 0.007 | 0.006 | 0.006 | 0.007 | 0.006 | 0.006 | 0.007 |
| ES0009R | phenanthrene | pm10 | - | - | - | - | - | - | 0.014 | - | - | - | - | - | - |
| ES0014R | phenanthrene | pm10 | - | - | - | - | - | - | - | - | - | - | 0.005 | - | - |
| ES0016R | phenanthrene | pm10 | - | - | - | - | - | - | - | - | 0.005 | - | - | - | - |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FI0096G | phenanthrene | air+aerosol | 0.24 | 1 | 0.51 | 0.16 | 0.3 | 0.08 | 0.26 | 0.11 | 0.18 | 0.18 | 0.76 | 0.34 | 0.319 |
| GB0014R | phenanthrene | air+aerosol | 2.7 | 2.7 | 2.7 | 9.5 | 9.5 | 9.5 | 3.9 | 3.9 | 3.9 | 4.8 | 4.8 | 4.8 | 5.228 |
| NO0042G | phenanthrene | air+aerosol | 0.266 | 0.051 | 0.13 | 0.026 | 0.029 | 0.05 | 0.043 | 0.043 | 0.039 | 0.043 | 0.072 | 0.152 | 0.077 |
| SE0012R | phenanthrene | air+aerosol | 1.42 | 1.58 | 1.28 | 0.69 | 0.45 | 0 | 0.373 | 0.92 | - | 1.125 | 2.93 | 1.12 | 1.146 |
| SE0014R | phenanthrene | air+aerosol | 0.93 | 2.889 | 1.368 | 0.899 | 0.462 | 0.446 | 0.33 | 0.345 | 0.423 | 0.886 | 1.313 | 1.624 | 0.979 |
| CZ0003R | pyrene | air+aerosol | 1.645 | 1.253 | 1.014 | 0.658 | 0.22 | 0.095 | 0.058 | 0.195 | 0.594 | 1.248 | 2.032 | 4.239 | 1.08 |
| DE0001R | pyrene | air+aerosol | 0.25 | 0.96 | 2.13 | 0.43 | 0.26 | 0.41 | 0.13 | 0.19 | 0.12 | 0.45 | 0.34 | 1.04 | 0.558 |
| DE0003R | pyrene | air+aerosol | 0.16 | 0.24 | 0.18 | 0.16 | 0.15 | 0.05 | 0.02 | 0.15 | 0.12 | 0.22 | 0.2 | 0.54 | 0.183 |
| DE0008R | pyrene | air+aerosol | 0.58 | 0.4 | 0.71 | 0.23 | 0.16 | 0.09 | 0.03 | 0.13 | 0.15 | 0.4 | 0.43 | 1.68 | 0.418 |
| DE0009R | pyrene | air+aerosol | 0.38 | 1.56 | 0.71 | 0.26 | 0.16 | 0.1 | 0.15 | 0.17 | 0.14 | 0.28 | 0.8 | 1.61 | 0.52 |
| ES0008R | pyrene | pm10 | 0.008 | 0.008 | 0.014 | 0.007 | 0.01 | 0.006 | 0.006 | 0.007 | 0.007 | 0.01 | 0.006 | 0.007 | 0.008 |
| ES0009R | pyrene | pm10 | - | - | - | - | - | - | 0.006 | - | - | - | - | - | - |
| ES0016R | pyrene | pm10 | - | - | - | - | - | - | - | - | 0.005 | - | - | - | - |
| FI0096G | pyrene | air+aerosol | 0.05 | 0.13 | 0.092 | 0.02 | 0.04 | 0.02 | 0.03 | 0.02 | 0.06 | 0.03 | 0.15 | 0.05 | 0.056 |
| GB0014R | pyrene | air+aerosol | 0.44 | 0.44 | 0.44 | 1.2 | 1.2 | 1.2 | 0.52 | 0.52 | 0.52 | 1.2 | 1.2 | 1.2 | 0.841 |
| NO0042G | pyrene | air+aerosol | 0.095 | 0.016 | 0.014 | 0.006 | 0.01 | 0.01 | 0.007 | 0.01 | 0.01 | 0.007 | 0.02 | 0.069 | 0.023 |
| SE0012R | pyrene | air+aerosol | 0.25 | 0.36 | 0.17 | 0.07 | 0.04 | 0 | 0.039 | 0.16 | - | 0.315 | 0.43 | 0.38 | 0.224 |
| SE0014R | pyrene | air+aerosol | 0.214 | 0.816 | 0.32 | 0.215 | 0.09 | 0.073 | 0.047 | 0.054 | 0.076 | 0.226 | 0.353 | 0.357 | 0.232 |
| NO0042G | retene | air+aerosol | 0.02 | 0.005 | 0.005 | 0.002 | 0.003 | 0.005 | 0.005 | 0.009 | 0.006 | 0.004 | 0.005 | 0.011 | 0.007 |