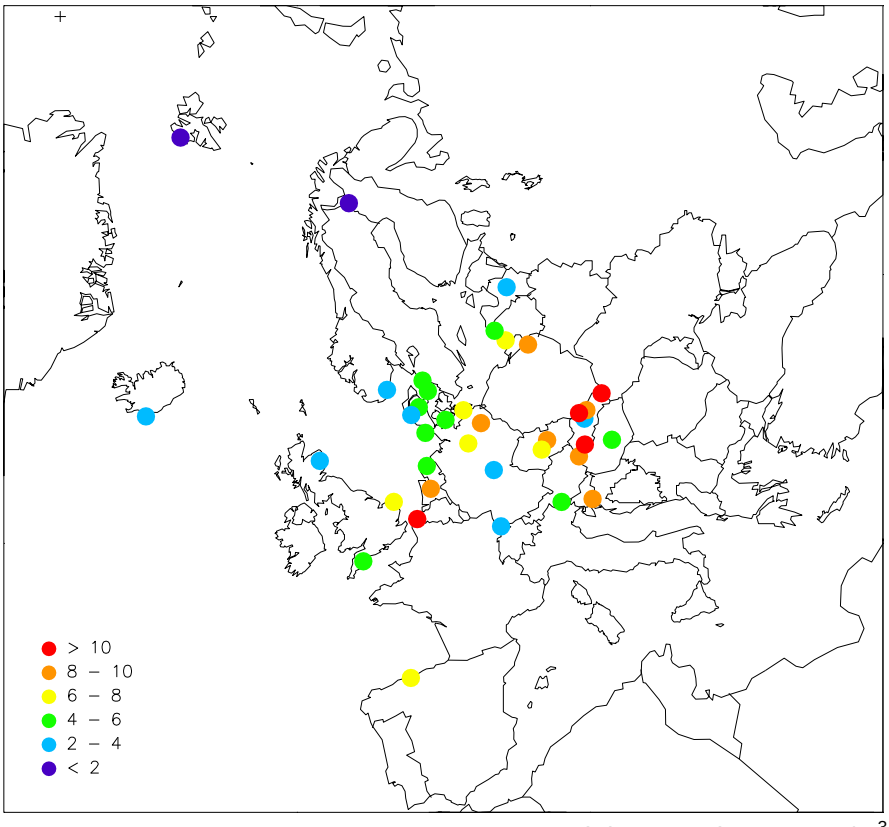
EMEP/CCC-Report 4/2008

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

# Heavy metals and POP measurements, 2006

Wenche Aas and Knut Breivik




Pb in aerosols 2006, ng/m$^3$

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# Heavy metals and POP measurements, 2006

## 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, twelve 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) which present data on heavy metals and POPs from national and international measurement programmes for the period 1987 to 2005. In this report data from 2006 are presented. All these data are also available from the EMEP's homepage, http://www.nilu.no/projects/ccc/emepdata.html.

## 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 2006, 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 2006 there were 30 sites measuring heavy metals in both air and precipitation, and altogether there were 66 measurement sites. There was 16 sites measuring at least one form of mercury (Figure 2). From Fig.1 one can

see that the spatial reduction in east and southern Europe is unsatisfactory, especially for mercury. In addition, it is too few sites measuring both in air and precipitation. The adopted 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.

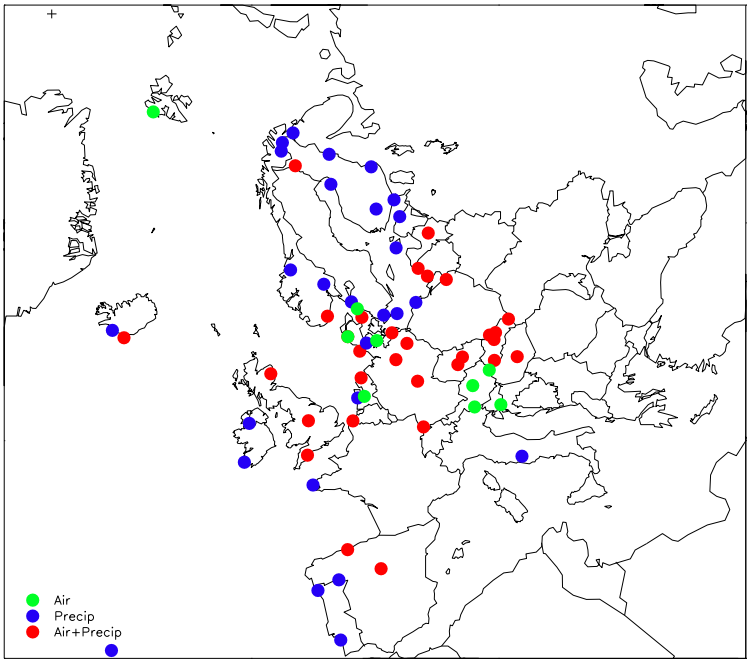


*Figure 1: Measurement network of heavy metals, 2006.*

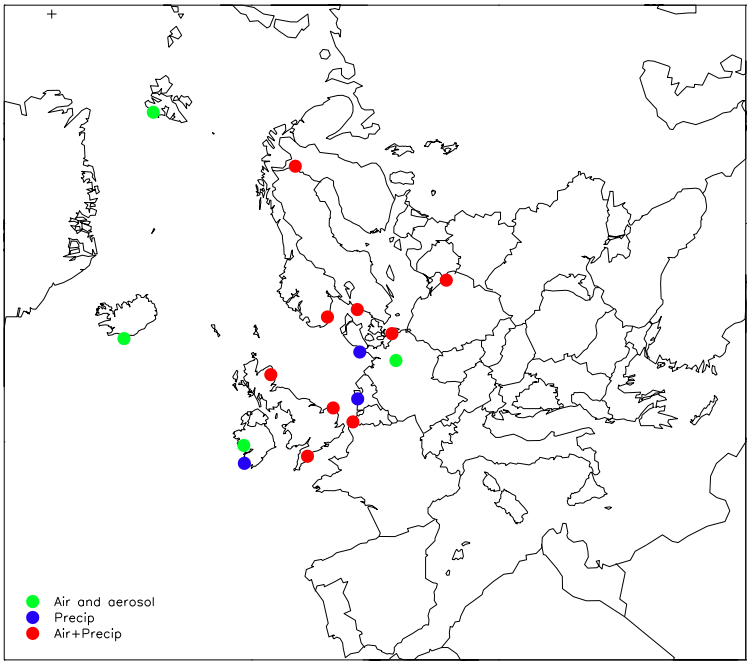


*Figure 2: Measurement network of mercury, 2006.*

*Table 1: Monitoring stations and the sampling program of heavy metals, 2006.*

| 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 | Pb, Ni | |
| **Belgium** | BE0014 | Koksijde | 54 | 7 | 12 | N | 2 | 39 | 35 | E | 7 | As,Cr,Cd Cu,Ni,Pb,Zn,Hg | As,Cd,Cr,Cu,Hg,Ni,Pb |
| **Czech Republic** | CZ0001R | Svratouch | 49 | 44 | 0 | N | 16 | 2 | 0 | E | 737 | Cd, Pb,Ni,As,Cu,Mn | Pb, Mn,Ni |
| | CZ0003R | Kosetice | 49 | 35 | 0 | N | 15 | 5 | 0 | E | 534 | Cd, Pb,Ni,As,Cu,Mn | Cd, Pb, Mn,Ni |
| **Germany** | DE0001R | Westerland | 54 | 55 | 32 | N | 8 | 18 | 35 | E | 12 | As,Cd,Cu,Fe,Pb, Mn,Ni,V,Zn,Sb | As,Cd,Cr,Co,Cu,Fe,Pb,Mn,Hg,Ni,V,Zn,Sb |
| | DE0002R | Langenbrügge | 52 | 48 | 8 | N | 10 | 45 | 34 | E | 74 | As,Cd,Cu,Fe,Hg,Pb,Mn,Ni,V,Zn,Sb | As,Cd,Cr,Co,Cu,Fe,Pb,Mn,Ni,V,Zn,Sb,Se,Sr,Tl |
| | DE0003R | Schauinsland | 47 | 54 | 53 | N | 7 | 54 | 31 | E | 1205 | As,Cd,Cu,Fe,Pb,Mn,Ni,V,Zn,Sb | As,Cd,Cr,Co,Cu,Fe,Pb,Mn,Ni,V,Zn,Sb,Se,Sr,Tl |
| | DE0007R | Neuglobsow | 53 | 10 | 0 | N | 13 | 2 | 0 | E | 65 | As,Cd,Cu,Fe,Pb,Mn,Ni,V,Zn,Sb | As,Cd,Cr,Co,Cu,Fe,Pb,Mn,Ni,V,Zn,Sb,Se,Sr,Tl |
| | DE0008R | Schmücke | 50 | 39 | 0 | N | 10 | 46 | 0 | E | 937 | As,Cu,Fe,Pb,Mn,Ni,V,Zn,Sb | As,Cd,Cr,Co,Cu,Fe,Pb,Mn,Ni,V,Zn,Sb.Sr,Tl |
| | DE0009R | Zingst | 54 | 26 | 0 | N | 12 | 44 | 0 | E | 1 | As,Cd,Cu,Fe,Hg,Pb,Mn,Ni,V,Zn,Sb | As,Cd,Cr,Co,Cu,Fe,Pb,Mn,Hg,Ni,V,Zn,Sb |
| **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 |
| | DK0011G | Nuuk | 64 | 10 | 48 | N | 51 | 39 | 0 | W | 320 | | |
| | DK0020R | Pedersker | 55 | 1 | 1 | N | 14 | 56 | 45 | E | 5 | | Cu,Pb,Ni,Zn,Cd,As,Cr |
| | DK0022R | Sepstrup Sande | 55 | 5 | 0 | N | 9 | 36 | 0 | E | 60 | | Cu,Pb,Ni,Zn,Cd,As,Cr |
| | DK0031R | Ulborg | 56 | 17 | 0 | N | 8 | 26 | 0 | E | 10 | As,Cd,Cr,Cu,Fe,Pb,Mn,Ni,Zn | Cu,Pb,Ni,Zn,Cd,As,Cr |
| **Estonia** | EE0009R | Lahemaa | 59 | 30 | 0 | N | 25 | 54 | 0 | E | 32 | | As,Cd,Cu |
| | EE0011R | Vilsandy | 58 | 23 | 0 | N | 21 | 49 | 0 | E | 6 | | Pb,Zn |
| **Spain** | ES0008R | Niembro | 43 | 26 | 32 | N | 4 | 51 | 1 | W | 134 | As,Cd,Cr,Cu,Pb,Ni,Hg | As,Cd,Cu,Cr,Pb,Ni,Zn |
| | ES0009R | Campisabalos | 41 | 16 | 52 | N | 3 | 8 | 34 | W | 1360 | As,Cr,Cu,Pb,Ni,Zn | As,Cd,Cu,Cr, Pb,Ni,Zn |
| **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 | | 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,Cu,Fe,Pb,Mn,Ni,V,Zn | Al,As,Cd,Cr,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** | FR0090 | Porspoder | 48 | 31 | 0 | N | 4 | 45 | 0 | W | 50 | | Cd,Cr,Cu,Pb,Ni,Zn |
| **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,Pb,Ni,Zn | As,Cd,Cr,Cu,Hg,Pb,Ni,Zn |
| | GB0017R | Heigham Holmes | 54 | 45 | 14 | N | 1 | 38 | 22 | W | 267 | As,Cd,Cr,Cu,Pb,Ni,Zn | As,Cd,Cr,Cu,Hg,Pb,Ni,Zn |
| | GB0091R | Banchory | 57 | 5 | 0 | N | 2 | 32 | 0 | W | 120 | As,Cd,Cr,Cu,Pb,Ni,Zn | As,Cd,Cr,Cu,Hg,Pb,Ni,Zn |

*Table 1, cont.*

| Country | Code | Station name | Latitude | | | | Longitude | | | | hosl | Metals in air | Metals in precip |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Hungary** | HU0002R | K-puszta | 46 | 58 | 0 | N | 19 | 35 | 0 | E | 125 | Pb, Cd | 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 | |
| **Island** | 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 |
| **Lithuania** | LT0015R | Preila | 55 | 21 | 0 | N | 21 | 4 | 0 | E | 5 | As,Cd,Cr,Cu,Ni,Pb,Zn | As,Cd,Cr,Cu,Ni,Pb,Zn |
| **Latvia** | LV0010R | Rucava | 56 | 13 | 0 | N | 21 | 13 | 0 | E | 5 | As,Cd,Cu,Pb,Zn | As,Cd,Cu,Pb,Mn,Ni,Zn |
| | LV0016R | Zoseni | 57 | 7 | 59 | N | 25 | 55 | 0 | E | 183 | As,Cd,Cu,Pb,Mn,Ni,Zn | As,Cd,Cu,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 | As,Cd,Cr,Cu,Pb,Ni,Zn, |
| | NL0091R | De Zilk | 52 | 18 | 0 | N | 4 | 30 | 0 | E | 4 | | As,Cd,Cr,Cu,Pb,Hg,Ni,Zn, |
| **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 | |
| | NO0047R | Svanvik | 69 | 27 | 0 | N | 30 | 1 | 59 | E | 30 | | As,Cd,Cr,Co,Cu,Pb,Ni,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 | 0 | N | 17 | 32 | 0 | 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,Zn |
| | PT0003R | Viana do Castelo | 41 | 42 | 0 | N | 8 | 48 | 0 | W | 16 | | Cu,Pb,Mn,Ni,Zn |
| | PT0004R | Monte Velho | 38 | 5 | 0 | N | 8 | 48 | 0 | W | 43 | | Cd,Cu,Pb,Mn,Ni,Zn |
| | PT0010R | Angra do Heroismo | 38 | 40 | 0 | N | 27 | 13 | 0 | W | 74 | | Cd,Cu,Pb,Mn,Ni,Zn |
| **Sweden** | 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,Cu,Pb,Mn,Ni,V,Zn |
| | SE0097R | Gårdsjön | 58 | 3 | 0 | N | 12 | 1 | 0 | E | 126 | | As,Cd,Cr,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,Mn,Ni,Zn | As,Cd,Cr,Cu,Pb,Mn,Ni,Zn |
| | SK0004R | Stará Lesná | 49 | 9 | 0 | N | 20 | 17 | 0 | E | 808 | As,Cd,Cr,Cu,Pb,Mn,Ni,Zn | As,Cd,Cr,Cu,Pb,Mn,Ni,Zn |
| | SK0005R | Liesek | 49 | 22 | 0 | N | 19 | 40 | 59 | E | 892 | As,Cd,Cr,Cu,Pb,Mn,Ni,Zn | As,Cd,Cr,Cu,Pb,Mn,Ni,Zn |
| | SK0006R | Starina | 49 | 3 | 0 | N | 22 | 16 | 0 | E | 345 | As,Cd,Cr,Cu,Pb,Mn,Ni,Zn | As,Cd,Cr,Cu,Pb,Mn,Ni,Zn |
| | SK0007R | Topolniky | 47 | 57 | 36 | N | 17 | 51 | 38 | E | 113 | As,Cd,Cr,Cu,Pb,Mn,Ni,Zn | As,Cd,Cr,Cu,Pb,Mn,Ni,Zn |

## 2.2 Monitoring sites for POPs

The locations of the measurement sites, which have delivered POPs for 2006, are shown in Figure 3 and Table 2. In 2006 there were 6 sites measuring POPs in both compartments, and altogether there were 15 measurement sites, one more than in 2005.

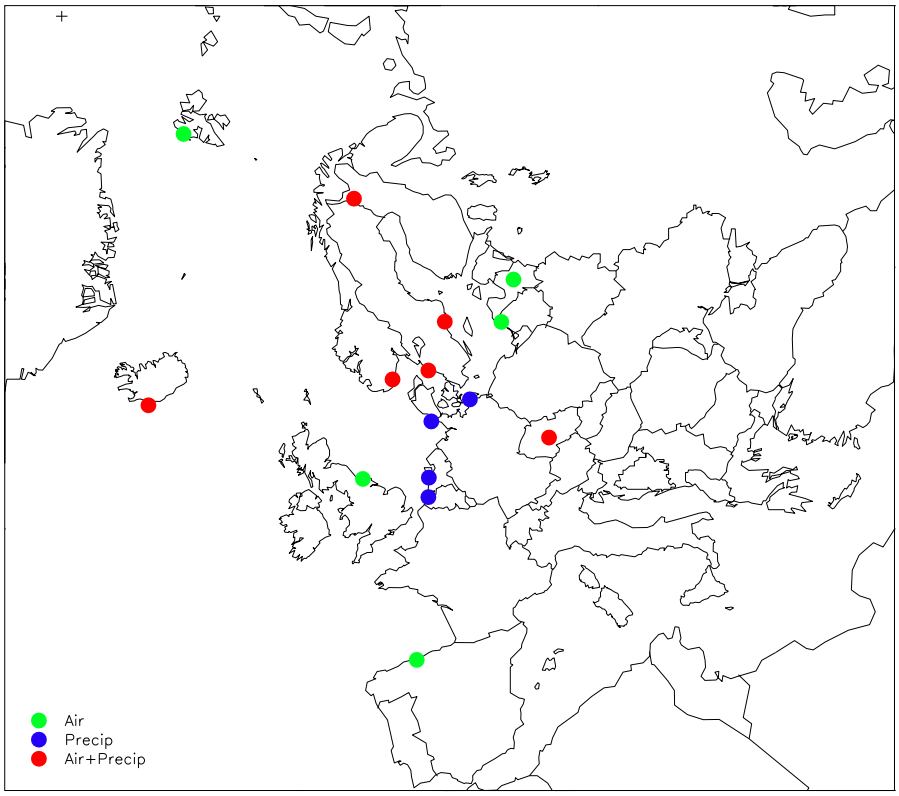


*Figure 3: Monitoring network of POPs in EMEP, 2006.*

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

## 2.3 Sampling and analytical techniques

A brief summary of the sampling and analytical techniques used for the 2006-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, 2006.*

| 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, PCBs, pesticides, HCB, HCHs |
| | DE0009R | Zingst | 54 | 26 | 0 | N | 12 | 44 | 0 | E | 1 | | PAHs, PCBs, pesticides, HCB, HCHs |
| Spain | ES0008 | Niembro | 43 | 26 | 32 | 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 | GB0014 | 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 | 13 | 0 | N | 21 | 13 | 0 | E | 5 | PAH (Benzo[a]pyrene) | |
| | LV0016R | Zoseni | 57 | 7 | 59 | N | 25 | 55 | 0 | E | 183 | 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, 2006.*

| Country | Precipitation | | Air and aerosols | | Laboratory method |
|---|---|---|---|---|---|
| | Sampling method | Frequency | Sampling method | Frequency | |
| Belgium | wet only | Monthly = 4 weekly | | | Dual column GC-ECD |
| Czech rep. | wet only | Daily | HV-GRASEBY,PUR-foam 300-400m$^3$/day | 1d a week | HPLC, GC-MS |
| Germany | wet only | Monthly | | | GC-MS |
| Spain | | | High vol | 1d each 8$^{th}$ day | 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.5m3/h | biweekly sampling, 3 monthly analysis | GC-MS |
| Iceland | bulk, (Steel funnel 1m2/PUF foam) | Biweekly | PUF-foam 1000m$^3$/15days | Biweekly | GC-ECD |
| Latvia | | | Filer 1-pack, 380 m$^3$/monthly | 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. 20m3/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-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, 2006.*

| Country | Precipitation | | Air and aerosols | | Laboratory method | Participate in EMEP lab. Intercomp.[1] |
|---|---|---|---|---|---|---|
| | **Field method** | **Frequency** | **Field method** | **Frequency** | | |
| Austria | | | PM10 (High-vol) | 24h every 6th day | ICP-MS | yes |
| Belgium | wet only | weekly | PM10 | | ICP-MS | yes |
| Hg | wet only | weekly | PM10 | | CV-AAS | |
| Czech Republic | Bulk | Weekly | Filter-1pack | 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 | Filter-3pack | daily at DK3,8,31 weekly at DK11 | Precip: GF-AAS Aerosols: PIXE | yes |
| Hg | Bulk (Hg) | Monthly | Hg-monitor (Tekran) | continuously | | |
| Estonia | Bulk | Monthly | Sampling High Volume Sampler | Weekly | GF-AAS, Zn: F-AAS | yes |
| Spain | wet only | Weekly | High-vol, PM10 | 24h a week | GF-AAS | no |
| Finland | Bulk | Monthly | Teflon, Millipore, Fluoropore, 3 µm, 50 l/min, cut off 15 µm | weekly | ICP-MS | yes |
| Hg | Bulk (Hg) | Monthly | Hg: gold traps (TGM) | 2 X 24 h a week | CV-AFS | |
| | | | Hg: mini traps (TPM) | weekly | CV-AFS | |
| France | Bulk | Monthly | | | GF-AAS | yes |
| Great Britain | Bulk | GB06,17: monthly GB13,91: weekly | PM10, low volume sampler | Weekly | ICP-MS | yes |
| Ireland | Bulk | | | | ICP-MS | no |
| Hg | Bulk | Monthly | TGM: monitor (Tekran) | continuously | ICP-MS | |
| Iceland | Bulk | Weekly | High vol. | Biweekly | ICP-MS | (yes)[2] |
| Hg | | | High vol. | Biweekly | CV-AAS | |
| Lithuania | Bulk | Weekly | Low vol. 0.5-2 m3/h | weekly | GF-AAS | yes |
| Latvia | Bulk | Weekly | Filter-1pack | Weekly | Cd, Cu, Pb, Ni, As: GF-AAS, Mn, Zn: F-AAS | 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 | 48h a week | ICP-MS | yes |
| | | | NO01: PM10 KFG 2,3 l/h, quartz | Weekly | | |
| Hg | Bulk (Hg) | Monthly | TGM: monitor (Tekran) | continuously | CV-AFS | |

*Table 4, cont.*

| Country | Precipitation | | Air and aerosols | | Laboratory method | Participate in EMEP lab. Intercomp.[1] |
|---|---|---|---|---|---|---|
| | **Field method** | **Frequency** | **Field method** | **Frequency** | | |
| Poland, PL04 | Wet-only | Biweekly | | | GF-AAS (AVS from May); Zn: F-AAS<br>GF-AAS; Zn: F-AAS | Yes |
| Poland PL05 | Wet-only | Weekly | PM10 High vol., quartz filter | weekly (bulked 24h) | Precip.: GF-AAS, Zn: F-AAS;<br>Air: ICP; As: GF-AAS | yes |
| Hg | Bulk (Hg) | Weekly | Hg: gold traps (TGM) | 24h a week | AAS-AMAanalyzer | |
| Portugal | PT10: Wet-only,<br>PT01,03,04: bulk | Weekly<br>Daily | | | GF-AAS, Zn: F-AAS | yes |
| Sweden | Bulk | Monthly | Low volume sampler, teflon filter | monthly | ICP-MS | (yes)[2] |
| Hg | Bulk (Hg) | Monthly | Hg: gold traps (TGM) | 2 X 24 h a week | CV-AFS | |
| | | | Hg: mini traps (TPM) | 2 X 24 h a week | CV-AFS | |
| Slovenia | | | Low volume, PM10, quartz filters | 24 h every 6 days | ICP-MS | no |
| Slovakia | Wet-only: SK04, SK05, SK06, SK07.<br>Bulk: SK02 | Monthly | Filter-1pack, Nitrocellulose filters Sartorius 47m: 24-37 m3/day, SPM: SK02, SK07; 24 m3/day PM10/Partisol R&P/: SK04, SK05, SK06 | Weekly | Precipitation: GF-AAS; Zn: F-AAS,<br>As: MHS; Air: ICP-MS | yes |

[1] Countries participated in the intercomparison in 2006 (Uggerud et al., 2007)
[2] Samples shipped to NILU, Norway for analysis

AAS: Atomic Absorption Spectroscopy
GF-AAS: Graphic Furnace Atomic Absorption Spectroscopy
F-AAS: Furnace Atomic Absorption Spectroscopy
ICP-MS: Inductively Coupled Plasma - Mass Spectrometry
CV-AAS: Cold Vapour Atomic Fluorescence Spectroscopy

# 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 2006 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 have in general very high detection limits and these data are regarded as very uncertain. Also other countries like Slovenia and Belgium experience relatively high concentration levels but a large fraction of the data are undetectable which increases the uncertainty also of some of these measurements. 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.

### *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 Czech republic, Hungary, Slovakia, Lithuania and Spain.. The lowest concentrations of Pb during 2006 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. 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 Belgium, but also relatively high level in southern Sweden.

### *3.1.4 Lead in aerosols*

Figure 7 presents the annual averages of Pb in air in 2006. The lowest concentrations (below 1.2 ng Pb/m$^3$) can be seen in the arctic sites. Concentration maxima are seen in Slovakia and Belgium with concentrations around 13 ng Pb/m$^3$. The two sites in Slovenia and Austria also have relatively high concentrations.

### *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 the arctic sites. An increasing gradient can be seen south-eastward. The highest cadmium concentrations are observed in Slovakia, Poland and Austria with annual average above 0.3 ng Cd/m$^3$.

### *3.1.6 Mercury in air*

Concentrations of mercury in air are in the range 1.4–2 ng/m$^3$ for all the stations (Figure 9). The highest levels are seen in Germany and Belgium. 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 2006 (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BE0014R | 1.65 | *0.040* | 10.4 | 11.97 | *0.57* | *0.27* | 2.70 | - | *0.27* | - | - | - | 755 |
| CZ0001R | 7.66 | - | - | - | 0.56 | - | - | - | - | 4.03 | - | - | 961 |
| CZ0003R | 2.73 | 0.172 | - | - | *0.68* | - | - | - | - | 5.50 | - | - | 638 |
| DE0001R | 0.86 | 0.027 | 6.4 | 8.58 | 0.34 | 0.11 | 0.87 | 0.02 | 0.10 | 1.14 | 0.66 | 12 | 700 |
| DE0002R | 0.94 | 0.032 | 7.5 | - | 0.32 | 0.10 | 1.18 | 0.03 | 0.15 | 2.44 | 0.45 | 26 | 542 |
| DE0003R | 0.77 | 0.021 | 5.4 | - | 0.19 | 0.05 | 0.93 | 0.02 | 0.07 | 1.11 | 0.25 | 13 | 1850 |
| DE0007R | 1.22 | 0.039 | 8.8 | - | 0.63 | 0.11 | 1.89 | 0.04 | 0.16 | 4.68 | 0.38 | 28 | 466 |
| DE0008R | 1.69 | 0.052 | 9.3 | - | 0.31 | 0.09 | 2.44 | 0.02 | 0.13 | 1.53 | 0.30 | 16 | 1181 |
| DE0009R | 0.77 | 0.031 | 8.4 | 9.78 | 0.37 | 0.10 | 2.43 | 0.03 | 0.15 | 2.85 | - | 19 | 603 |
| DK0008R | 0.83 | 0.029 | 9.0 | - | 0.30 | 0.19 | 0.65 | - | 0.30 | - | - | - | 743 |
| DK0020R | 1.31 | 0.061 | 10.7 | - | 0.41 | 0.20 | 1.42 | - | 0.41 | - | - | - | 532 |
| DK0022R | 0.97 | 0.040 | 7.3 | - | 0.27 | 0.12 | 0.72 | - | 0.27 | - | - | - | 886 |
| DK0031R | 0.62 | 0.023 | 6.6 | - | 0.24 | 0.07 | 0.50 | - | 0.24 | - | - | - | 1057 |
| EE0009R | - | 0.055 | - | - | - | *0.51* | 5.25 | - | - | - | - | - | 444 |
| EE0011R | *0.55* | - | *9.4* | - | - | - | - | - | - | - | - | - | 510 |
| ES0008R | 3.01 | 0.078 | 82.0 | - | 28.18 | 0.28 | 14.71 | - | - | - | - | - | 863 |
| ES0009R | 7.18 | 0.097 | 38.8 | - | 5.01 | 0.31 | 12.34 | - | 15.32 | - | - | - | 444 |
| FI0008R | 0.29 | 0.012 | 1.6 | - | 0.53 | 0.06 | 2.04 | 0.02 | 0.10 | 0.86 | 0.15 | 10 | 259 |
| FI0017R | 1.77 | 0.057 | 7.1 | - | 0.28 | 0.21 | 1.83 | 0.03 | 0.21 | 2.98 | 0.62 | 49 | 474 |
| FI0022R | 0.48 | 0.021 | 2.8 | - | 0.25 | 0.11 | 1.19 | 0.01 | 0.12 | 1.38 | 0.24 | 10 | 459 |
| FI0036R | 0.41 | 0.018 | 2.2 | - | 0.19 | 0.06 | 1.16 | 0.01 | 0.06 | 1.69 | 0.2 | 11 | 495 |
| FI0053R | 0.73 | 0.025 | 4.7 | - | 0.29 | 0.08 | 1.74 | 0.05 | 0.18 | 2.23 | 0.59 | 32 | 306 |
| FI0092R | 0.80 | 0.030 | 3.9 | - | 0.17 | 0.08 | 1.05 | 0.01 | 0.13 | 1.62 | 0.30 | 19 | 576 |
| FI0093R | 0.80 | 0.029 | 3.3 | - | 0.22 | 0.09 | 1.01 | 0.01 | 0.10 | 2.06 | 0.38 | 14 | 608 |
| FI0096G | - | - | - | 7.30 | - | - | - | - | - | - | - | - | 328 |
| FR0090R | 0.21 | 0.048 | 2.5 | - | 0.30 | - | 0.66 | - | 0.06 | - | - | - | 917 |
| GB0006R | 0.23 | 0.006 | 1.6 | - | 0.13 | 0.22 | 0.41 | - | 0.10 | - | - | - | 1405 |
| GB0013R | 0.52 | 0.017 | 3.2 | 3.35 | 0.31 | 0.10 | 0.39 | - | 0.08 | - | - | - | 895 |
| GB0017R | 1.03 | 0.030 | 6.1 | 3.79 | 0.43 | 0.14 | 1.91 | - | 0.13 | - | - | - | 432 |
| GB0091R | 1.07 | 0.025 | 4.4 | 3.77 | 0.30 | 0.14 | 0.57 | - | 0.11 | - | - | - | 686 |
| HU0002R | 4.52 | 0.162 | - | - | - | - | - | - | - | - | - | - | 445 |
| IE0001R | *0.50* | *0.050* | *8.0* | *50.00* | *0.50* | *0.50* | *1.44* | - | *0.50* | *4.20* | *0.55* | - | 1754 |
| IS0090R | 0.44 | *0.010* | 4.2 | - | 0.74 | 0.12 | 2.62 | - | 0.19 | 3.14 | 1.33 | 160 | 952 |
| IS0091R | 0.35 | *0.009* | 8.1 | - | 0.97 | 0.06 | 1.86 | - | 0.26 | 2.58 | 0.57 | 129 | 2322 |
| IT0001R | 2.57 | - | 26.7 | - | - | - | 3.37 | - | - | - | - | - | 409 |
| LT0015R | 4.05 | 0.077 | 67.5 | - | 2.02 | 0.23 | 1.32 | - | 0.49 | - | - | - | 432 |
| LV0010R | 1.89 | 0.083 | 31.1 | - | 2.02 | *0.94* | 2.76 | - | - | *8.29* | - | - | 627 |
| LV0016R | 1.71 | 0.083 | 28.7 | - | 2.04 | *0.79* | 3.20 | - | - | *8.21* | - | - | 623 |
| NL0009R | 1.66 | 0.062 | 6.7 | - | 0.36 | 0.30 | 1.63 | - | *0.41* | - | - | - | 755 |
| NL0091R | 1.88 | 0.043 | 4.0 | 9.61 | 0.28 | 0.08 | 1.01 | - | *0.27* | - | - | - | 717 |
| NO0001R | 0.88 | *0.029* | 3.4 | 8.08 | *0.20* | 0.20 | 0.51 | *0.01* | *0.15* | - | 0.76 | - | 1839 |
| NO0039R | 0.17 | *0.010* | 1.9 | - | - | - | - | - | - | - | - | - | 1213 |
| NO0047R | 1.15 | 0.134 | 8.5 | - | 33.36 | 1.31 | 44.51 | 1.14 | *0.31* | - | - | - | 423 |
| NO0055R | 0.37 | *0.020* | 2.8 | - | - | - | - | - | - | - | - | - | 363 |
| NO0056R | 0.96 | *0.061* | 8.4 | - | - | - | - | - | - | - | - | - | 1063 |
| PL0004R | 0.97 | 0.102 | 5.4 | - | 0.28 | - | 0.90 | - | 0.11 | - | - | - | 538 |
| PL0005R | 1.01 | 0.095 | 5.5 | 11.22 | 0.84 | 0.37 | 2.37 | - | 0.10 | - | - | - | 504 |
| PT0001R | *0.65* | *0.425* | 42.0 | - | *1.11* | - | 1.33 | - | - | *3.51* | - | - | 830 |
| PT0003R | 1.34 | - | 39.5 | - | 1.30 | - | 1.46 | - | - | *2.05* | - | - | 1344 |
| PT0004R | *2.30* | *0.425* | 16.2 | - | *0.98* | - | 1.23 | - | - | *1.64* | - | - | 903 |
| PT0010R | *0.65* | *0.425* | 39.0 | - | *1.19* | - | 1.83 | - | - | *1.15* | - | - | 1200 |
| SE0014R | - | - | - | 10.04 | - | - | - | - | - | - | - | - | 601 |
| SE0051R | 0.84 | 0.038 | 6.7 | - | 0.20 | 0.10 | 1.37 | 0.03 | 0.15 | 4.85 | 0.58 | - | 921 |
| SE0097R | 0.65 | 0.028 | 5.0 | - | 0.21 | 0.05 | *0.80* | 0.02 | 0.14 | 1.48 | 0.71 | - | 1375 |
| SK0002R | 3.60 | 0.155 | 33.5 | - | 0.61 | 0.60 | 2.37 | - | 0.33 | - | - | - | 686 |
| SK0004R | 2.24 | 0.219 | 10.8 | - | 0.39 | 0.26 | 1.36 | - | 0.09 | - | - | - | 603 |
| SK0005R | 2.61 | 0.139 | 11.2 | - | 1.29 | 0.41 | 2.45 | - | 0.32 | - | - | - | 536 |
| SK0006R | 2.28 | 0.087 | 8.4 | - | 0.34 | 0.19 | 1.19 | - | 0.07 | - | - | - | 749 |
| SK0007R | 2.39 | 0.086 | 7.1 | - | 0.77 | 0.30 | 1.39 | - | 0.10 | - | - | - | 503 |

*Data in Italic and smaller font are considered uncertain (more than 50% of data are below detection limit).*

*Table 6: Annual average concentration of heavy metals in air in 2006 (ng/m$^3$). 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AT0002R | 9.57 | 0.344 | - | - | 1.74 | 1.80 | - | - | - | - | - | - |
| AT0005R | 4.77 | 0.190 | - | - | 1.61 | - | - | - | - | - | - | - |
| AT0048R | 3.08 | - | - | - | 1.20 | - | - | - | - | - | - | - |
| BE0014R | 13.53 | 0.258 | 36.7 | 2.01 | 5.08 | 1.08 | 6.78 | 3.98 | - | - | - | - |
| CZ0001R | 8.11 | 0.211 | - | - | 0.75 | 0.96 | 2.34 | - | - | 4.93 | - | - |
| CZ0003R | 5.65 | 0.166 | - | - | 0.58 | 0.94 | 1.42 | - | - | 2.09 | - | - |
| DE0001R | 4.42 | 0.115 | 13.6 | - | 1.54 | 0.49 | 2.14 | 0.05 | - | 2.46 | 3.67 | 78 |
| DE0002R | 7.96 | 0.204 | 23.7 | 2.01 | 1.07 | 0.85 | 3.01 | 0.08 | - | 4.27 | 1.92 | 94 |
| DE0003R | 2.54 | 0.064 | 7.7 | - | 0.42 | 0.21 | 1.90 | 0.06 | - | 2.33 | 0.71 | 88 |
| DE0007R | 8.68 | 0.233 | 36.7 | - | 1.02 | 1.06 | 2.56 | 0.11 | - | 3.96 | 1.70 | 96 |
| DE0008R | 3.68 | 0.093 | 12.3 | - | 0.56 | 0.35 | 2.69 | 0.04 | - | 2.42 | 1.26 | 76 |
| DE0009R | 6.57 | 0.168 | 17.2 | 1.72 | 2.04 | 0.77 | 4.25 | 0.07 | - | 3.17 | 4.59 | 77 |
| DK0003R | 4.55 | - | 14.6 | - | 1.22 | 0.67 | 1.64 | - | *0.39* | 4.88 | - | 133 |
| DK0005R | 5.88 | - | 15.6 | - | 2.56 | 0.57 | 1.98 | - | *0.47* | 3.46 | - | 104 |
| DK0008R | 4.07 | - | 11.1 | - | 1.85 | 0.47 | 1.22 | - | *0.26* | 2.57 | - | 66 |
| DK0031R | 3.96 | - | 11.3 | - | 1.18 | 0.43 | 1.11 | - | *0.26* | 2.59 | - | 76 |
| ES0008R | 6.92 | 0.112 | - | - | - | - | 25.38 | - | - | - | - | - |
| ES0009R | 2.00 | - | 10.8 | - | 0.66 | 0.13 | 43.47 | - | 0.86 | - | - | - |
| FI0036R | 1.14 | 0.039 | 2.9 | - | 0.54 | 0.18 | 0.49 | 0.03 | 0.15 | 0.89 | 0.59 | 36 |
| FI0096G | - | - | - | 1.37 | - | - | - | - | - | - | - | - |
| GB0013R | 4.77 | 0.093 | *8.6* | 1.45(p) | 1.47 | 0.60 | 1.23 | - | *0.33* | - | - | - |
| GB0017R | 7.18 | 0.141 | *10.8* | 1.90(p) | 2.05 | 0.60 | 1.35 | - | 0.71 | - | - | - |
| GB0091R | 2.83 | 0.068 | *7.4* | 1.40(p) | 0.65 | 0.30 | *0.66* | - | *0.37* | - | - | - |
| HU0002R | 5.91 | 0.130 | - | - | - | - | - | - | - | - | - | - |
| IE0031R | - | - | - | 1.48 | - | - | - | - | - | - | - | - |
| IS0091R | 2.42 | 0.077 | 8.6 | 1.48(p) | 23.56 | 0.19 | 2.37 | - | 14.60 | 15.44 | 3.45 | 819 |
| LT0015R | 6.89 | 0.198 | 19.7 | - | 0.82 | 0.60 | 1.45 | - | 0.25 | - | - | - |
| LV0010R | 5.22 | 0.215 | 29.1 | - | - | 0.58 | 1.29 | - | - | - | - | - |
| LV0016R | 3.08 | 0.149 | 13.1 | - | 0.66 | 0.38 | 1.04 | - | - | 16.12 | - | - |
| NL0008R | 8.35 | 0.233 | 26.3 | - | 1.87 | 0.82 | - | - | - | - | - | - |
| NL0009R | 5.46 | 0.142 | 19.6 | - | 1.61 | 0.48 | - | - | - | - | - | - |
| NO0001R | 2.01 | 0.063 | 5.8 | 1.76 | 0.75 | 0.31 | 1.56 | 0.05 | *1.16* | - | 1.20 | - |
| NO0042G | 0.44 | 0.016 | 1.6 | 1.60 | 0.05 | *0.05* | 0.30 | 0.01 | *0.08* | 0.34 | 0.10 | - |
| PL0005R | 9.49 | 0.335 | 25.1 | 1.46 | 1.29 | 0.96 | 2.20 | - | 0.91 | - | - | - |
| SE0014R | 5.78 | 0.146 | - | 1.60 | 2.02 | 0.85 | - | - | - | - | - | - |
| SI0008R | *9.05* | *0.227* | - | - | *1.89* | *0.61* | - | - | - | - | - | - |
| SK0002R | 2.72 | 0.085 | 6.4 | - | 0.60 | 0.22 | 1.24 | - | 0.97 | 2.78 | - | - |
| SK0004R | 9.25 | 0.228 | 16.2 | - | 0.51 | 0.67 | 2.19 | - | 0.65 | 4.80 | - | - |
| SK0005R | 13.79 | 0.398 | 26.5 | - | 0.84 | 1.70 | 2.59 | - | 0.78 | 22.09 | - | - |
| SK0006R | 11.88 | 0.325 | 16.6 | - | 0.71 | 0.76 | 2.25 | - | 0.71 | 6.06 | - | - |
| SK0007R | 12.73 | 0.304 | 19.8 | - | 2.52 | 1.05 | 3.63 | - | 2.65 | 9.29 | - | - |

*Data in Italic and smaller font are considered uncertain (more than 50% of data are below detection limit).*

*p: means Hg in particulate otherwise gaseous (TGM)*

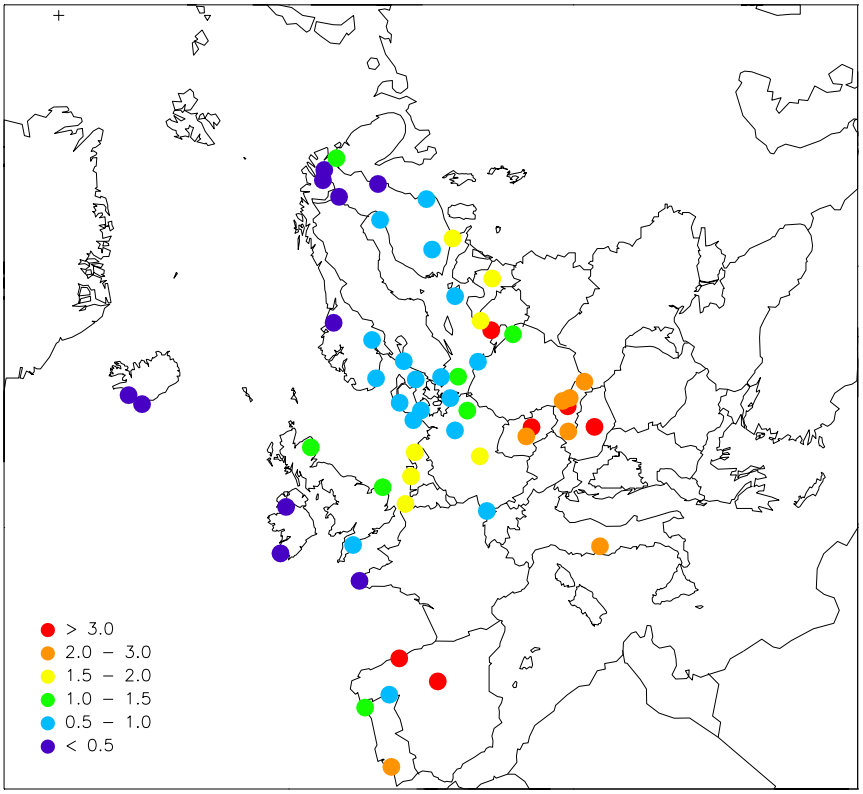


*Figure 4: Lead in precipitation, 2006 (µg/l).*

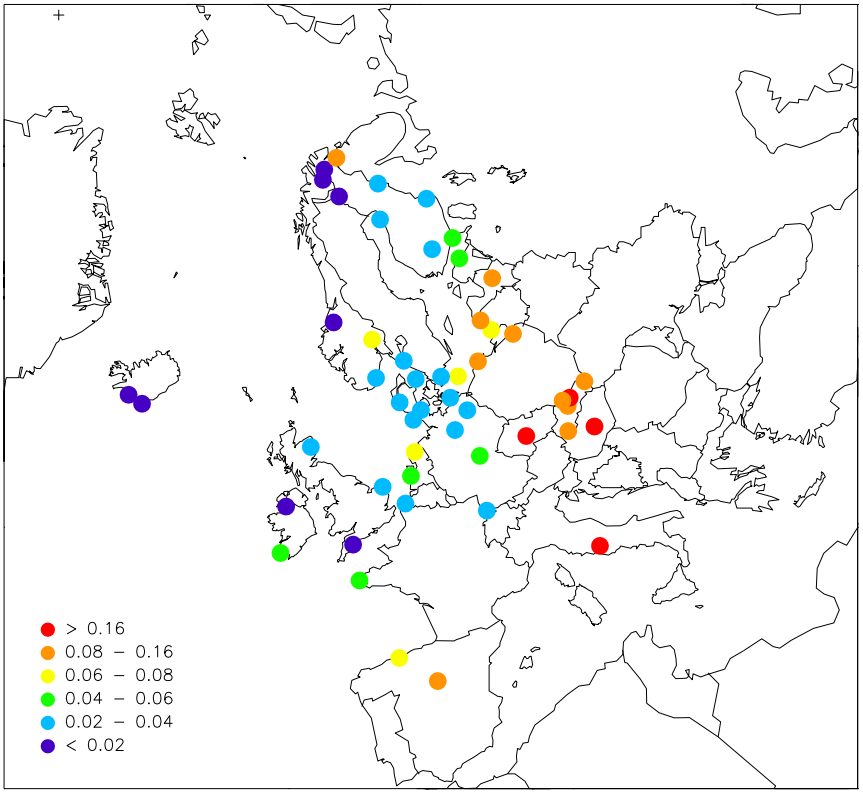


*Figure 5: Cadmium in precipitation, 2006 (µg/l).*

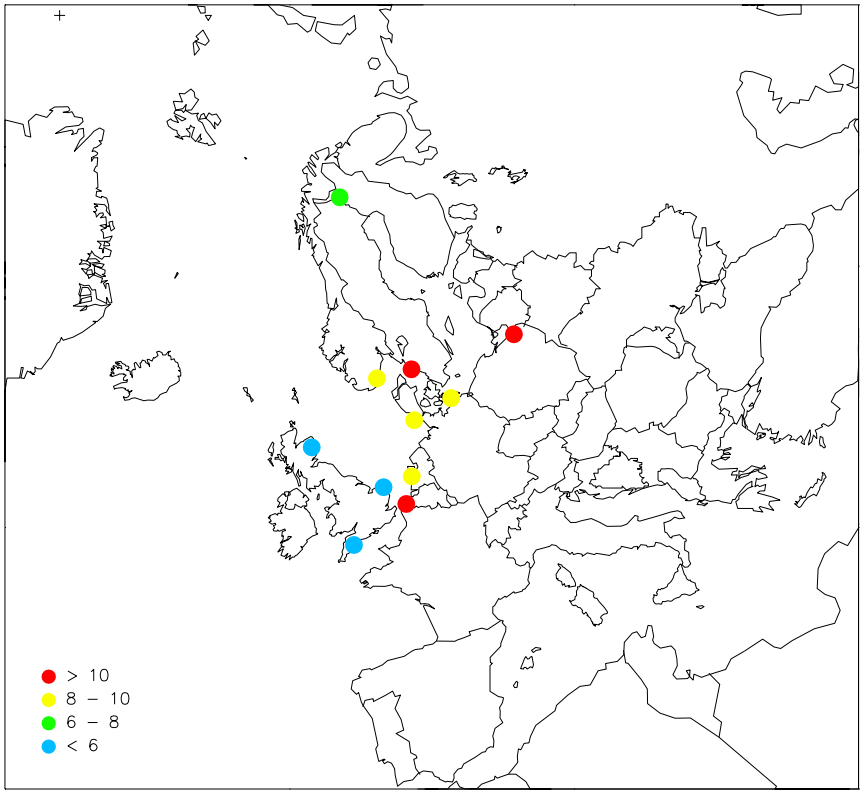


*Figure 6: Mercury in precipitation, 2006(ng/l).*

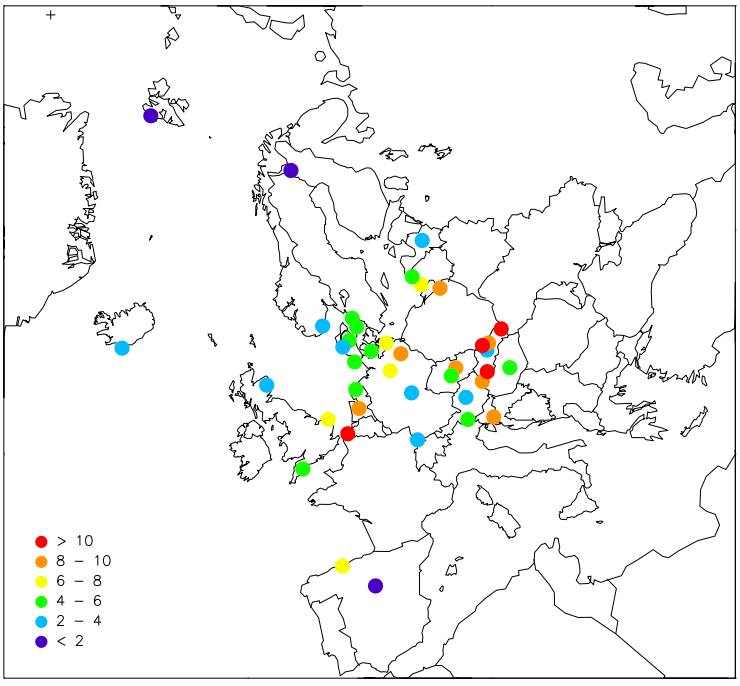


*Figure 7: Lead in aerosols, 2006 (ng/m³).*

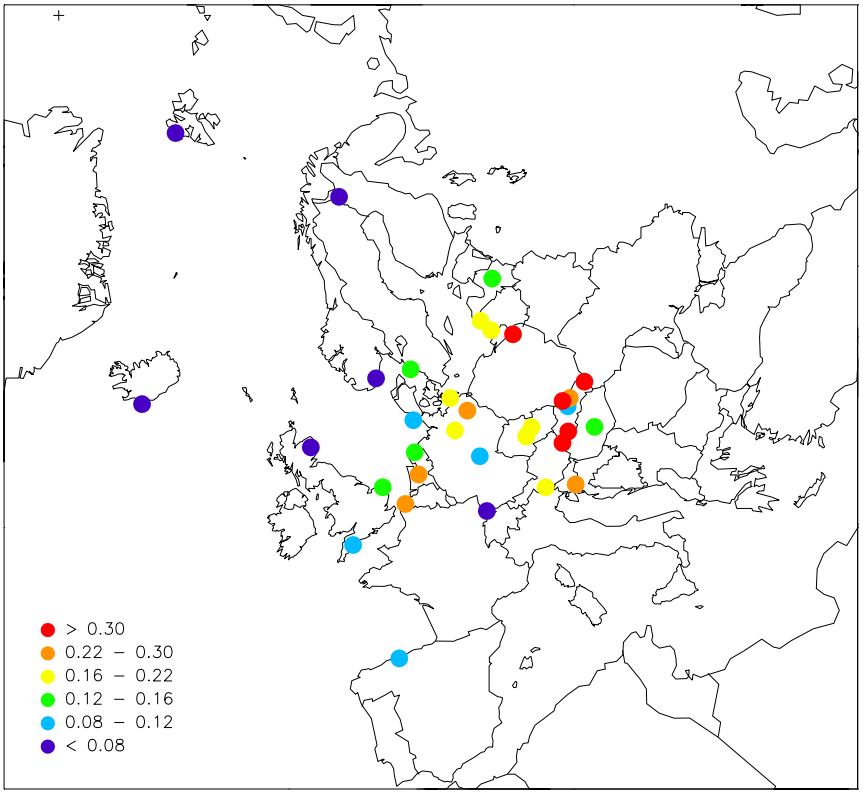


*Figure 8: Cadmium in aerosols, 2006 (ng/m³).*

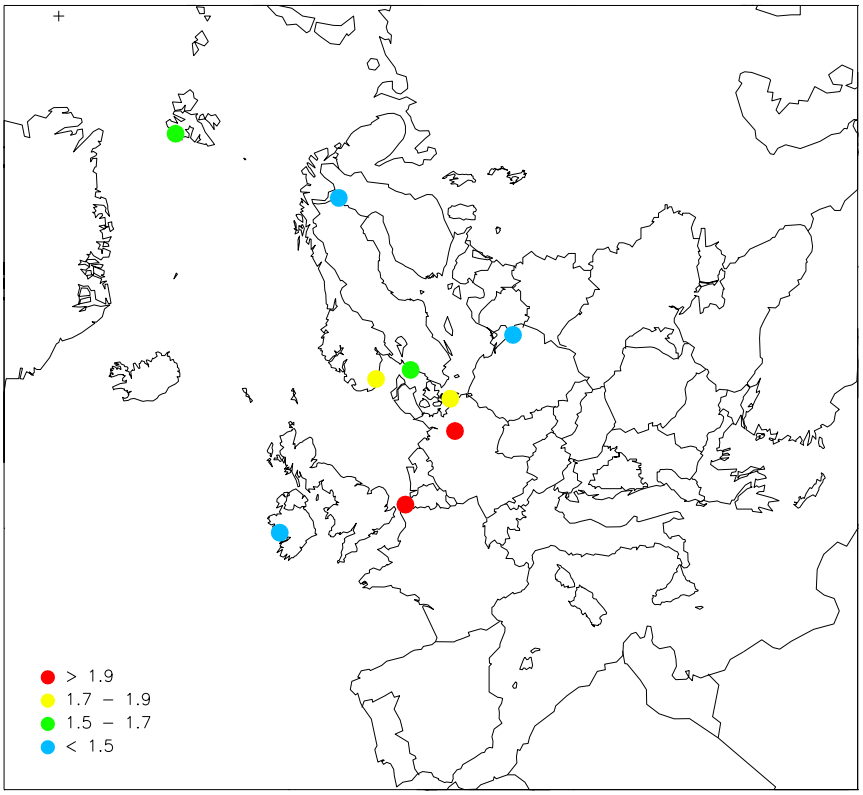


*Figure 9: Mercury in air, 2006 (ng/m³).*

## 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.

It is somewhat strange that the benzo-a-pyrene level is 5 times higher at LV10 compared to LV16 (annex 4 and 8). The differences are mainly seen during the winter period. Maybe this is due to influence from local sources or contamination problems. To get an opinion of the quality of the EMEP data one may use the results from the laboratory intercomparison that was completed some years ago (EMEP/CCC report 10/2003). A new intercomparison is scheduled for 2009.

In 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 were 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). They carried out a campaign during the summer of 2002, deploying 71 passive air samplers throughout Europe, and found that the atmospheric levels of PCBs were found to vary by as much as two orders of magnitude. Elevated levels were found in urban areas, suggesting that densely populated regions tend to be key contemporary source regions of PCBs to the atmosphere.

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.

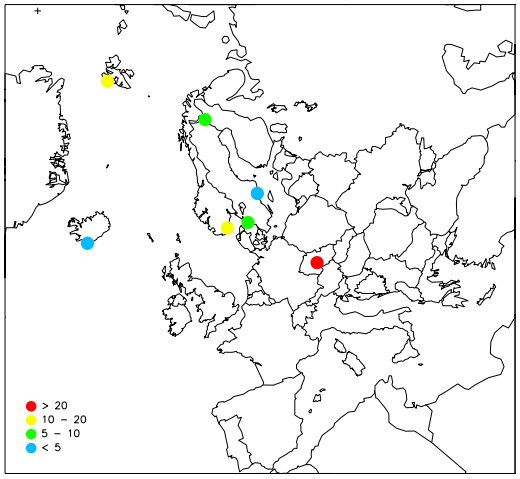


*Figure 10: α-HCH in air, 2006 (pg/m$^3$).*

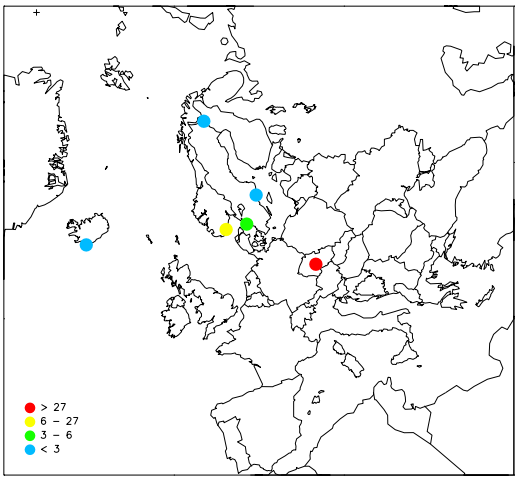


*Figure 11: γ– HCH in air, 2006 (pg/m$^3$).*

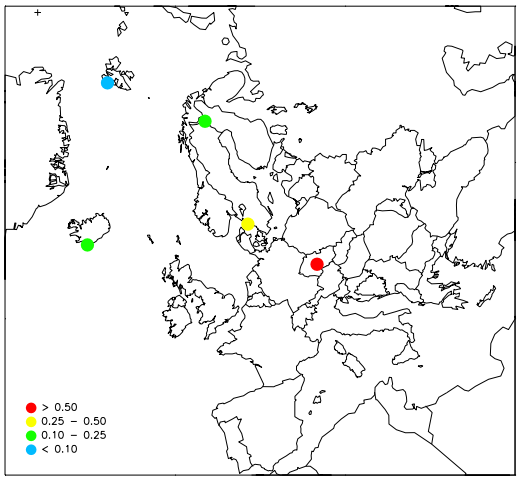


*Figure 12: pp-DDD in air, 2006 (pg/m$^3$).*

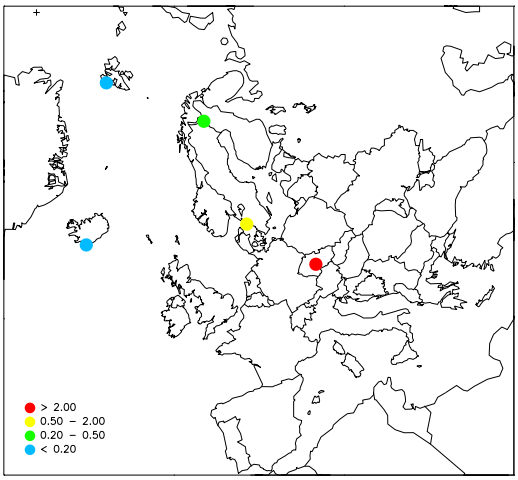


*Figure 13: pp-DDT in air, 2006 (pg/m$^3$).*

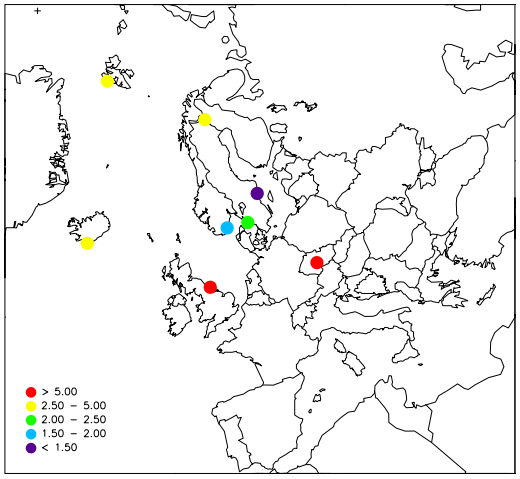


*Figure 14: PCB-28 in air, 2006 (pg/m$^3$).*

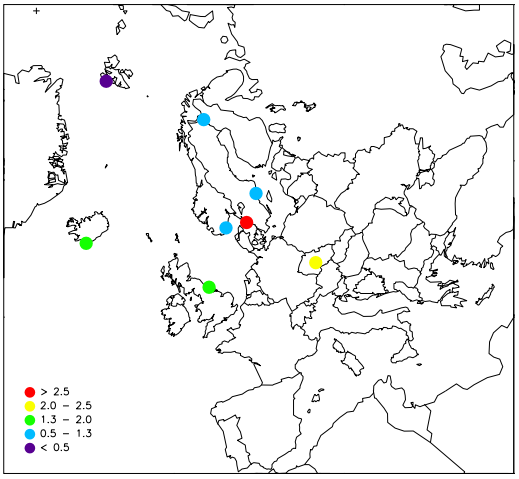


*Figure 15: PCB-101 in air, 2006 (pg/m$^3$).*

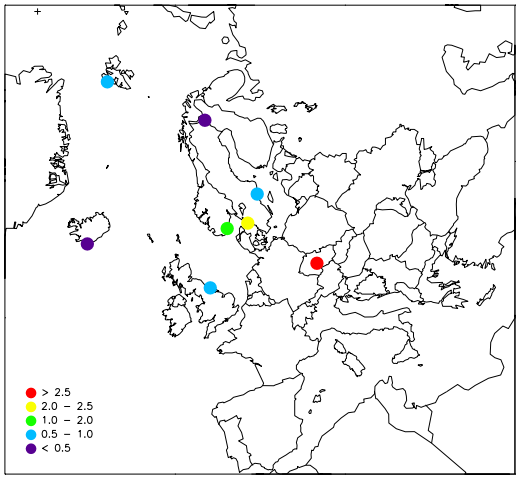


*Figure 16: PCB-153 in air, 2006 (pg/m$^3$).*

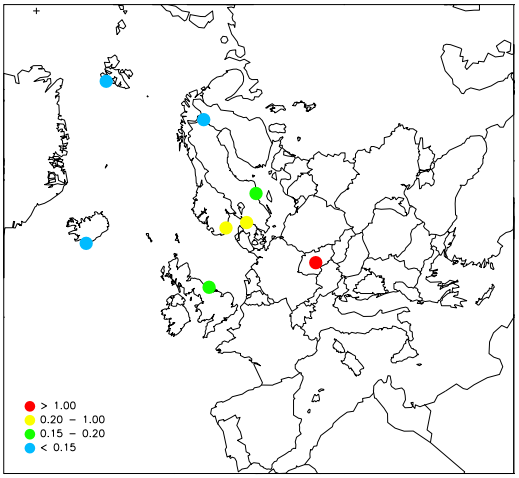


*Figure 17: PCB-180 in air, 2006 (pg/m$^3$).*

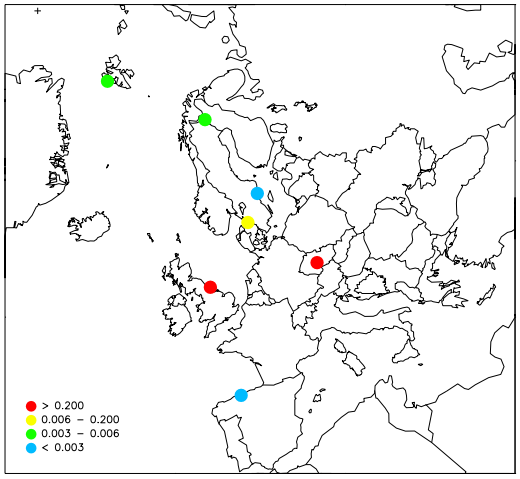


*Figure 18: Anthracene in air, 2006 (pg/m$^3$).*

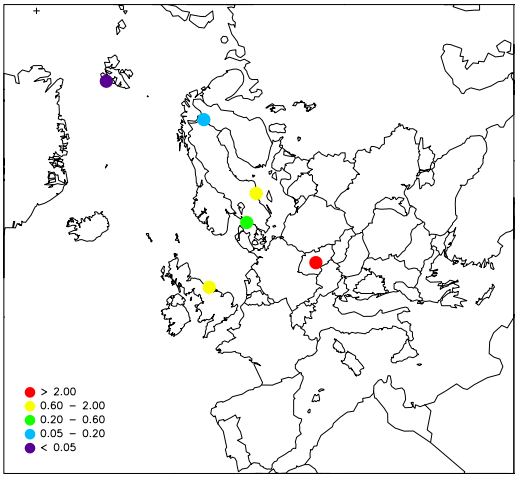


*Figure 19: Fluoranthene in air, 2006 (pg/m$^3$).*

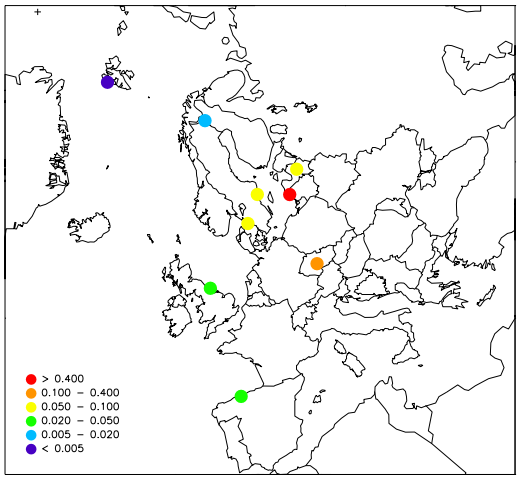


*Figure 20: Benzo-a-pyrene (BaP) in air, 2006 (ng/m$^3$).*

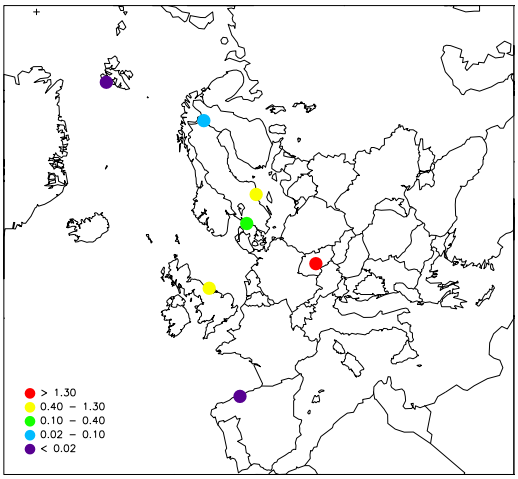


*Figure 21: Pyrene in air, 2006 (ng/m$^3$).*

## 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 1 June 2008. 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. 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.

It is important that all the countries deliver data on schedule every year so they can be included in the data report. Data delivered after the deadline will be included in the database only, which reduce the availability of the data. CCC will still appreciate receiving old data for the database. These data will be quality checked and transferred to the database in the same way as newer data. It is important that the participants give information on sampling, analytical methods and quality control.

## 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 2006, 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 | Marjory Desmedt |
| Czech Republic | Czech Hydrometeorological Institute | Jaroslav Pekarek |
| Denmark | National Environmental Research Institute | Kåre Kemp |
| Estonia | Estonian Environmental Research Centre | Naima Kabral |
| Finland | Finnish Meteorological Institute | Sirkka Leppanen |
| France | Université de Bretagne | Jean Yves Cabon |
| Germany | Umweltbundesamt, Berlin | Elke Bieber |
| Hungary | Hungarien Meterological Service | Ferenczi Zita |
| Iceland | The Icelandic Meteorological Office | Johanna Thorlacius |
| Ireland | Environmental Protection Agency (EPA) | Ciaran O'Donnell/Stephan Leinert |
| Latvia | Latvian Hydrometeorological Agency | Iraida Lyulko |
| 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 | Gabriela Przybylska |
| | 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 | Swedish Water and Air Pollution Research Institute (IVL) | Karin Sjöberg / Gunilla. Pihl Karlsson |
| United Kingdom | AEA Technology and<br>CEH | Peter Coleman and<br>Alan Mc Donald |

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# Annex 1

# Annual statistics for heavy metals in precipitation

BE0014R Koksijde

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.27 | 0.26 | 0.27 | 199.7 | 99.8 | 41 | 41 |
| Cd | 0.04 | 0.03 | 0.25 | 30.2 | 99.8 | 26 | 41 |
| Cr | 0.27 | 0.26 | 0.61 | 201.9 | 99.8 | 40 | 41 |
| Cu | 2.70 | 0.53 | 9.13 | 2035.3 | 99.8 | 1 | 41 |
| Hg | 11.97 | 0.01 | 57.50 | 12586.8 | 100.0 | 0 | 40 |
| Ni | 0.57 | 0.27 | 4.22 | 433.7 | 99.8 | 21 | 41 |
| Pb | 1.65 | 0.27 | 10.89 | 1249.2 | 99.8 | 7 | 41 |
| Zn | 10.41 | 5.26 | 67.87 | 7859.7 | 99.8 | 18 | 41 |

CZ0001R Svratouch

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Mn | 4.03 | 0.20 | 140.63 | 3877.7 | 100.0 | 5 | 47 |
| Ni | 0.56 | 0.30 | 4.08 | 538.2 | 100.0 | 21 | 47 |
| Pb | 7.66 | 0.25 | 62.50 | 7364.7 | 100.0 | 3 | 47 |

CZ0003R Kosetice

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Cd | 0.17 | 0.04 | 0.52 | 109.5 | 97.9 | 0 | 46 |
| Mn | 5.50 | 0.20 | 86.37 | 3506.7 | 97.3 | 2 | 45 |
| Ni | 0.68 | 0.30 | 18.47 | 433.5 | 97.9 | 26 | 46 |
| Pb | 2.73 | 0.25 | 11.45 | 1739.2 | 97.9 | 5 | 46 |

DE0001R Westerland

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.11 | 0.02 | 0.35 | 78.0 | 99.8 | 0 | 38 |
| Cd | 0.03 | 0.00 | 0.12 | 19.5 | 99.8 | 0 | 38 |
| Co | 0.02 | 0.00 | 0.23 | 12.6 | 99.8 | 0 | 38 |
| Cr | 0.10 | 0.01 | 0.62 | 73.9 | 99.8 | 0 | 38 |
| Cu | 0.87 | 0.29 | 5.41 | 629.6 | 99.8 | 0 | 38 |
| Fe | 12.34 | 1.90 | 176.90 | 8944.9 | 99.8 | 0 | 38 |
| Hg | 8.58 | 3.50 | 43.10 | 6002.7 | 97.4 | 0 | 42 |
| Mn | 1.14 | 0.12 | 15.96 | 828.9 | 99.8 | 0 | 38 |
| Ni | 0.34 | 0.05 | 1.19 | 244.4 | 99.8 | 0 | 38 |
| Pb | 0.86 | 0.17 | 3.38 | 627.1 | 99.8 | 0 | 38 |
| V | 0.66 | 0.10 | 2.02 | 476.9 | 99.8 | 0 | 38 |
| Zn | 6.40 | 0.90 | 32.10 | 4640.3 | 99.8 | 0 | 38 |
| Sb | 0.08 | 0.01 | 0.40 | 61.2 | 99.9 | 0 | 37 |

DE0002R Langenbrügge

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.10 | 0.02 | 0.48 | 57.1 | 98.9 | 0 | 38 |
| Cd | 0.03 | 0.01 | 0.19 | 17.6 | 98.9 | 0 | 38 |
| Co | 0.03 | 0.01 | 0.13 | 14.5 | 98.9 | 0 | 38 |
| Cr | 0.15 | 0.03 | 0.56 | 79.5 | 98.9 | 0 | 38 |
| Cu | 1.18 | 0.35 | 6.86 | 639.3 | 98.9 | 0 | 38 |
| Fe | 25.83 | 4.80 | 144.40 | 14001.2 | 98.9 | 0 | 38 |
| Mn | 2.44 | 0.48 | 18.68 | 1325.0 | 98.9 | 0 | 38 |
| Ni | 0.32 | 0.12 | 1.05 | 172.1 | 98.9 | 0 | 38 |
| Pb | 0.94 | 0.17 | 6.35 | 507.0 | 98.9 | 0 | 38 |
| Se | 0.18 | 0.07 | 0.52 | 95.4 | 98.5 | 0 | 37 |
| V | 0.45 | 0.10 | 1.70 | 242.9 | 98.9 | 0 | 38 |
| Zn | 7.51 | 2.00 | 32.60 | 4073.3 | 98.3 | 0 | 37 |
| Sb | 0.11 | 0.04 | 0.48 | 60.7 | 98.5 | 0 | 37 |
| Sr | 0.82 | 0.18 | 3.28 | 445.8 | 98.5 | 0 | 37 |
| Tl | 0.01 | 0.00 | 0.03 | 4.6 | 98.5 | 0 | 37 |

DE0003R Schauinsland

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.05 | 0.01 | 0.29 | 98.9 | 100.0 | 0 | 46 |
| Cd | 0.02 | 0.01 | 0.11 | 38.5 | 100.0 | 0 | 46 |
| Co | 0.02 | 0.00 | 0.18 | 29.5 | 100.0 | 0 | 46 |
| Cr | 0.07 | 0.01 | 0.44 | 139.5 | 100.0 | 0 | 46 |
| Cu | 0.93 | 0.20 | 4.53 | 1727.7 | 98.3 | 0 | 43 |
| Fe | 12.60 | 1.00 | 192.80 | 23314.6 | 100.0 | 0 | 46 |
| Mn | 1.11 | 0.22 | 12.41 | 2047.7 | 100.0 | 0 | 46 |
| Ni | 0.19 | 0.04 | 0.87 | 345.6 | 97.7 | 0 | 43 |
| Pb | 0.77 | 0.16 | 2.83 | 1429.2 | 100.0 | 0 | 46 |
| Se | 0.09 | 0.00 | 0.39 | 166.0 | 99.3 | 0 | 45 |
| V | 0.25 | 0.04 | 1.09 | 455.1 | 100.0 | 0 | 46 |
| Zn | 5.45 | 1.60 | 23.30 | 10083.0 | 100.0 | 0 | 46 |
| Sb | 0.07 | 0.02 | 0.38 | 126.4 | 99.3 | 0 | 45 |
| Sr | 0.45 | 0.09 | 7.33 | 867.1 | 99.3 | 0 | 45 |
| Tl | 0.01 | 0.00 | 0.02 | 9.8 | 99.3 | 0 | 45 |

DE0007R Neuglobsow

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.11 | 0.03 | 0.69 | 49.3 | 93.3 | 0 | 37 |
| Cd | 0.04 | 0.02 | 0.24 | 18.0 | 97.4 | 0 | 38 |
| Co | 0.04 | 0.01 | 0.34 | 17.9 | 97.4 | 0 | 38 |
| Cr | 0.16 | 0.08 | 0.91 | 74.8 | 97.4 | 0 | 38 |
| Cu | 1.89 | 0.46 | 15.09 | 882.7 | 97.4 | 0 | 38 |
| Fe | 27.98 | 4.30 | 163.80 | 13043.6 | 97.4 | 0 | 38 |
| Mn | 4.68 | 0.45 | 35.84 | 2182.2 | 97.4 | 0 | 38 |
| Ni | 0.63 | 0.30 | 3.96 | 292.1 | 97.4 | 0 | 38 |
| Pb | 1.22 | 0.34 | 10.13 | 567.3 | 97.4 | 0 | 38 |
| Se | 0.12 | 0.00 | 0.49 | 54.3 | 96.6 | 0 | 37 |
| V | 0.38 | 0.11 | 1.60 | 178.5 | 97.4 | 0 | 38 |
| Zn | 8.79 | 2.50 | 57.60 | 4100.0 | 97.0 | 0 | 37 |
| Sb | 0.10 | 0.03 | 0.62 | 44.9 | 96.6 | 0 | 37 |
| Sr | 0.89 | 0.21 | 5.12 | 413.4 | 96.6 | 0 | 37 |
| Tl | 0.01 | 0.00 | 0.04 | 4.3 | 96.6 | 0 | 37 |

DE0008R Schmücke

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.09 | 0.02 | 0.35 | 99.9 | 94.1 | 0 | 41 |
| Cd | 0.05 | 0.01 | 0.57 | 61.8 | 94.1 | 0 | 41 |
| Co | 0.02 | 0.00 | 0.25 | 23.8 | 94.1 | 0 | 41 |
| Cr | 0.13 | 0.08 | 0.69 | 158.4 | 94.1 | 0 | 41 |
| Cu | 2.44 | 0.38 | 8.74 | 2883.3 | 87.9 | 0 | 38 |
| Fe | 16.17 | 3.10 | 258.20 | 19100.5 | 94.1 | 0 | 41 |
| Mn | 1.53 | 0.27 | 15.23 | 1802.2 | 94.1 | 0 | 41 |
| Ni | 0.31 | 0.08 | 2.08 | 362.9 | 92.5 | 0 | 39 |
| Pb | 1.69 | 0.30 | 20.42 | 1990.5 | 94.1 | 0 | 41 |
| Se | 0.17 | 0.06 | 0.51 | 203.1 | 93.8 | 0 | 40 |
| V | 0.30 | 0.09 | 1.09 | 350.5 | 94.1 | 0 | 41 |
| Zn | 9.34 | 3.40 | 73.10 | 11029.8 | 94.1 | 0 | 41 |
| Sb | 0.13 | 0.04 | 0.55 | 149.5 | 93.8 | 0 | 40 |
| Sr | 0.79 | 0.13 | 5.89 | 931.5 | 93.8 | 0 | 40 |
| Tl | 0.01 | 0.00 | 0.03 | 8.7 | 93.8 | 0 | 40 |

DE0009R Zingst

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.10 | 0.00 | 0.64 | 58.7 | 99.6 | 1 | 40 |
| Cd | 0.03 | 0.00 | 0.19 | 19.0 | 99.6 | 1 | 40 |
| Co | 0.03 | 0.00 | 0.22 | 15.1 | 99.6 | 0 | 40 |
| Cr | 0.15 | 0.09 | 0.66 | 93.5 | 99.6 | 0 | 40 |
| Cu | 2.43 | 0.26 | 13.40 | 1486.6 | 93.3 | 0 | 36 |
| Fe | 18.65 | 1.60 | 113.00 | 11416.8 | 99.6 | 0 | 40 |
| Hg | 9.78 | 2.50 | 43.20 | 5897.7 | 99.6 | 0 | 42 |
| Mn | 2.85 | 0.02 | 27.61 | 1745.1 | 99.6 | 0 | 40 |
| Ni | 0.37 | 0.10 | 2.17 | 224.3 | 99.6 | 0 | 40 |
| Pb | 0.77 | 0.05 | 4.64 | 471.1 | 99.6 | 0 | 40 |
| Zn | 8.44 | 0.50 | 46.80 | 5164.4 | 99.6 | 0 | 40 |
| Sb | 0.07 | 0.00 | 0.42 | 44.7 | 99.9 | 0 | 39 |

DK0008R Anholt

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.19 | 0.09 | 0.41 | 138.1 | 100.0 | 0 | 12 |
| Cd | 0.03 | 0.01 | 0.10 | 21.7 | 100.0 | 0 | 12 |
| Cr | 0.30 | 0.17 | 0.76 | 220.6 | 100.0 | 0 | 12 |
| Cu | 0.65 | 0.31 | 1.64 | 479.9 | 100.0 | 0 | 12 |
| Ni | 0.30 | 0.17 | 0.76 | 220.6 | 100.0 | 0 | 12 |
| Pb | 0.83 | 0.43 | 2.10 | 618.3 | 100.0 | 0 | 12 |
| Zn | 9.02 | 2.84 | 26.82 | 6705.6 | 100.0 | 0 | 12 |

DK0020R Pedersker

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.20 | 0.07 | 0.82 | 106.6 | 100.0 | 0 | 12 |
| Cd | 0.06 | 0.02 | 0.17 | 32.6 | 100.0 | 0 | 12 |
| Cr | 0.41 | 0.13 | 1.68 | 219.8 | 100.0 | 0 | 12 |
| Cu | 1.42 | 0.47 | 4.64 | 756.3 | 100.0 | 0 | 12 |
| Ni | 0.41 | 0.13 | 1.68 | 219.8 | 100.0 | 0 | 12 |
| Pb | 1.31 | 0.55 | 2.71 | 697.9 | 100.0 | 0 | 12 |
| Zn | 10.69 | 4.61 | 47.43 | 5683.0 | 100.0 | 0 | 12 |

DK0022R Sepstrup Sande

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.12 | 0.06 | 0.24 | 103.0 | 100.0 | 0 | 12 |
| Cd | 0.04 | 0.02 | 0.29 | 35.5 | 100.0 | 0 | 12 |
| Cr | 0.27 | 0.07 | 0.56 | 238.0 | 100.0 | 0 | 12 |
| Cu | 0.72 | 0.36 | 4.21 | 641.0 | 93.3 | 0 | 10 |
| Ni | 0.27 | 0.07 | 0.56 | 238.0 | 100.0 | 0 | 12 |
| Pb | 0.97 | 0.62 | 2.34 | 861.9 | 100.0 | 0 | 12 |
| Zn | 7.27 | 3.73 | 37.66 | 6445.1 | 100.0 | 0 | 12 |

DK0031R Ulborg

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.07 | 0.05 | 0.17 | 76.9 | 100.0 | 0 | 12 |
| Cd | 0.02 | 0.01 | 0.05 | 24.2 | 100.0 | 0 | 12 |
| Cr | 0.24 | 0.13 | 0.56 | 257.3 | 100.0 | 0 | 12 |
| Cu | 0.50 | 0.23 | 1.05 | 524.9 | 97.0 | 0 | 11 |
| Ni | 0.24 | 0.13 | 0.56 | 257.3 | 100.0 | 0 | 12 |
| Pb | 0.62 | 0.15 | 1.10 | 651.5 | 100.0 | 0 | 12 |
| Zn | 6.60 | 4.02 | 17.21 | 6975.7 | 85.6 | 0 | 11 |

EE0009R Lahemaa

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.51 | 0.50 | 1.00 | 226.8 | 100.0 | 11 | 12 |
| Cd | 0.06 | 0.01 | 0.23 | 24.5 | 100.0 | 5 | 12 |
| Cu | 5.25 | 0.50 | 20.50 | 2330.9 | 100.0 | 1 | 12 |

EE0011R Vilsandi

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Pb | 0.55 | 0.50 | 99.90 | 281.4 | 100.0 | 10 | 12 |
| Zn | 9.38 | 5.00 | 99.90 | 4782.3 | 100.0 | 7 | 12 |

ES0008R Niembro

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.28 | 0.05 | 0.97 | 237.5 | 100.0 | 2 | 46 |
| Cd | 0.08 | 0.03 | 0.48 | 67.1 | 100.0 | 4 | 46 |
| Cr | 85.46 | 1.89 | 1260.66 | 73714.4 | 100.0 | 0 | 46 |
| Cu | 14.71 | 0.21 | 42.39 | 12690.0 | 100.0 | 1 | 46 |
| Ni | 28.18 | 3.14 | 228.23 | 24309.0 | 100.0 | 0 | 46 |
| Pb | 3.01 | 0.11 | 16.57 | 2594.3 | 100.0 | 0 | 46 |
| Zn | 82.05 | 10.51 | 903.82 | 70768.5 | 100.0 | 0 | 46 |

ES0009R Campisábalos

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.31 | 0.05 | 1.42 | 137.4 | 100.0 | 3 | 38 |
| Cd | 0.10 | 0.03 | 0.55 | 43.0 | 100.0 | 17 | 38 |
| Cr | 15.32 | 3.76 | 158.74 | 6796.2 | 100.0 | 0 | 38 |
| Cu | 12.34 | 0.21 | 139.61 | 5471.2 | 100.0 | 3 | 38 |
| Ni | 5.01 | 1.07 | 36.33 | 2224.1 | 100.0 | 3 | 38 |
| Pb | 7.18 | 0.10 | 50.93 | 3184.3 | 100.0 | 1 | 38 |
| Zn | 38.84 | 10.40 | 397.58 | 17224.5 | 100.0 | 0 | 38 |

FI0008R Kevo

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Al | 4.53 | 1.93 | 19.45 | 1173.7 | 100.0 | 0 | 11 |
| As | 0.06 | 0.01 | 0.33 | 14.4 | 100.0 | 0 | 11 |
| Cd | 0.01 | 0.01 | 0.03 | 3.0 | 100.0 | 0 | 11 |
| Co | 0.02 | 0.00 | 0.06 | 4.0 | 100.0 | 1 | 11 |
| Cr | 0.10 | 0.01 | 0.60 | 25.5 | 100.0 | 2 | 11 |
| Cu | 2.04 | 0.87 | 11.59 | 528.9 | 100.0 | 0 | 11 |
| Fe | 9.93 | 0.75 | 34.85 | 2575.9 | 100.0 | 1 | 11 |
| Mn | 0.86 | 0.15 | 2.28 | 224.2 | 100.0 | 0 | 11 |
| Ni | 0.53 | 0.13 | 2.48 | 137.5 | 100.0 | 0 | 11 |
| Pb | 0.29 | 0.13 | 1.25 | 75.3 | 100.0 | 0 | 11 |
| V | 0.15 | 0.08 | 0.38 | 38.7 | 100.0 | 0 | 11 |
| Zn | 1.57 | 0.53 | 5.01 | 406.0 | 100.0 | 0 | 11 |

FI0017R Virolahti II

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Al | 31.74 | 5.17 | 235.73 | 15051.8 | 100.0 | 0 | 12 |
| As | 0.21 | 0.08 | 0.76 | 99.9 | 100.0 | 0 | 12 |
| Cd | 0.06 | 0.03 | 0.20 | 27.1 | 100.0 | 0 | 12 |
| Co | 0.03 | 0.01 | 0.12 | 11.9 | 100.0 | 0 | 12 |
| Cr | 0.21 | 0.01 | 0.97 | 98.0 | 100.0 | 1 | 12 |
| Cu | 1.83 | 1.00 | 6.54 | 869.1 | 100.0 | 0 | 12 |
| Fe | 49.49 | 11.36 | 306.61 | 23469.0 | 100.0 | 0 | 12 |
| Mn | 2.98 | 0.62 | 23.41 | 1415.5 | 100.0 | 0 | 12 |
| Ni | 0.28 | 0.12 | 1.11 | 133.6 | 100.0 | 0 | 12 |
| Pb | 1.77 | 0.92 | 6.93 | 837.8 | 100.0 | 0 | 12 |
| V | 0.62 | 0.33 | 2.00 | 292.8 | 100.0 | 0 | 12 |
| Zn | 7.08 | 4.18 | 19.89 | 3358.9 | 100.0 | 0 | 12 |

FI0022R Oulanka

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Al | 6.84 | 1.40 | 31.12 | 3137.7 | 100.0 | 0 | 12 |
| As | 0.11 | 0.03 | 0.70 | 49.5 | 100.0 | 0 | 12 |
| Cd | 0.02 | 0.01 | 0.05 | 9.8 | 100.0 | 0 | 12 |
| Co | 0.01 | 0.00 | 0.05 | 4.2 | 100.0 | 0 | 12 |
| Cr | 0.12 | 0.01 | 0.98 | 53.5 | 100.0 | 3 | 12 |
| Cu | 1.19 | 0.65 | 7.79 | 544.1 | 100.0 | 0 | 12 |
| Fe | 10.33 | 0.75 | 43.50 | 4740.4 | 100.0 | 1 | 12 |
| Mn | 1.38 | 0.29 | 13.76 | 632.2 | 100.0 | 0 | 12 |
| Ni | 0.25 | 0.06 | 0.86 | 113.4 | 100.0 | 0 | 12 |
| Pb | 0.48 | 0.17 | 0.99 | 221.0 | 100.0 | 0 | 12 |
| V | 0.24 | 0.11 | 0.93 | 111.9 | 100.0 | 0 | 12 |
| Zn | 2.77 | 1.21 | 9.71 | 1273.0 | 100.0 | 0 | 12 |

FI0036R Pallas/Matarova

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Al | 5.86 | 0.71 | 18.56 | 2902.8 | 100.0 | 0 | 11 |
| As | 0.06 | 0.01 | 0.11 | 28.0 | 100.0 | 0 | 11 |
| Cd | 0.02 | 0.00 | 0.05 | 8.9 | 100.0 | 0 | 11 |
| Co | 0.01 | 0.00 | 0.02 | 4.6 | 100.0 | 0 | 11 |
| Cr | 0.06 | 0.01 | 0.32 | 31.8 | 100.0 | 4 | 11 |
| Cu | 1.16 | 0.60 | 3.20 | 574.5 | 100.0 | 0 | 11 |
| Fe | 10.67 | 2.09 | 25.91 | 5283.7 | 100.0 | 0 | 11 |
| Mn | 1.69 | 0.11 | 7.68 | 835.1 | 100.0 | 0 | 11 |
| Ni | 0.19 | 0.05 | 0.53 | 96.2 | 100.0 | 0 | 11 |
| Pb | 0.41 | 0.12 | 0.88 | 201.2 | 100.0 | 0 | 11 |
| V | 0.20 | 0.08 | 0.38 | 97.6 | 100.0 | 0 | 11 |
| Zn | 2.17 | 0.71 | 4.44 | 1072.1 | 100.0 | 0 | 11 |

FI0053R Hailuoto II

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Al | 14.32 | 4.21 | 105.63 | 4383.7 | 100.0 | 0 | 12 |
| As | 0.08 | 0.04 | 0.39 | 25.0 | 100.0 | 0 | 12 |
| Cd | 0.03 | 0.01 | 0.12 | 7.8 | 100.0 | 0 | 12 |
| Co | 0.05 | 0.01 | 0.27 | 14.1 | 100.0 | 0 | 12 |
| Cr | 0.18 | 0.01 | 1.94 | 54.5 | 100.0 | 2 | 12 |
| Cu | 1.74 | 0.58 | 13.30 | 531.5 | 100.0 | 0 | 12 |
| Fe | 31.68 | 5.43 | 255.93 | 9701.7 | 100.0 | 0 | 12 |
| Mn | 2.23 | 0.71 | 28.88 | 681.6 | 100.0 | 0 | 12 |
| Ni | 0.29 | 0.11 | 1.80 | 90.0 | 100.0 | 0 | 12 |
| Pb | 0.73 | 0.22 | 2.99 | 222.7 | 100.0 | 0 | 12 |
| V | 0.59 | 0.27 | 3.78 | 181.1 | 100.0 | 0 | 12 |
| Zn | 4.67 | 1.90 | 24.19 | 1428.9 | 100.0 | 0 | 12 |

FI0092R Hietajarvi

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Al | 11.21 | 1.36 | 33.73 | 6459.9 | 100.0 | 0 | 12 |
| As | 0.08 | 0.02 | 0.18 | 43.6 | 100.0 | 0 | 12 |
| Cd | 0.03 | 0.01 | 0.06 | 17.0 | 100.0 | 0 | 12 |
| Co | 0.01 | 0.01 | 0.04 | 8.7 | 100.0 | 0 | 12 |
| Cr | 0.13 | 0.01 | 0.51 | 73.6 | 100.0 | 3 | 12 |
| Cu | 1.05 | 0.39 | 2.48 | 606.8 | 100.0 | 0 | 12 |
| Fe | 18.87 | 3.34 | 44.45 | 10873.6 | 100.0 | 0 | 12 |
| Mn | 1.62 | 0.30 | 6.92 | 934.9 | 100.0 | 0 | 12 |
| Ni | 0.17 | 0.12 | 0.39 | 95.5 | 100.0 | 0 | 12 |
| Pb | 0.80 | 0.33 | 1.69 | 461.1 | 100.0 | 0 | 12 |
| V | 0.30 | 0.14 | 0.62 | 173.1 | 100.0 | 0 | 12 |
| Zn | 3.90 | 1.51 | 6.84 | 2246.7 | 100.0 | 0 | 12 |

FI0093R Kotinen

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Al | 9.04 | 1.21 | 26.54 | 5496.4 | 100.0 | 0 | 12 |
| As | 0.09 | 0.02 | 0.20 | 56.0 | 100.0 | 0 | 12 |
| Cd | 0.03 | 0.01 | 0.05 | 17.9 | 100.0 | 0 | 12 |
| Co | 0.01 | 0.00 | 0.04 | 8.9 | 100.0 | 0 | 12 |
| Cr | 0.10 | 0.01 | 0.53 | 61.6 | 100.0 | 1 | 12 |
| Cu | 1.01 | 0.63 | 3.32 | 616.2 | 100.0 | 0 | 12 |
| Fe | 14.21 | 3.42 | 50.16 | 8642.2 | 100.0 | 0 | 12 |
| Mn | 2.06 | 0.59 | 9.24 | 1255.8 | 100.0 | 0 | 12 |
| Ni | 0.22 | 0.08 | 0.86 | 135.2 | 100.0 | 0 | 12 |
| Pb | 0.80 | 0.39 | 1.47 | 488.3 | 100.0 | 0 | 12 |
| V | 0.38 | 0.20 | 0.85 | 233.7 | 100.0 | 0 | 12 |
| Zn | 3.34 | 1.86 | 6.85 | 2030.5 | 100.0 | 0 | 12 |

FI0096G Pallas/Särkijärvi

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Hg | 7.30 | 2.50 | 20.40 | 2393.1 | 100.0 | 0 | 9 |

FR0090R Porspoder

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Cd | 0.05 | 0.02 | 0.15 | 44.2 | 100.0 | 0 | 12 |
| Cr | 0.06 | 0.02 | 0.27 | 56.7 | 100.0 | 0 | 12 |
| Cu | 0.66 | 0.31 | 1.35 | 605.0 | 100.0 | 0 | 12 |
| Ni | 0.30 | 0.11 | 0.97 | 279.4 | 100.0 | 0 | 12 |
| Pb | 0.21 | 0.05 | 0.42 | 192.3 | 100.0 | 0 | 12 |
| Zn | 2.52 | 1.20 | 7.30 | 2313.9 | 100.0 | 0 | 12 |

GB0006R Lough Navar

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.22 | 0.10 | 0.51 | 304.2 | 97.4 | 0 | 11 |
| Cd | 0.01 | 0.00 | 0.01 | 8.9 | 97.4 | 0 | 11 |
| Cr | 0.10 | 0.00 | 0.28 | 143.2 | 100.0 | 3 | 12 |
| Cu | 0.41 | 0.07 | 1.97 | 572.9 | 97.4 | 0 | 11 |
| Ni | 0.13 | 0.01 | 0.51 | 180.0 | 97.4 | 1 | 11 |
| Pb | 0.23 | 0.03 | 0.71 | 318.9 | 97.4 | 2 | 11 |
| Zn | 1.58 | 0.50 | 4.70 | 2217.9 | 97.4 | 2 | 11 |

GB0013R Yarner Wood

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.10 | 0.03 | 0.27 | 107.8 | 97.0 | 0 | 40 |
| Cd | 0.02 | 0.00 | 0.14 | 18.1 | 97.0 | 0 | 40 |
| Cr | 0.08 | 0.02 | 0.56 | 84.7 | 97.0 | 7 | 40 |
| Cu | 0.39 | 0.05 | 1.95 | 411.2 | 97.0 | 0 | 40 |
| Hg | 3.35 | 0.68 | 9.00 | 2998.3 | 93.4 | 0 | 12 |
| Ni | 0.31 | 0.05 | 3.12 | 326.0 | 97.0 | 0 | 40 |
| Pb | 0.52 | 0.03 | 3.20 | 553.2 | 97.0 | 2 | 40 |
| Zn | 3.25 | 0.50 | 17.00 | 3437.2 | 97.0 | 2 | 40 |

GB0017R Heigham Holmes

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.14 | 0.09 | 0.27 | 78.0 | 74.1 | 0 | 10 |
| Cd | 0.03 | 0.02 | 0.15 | 16.9 | 74.1 | 0 | 10 |
| Cr | 0.13 | 0.06 | 0.34 | 75.1 | 74.1 | 0 | 10 |
| Cu | 1.91 | 0.38 | 8.05 | 1073.2 | 74.1 | 0 | 10 |
| Hg | 3.79 | 1.34 | 29.00 | 1640.0 | 100.0 | 0 | 10 |
| Ni | 0.43 | 0.24 | 1.09 | 242.1 | 74.1 | 0 | 10 |
| Pb | 1.03 | 0.36 | 2.38 | 582.4 | 74.1 | 0 | 10 |
| Zn | 6.08 | 2.80 | 14.20 | 3424.4 | 74.1 | 0 | 10 |

GB0091R Banchory

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.14 | 0.03 | 0.40 | 92.3 | 90.1 | 0 | 32 |
| Cd | 0.03 | 0.00 | 0.18 | 16.4 | 90.1 | 0 | 32 |
| Cr | 0.11 | 0.02 | 0.63 | 68.9 | 90.1 | 6 | 32 |
| Cu | 0.57 | 0.14 | 2.60 | 374.8 | 90.1 | 0 | 32 |
| Hg | 3.77 | 1.71 | 9.10 | 2582.3 | 100.0 | 0 | 13 |
| Ni | 0.30 | 0.03 | 1.18 | 193.6 | 90.1 | 0 | 32 |
| Pb | 1.09 | 0.03 | 8.60 | 710.9 | 87.4 | 2 | 31 |
| Zn | 4.44 | 1.27 | 15.80 | 2893.7 | 90.1 | 0 | 32 |

HU0002R K-puszta

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Cd | 0.16 | 0.04 | 0.42 | 72.0 | 100.0 | 0 | 12 |
| Pb | 4.52 | 0.64 | 21.67 | 2014.4 | 100.0 | 0 | 12 |

IE0001R Valentia Observatory

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Al | 23.20 | 15.90 | 72.90 | 40697.4 | 100.0 | 3 | 12 |
| As | 0.50 | 0.50 | 0.50 | 877.1 | 100.0 | 12 | 12 |
| Cd | 0.05 | 0.05 | 0.05 | 87.7 | 100.0 | 12 | 12 |
| Cr | 0.50 | 0.50 | 0.50 | 877.1 | 100.0 | 12 | 12 |
| Cu | 1.44 | 0.50 | 4.50 | 2532.2 | 100.0 | 6 | 12 |
| Hg | 50.00 | 50.00 | 50.00 | 87713.9 | 100.0 | 12 | 12 |
| Mn | 4.20 | 2.30 | 13.60 | 7369.8 | 100.0 | 0 | 12 |
| Ni | 0.50 | 0.50 | 0.50 | 877.1 | 100.0 | 12 | 12 |
| Pb | 0.50 | 0.50 | 0.50 | 877.1 | 100.0 | 12 | 12 |
| V | 0.55 | 0.50 | 2.20 | 958.7 | 100.0 | 11 | 12 |
| Zn | 8.04 | 0.50 | 18.20 | 14105.1 | 100.0 | 2 | 12 |

IS0090R Reykjavik

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Al | 170.80 | 30.70 | 1737.00 | 162590.6 | 99.9 | 0 | 48 |
| As | 0.12 | 0.03 | 0.54 | 116.0 | 99.9 | 12 | 48 |
| Cd | 0.01 | 0.01 | 0.05 | 9.6 | 99.9 | 24 | 48 |
| Cr | 0.19 | 0.05 | 1.60 | 180.9 | 99.9 | 11 | 48 |
| Cu | 2.62 | 0.60 | 24.61 | 2496.7 | 99.9 | 0 | 48 |
| Fe | 160.25 | 25.70 | 1481.00 | 152544.9 | 99.9 | 0 | 48 |
| Mn | 3.14 | 0.52 | 24.67 | 2993.0 | 99.9 | 0 | 48 |
| Ni | 0.74 | 0.05 | 10.03 | 701.9 | 99.9 | 1 | 48 |
| Pb | 0.44 | 0.07 | 12.14 | 419.7 | 99.9 | 0 | 48 |
| V | 1.33 | 0.42 | 4.35 | 1269.9 | 99.9 | 0 | 48 |
| Zn | 4.18 | 0.47 | 25.39 | 3981.7 | 99.9 | 0 | 48 |

IS0091R Storhofdi

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Al | 108.21 | 0.20 | 2053.40 | 251219.3 | 100.0 | 0 | 53 |
| As | 0.06 | 0.01 | 2.32 | 136.6 | 100.0 | 4 | 53 |
| Cd | 0.01 | 0.01 | 0.21 | 20.2 | 100.0 | 28 | 53 |
| Cr | 0.26 | 0.03 | 4.73 | 596.8 | 100.0 | 7 | 53 |
| Cu | 1.86 | 0.20 | 36.96 | 4327.6 | 100.0 | 0 | 53 |
| Fe | 128.90 | 0.50 | 2046.50 | 299236.6 | 100.0 | 1 | 53 |
| Mn | 2.58 | 0.26 | 41.36 | 5983.1 | 100.0 | 0 | 53 |
| Ni | 0.97 | 0.13 | 13.44 | 2242.5 | 100.0 | 9 | 53 |
| Pb | 0.35 | 0.01 | 2.12 | 819.9 | 100.0 | 1 | 53 |
| V | 0.57 | 0.08 | 11.28 | 1319.2 | 100.0 | 0 | 53 |
| Zn | 8.08 | 1.86 | 49.77 | 18762.2 | 100.0 | 0 | 53 |

IT0001R Montelibretti

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Cu | 3.37 | 0.13 | 18.91 | 1378.2 | 98.9 | 1 | 35 |
| Pb | 2.57 | 0.02 | 36.13 | 1051.7 | 96.0 | 2 | 34 |
| Zn | 26.71 | 0.15 | 326.55 | 10922.3 | 100.0 | 0 | 36 |

LT0015R Preila

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.23 | 0.03 | 1.15 | 100.6 | 100.0 | 0 | 47 |
| Cd | 0.08 | 0.01 | 0.32 | 33.2 | 100.0 | 0 | 47 |
| Cr | 0.49 | 0.01 | 3.14 | 213.5 | 100.0 | 0 | 47 |
| Cu | 1.32 | 0.05 | 6.12 | 572.2 | 100.0 | 0 | 47 |
| Ni | 2.02 | 0.03 | 8.21 | 873.6 | 100.0 | 0 | 47 |
| Pb | 4.05 | 0.28 | 62.17 | 1748.0 | 100.0 | 0 | 47 |
| Zn | 67.55 | 4.00 | 452.00 | 29179.6 | 100.0 | 0 | 47 |

LV0010R Rucava

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.94 | 0.20 | 2.08 | 587.1 | 83.8 | 20 | 33 |
| Cd | 0.08 | 0.02 | 0.60 | 52.0 | 99.8 | 4 | 38 |
| Cu | 2.76 | 0.80 | 15.30 | 1729.9 | 96.0 | 0 | 36 |
| Mn | 8.29 | 0.54 | 24.40 | 5196.2 | 99.8 | 20 | 38 |
| Ni | 2.02 | 0.44 | 6.51 | 1267.5 | 99.8 | 7 | 38 |
| Pb | 1.89 | 0.50 | 17.00 | 1186.7 | 99.8 | 0 | 38 |
| Zn | 31.10 | 5.00 | 121.85 | 19502.8 | 99.8 | 5 | 38 |

LV0016R Zoseni

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.79 | 0.08 | 2.85 | 491.2 | 86.3 | 27 | 41 |
| Cd | 0.08 | 0.02 | 0.31 | 51.6 | 87.8 | 5 | 43 |
| Cu | 3.20 | 0.20 | 16.30 | 1995.3 | 83.4 | 2 | 40 |
| Mn | 8.21 | 0.50 | 28.94 | 5113.9 | 84.9 | 27 | 40 |
| Ni | 2.04 | 0.17 | 5.96 | 1269.3 | 86.7 | 8 | 42 |
| Pb | 1.71 | 0.10 | 8.60 | 1064.7 | 87.8 | 2 | 43 |
| Zn | 28.65 | 5.00 | 89.07 | 17840.9 | 87.6 | 3 | 42 |

NL0009R Kollumerwaard

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.30 | 0.07 | 2.87 | 227.1 | 100.0 | 6 | 25 |
| Cd | 0.06 | 0.02 | 0.17 | 46.6 | 100.0 | 2 | 25 |
| Cr | 0.41 | 0.26 | 2.23 | 306.6 | 100.0 | 16 | 25 |
| Cu | 1.63 | 0.46 | 8.31 | 1228.1 | 100.0 | 0 | 25 |
| Ni | 0.36 | 0.20 | 2.03 | 273.2 | 100.0 | 12 | 25 |
| Pb | 1.66 | 0.51 | 11.04 | 1251.7 | 100.0 | 0 | 25 |
| Zn | 6.71 | 1.95 | 25.40 | 5060.8 | 100.0 | 2 | 25 |

NL0091R De Zilk

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.08 | 0.07 | 0.20 | 70.9 | 99.9 | 22 | 24 |
| Cd | 0.04 | 0.02 | 0.12 | 39.3 | 99.9 | 5 | 24 |
| Cr | 0.27 | 0.26 | 0.52 | 245.3 | 99.9 | 23 | 24 |
| Cu | 1.01 | 0.19 | 4.80 | 936.1 | 99.9 | 1 | 24 |
| Hg | 9.61 | 3.00 | 55.00 | 6889.1 | 99.8 | 0 | 43 |
| Ni | 0.28 | 0.20 | 0.84 | 254.3 | 99.9 | 16 | 24 |
| Pb | 1.88 | 0.92 | 5.93 | 1741.3 | 99.9 | 0 | 24 |
| Zn | 3.98 | 1.95 | 12.40 | 3676.4 | 99.9 | 6 | 24 |

NO0001R Birkenes

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.20 | 0.05 | 1.27 | 353.7 | 37.4 | 8 | 27 |
| Cd | 0.03 | 0.00 | 0.21 | 53.4 | 97.8 | 44 | 52 |
| Co | 0.01 | 0.01 | 0.34 | 26.2 | 97.8 | 50 | 52 |
| Cr | 0.15 | 0.10 | 1.06 | 272.8 | 97.8 | 47 | 52 |
| Cu | 0.51 | 0.05 | 4.11 | 931.5 | 97.8 | 23 | 52 |
| Hg | 8.08 | 3.67 | 15.96 | 14857.6 | 98.7 | 0 | 19 |
| Ni | 0.20 | 0.10 | 1.24 | 354.9 | 97.8 | 45 | 52 |
| Pb | 0.88 | 0.09 | 4.15 | 1599.6 | 97.8 | 1 | 52 |
| V | 0.76 | 0.12 | 3.05 | 1371.9 | 97.8 | 11 | 52 |
| Zn | 3.37 | 0.05 | 23.10 | 6116.8 | 97.8 | 1 | 52 |

NO0039R Kårvatn

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Cd | 0.01 | 0.00 | 0.08 | 12.4 | 99.9 | 51 | 51 |
| Pb | 0.17 | 0.03 | 1.75 | 208.8 | 99.9 | 9 | 51 |
| Zn | 1.92 | 0.05 | 44.49 | 2327.5 | 99.9 | 11 | 51 |

NO0047R Svanvik

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 1.31 | 0.05 | 13.88 | 556.0 | 99.6 | 6 | 45 |
| Cd | 0.13 | 0.00 | 2.01 | 56.7 | 99.6 | 21 | 45 |
| Co | 1.14 | 0.01 | 21.74 | 482.6 | 99.6 | 6 | 45 |
| Cr | 0.31 | 0.10 | 4.01 | 131.4 | 99.6 | 29 | 45 |
| Cu | 44.51 | 0.27 | 631.20 | 18826.8 | 99.6 | 2 | 45 |
| Ni | 33.36 | 0.10 | 602.30 | 14109.4 | 99.6 | 3 | 45 |
| Pb | 1.15 | 0.12 | 16.66 | 486.3 | 99.6 | 0 | 45 |
| Zn | 8.47 | 0.62 | 200.60 | 3582.7 | 99.6 | 0 | 45 |

NO0055R Karasjok

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Cd | 0.02 | 0.00 | 0.11 | 7.1 | 99.6 | 44 | 45 |
| Pb | 0.37 | 0.04 | 1.23 | 133.1 | 99.6 | 3 | 45 |
| Zn | 2.77 | 1.01 | 12.80 | 1005.1 | 99.6 | 0 | 45 |

NO0056R Hurdal

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Cd | 0.06 | 0.00 | 1.64 | 64.4 | 100.0 | 35 | 52 |
| Pb | 0.96 | 0.01 | 14.04 | 1022.0 | 100.0 | 1 | 52 |
| Zn | 8.36 | 0.05 | 103.20 | 8892.5 | 100.0 | 1 | 52 |

PL0004R Leba

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Cd | 0.10 | 0.02 | 0.23 | 54.8 | 100.0 | 0 | 11 |
| Cr | 0.11 | 0.04 | 0.35 | 57.5 | 95.1 | 0 | 10 |
| Cu | 0.90 | 0.21 | 2.06 | 485.9 | 100.0 | 0 | 11 |
| Ni | 0.28 | 0.10 | 0.76 | 149.4 | 100.0 | 0 | 11 |
| Pb | 0.97 | 0.42 | 2.79 | 521.5 | 100.0 | 0 | 11 |
| Zn | 5.41 | 1.79 | 12.20 | 2906.6 | 68.2 | 0 | 8 |

PL0005R Diabla Gora

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.37 | 0.05 | 0.76 | 186.3 | 99.8 | 0 | 43 |
| Cd | 0.10 | 0.02 | 2.00 | 48.1 | 99.8 | 0 | 43 |
| Cr | 0.10 | 0.03 | 1.70 | 52.3 | 99.8 | 0 | 43 |
| Cu | 2.37 | 0.98 | 27.00 | 1194.7 | 88.2 | 0 | 42 |
| Hg | 11.22 | 0.00 | 80.00 | 5661.1 | 98.9 | 14 | 39 |
| Ni | 0.84 | 0.27 | 4.30 | 423.0 | 99.8 | 0 | 43 |
| Pb | 1.01 | 0.27 | 6.50 | 509.0 | 99.8 | 0 | 43 |
| Zn | 5.46 | 2.00 | 40.80 | 2754.7 | 99.8 | 0 | 43 |

PT0001R Braganca

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Cd | 0.42 | 0.42 | 0.42 | 353.0 | 81.9 | 39 | 39 |
| Cu | 1.33 | 0.33 | 9.09 | 1101.3 | 81.9 | 12 | 39 |
| Mn | 3.51 | 1.07 | 25.76 | 2913.5 | 81.9 | 26 | 39 |
| Ni | 1.11 | 0.78 | 4.17 | 925.4 | 81.9 | 31 | 39 |
| Pb | 0.65 | 0.65 | 1.30 | 540.1 | 81.9 | 38 | 39 |
| Zn | 41.95 | 1.00 | 520.00 | 34839.5 | 81.9 | 8 | 39 |

PT0003R Viana do Castelo

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Cu | 1.46 | 0.33 | 20.20 | 1967.8 | 90.9 | 35 | 62 |
| Mn | 2.05 | 1.07 | 25.21 | 2749.8 | 90.9 | 45 | 62 |
| Ni | 1.30 | 0.78 | 11.41 | 1751.2 | 90.9 | 47 | 62 |
| Pb | 1.34 | 0.65 | 20.75 | 1808.2 | 90.9 | 45 | 62 |
| Zn | 39.46 | 1.00 | 120.00 | 53047.9 | 90.9 | 8 | 62 |

PT0004R Monte Velho

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Cd | 0.42 | 0.42 | 0.42 | 383.9 | 96.6 | 43 | 43 |
| Cu | 1.23 | 0.33 | 11.61 | 1113.9 | 96.6 | 20 | 43 |
| Mn | 1.64 | 1.07 | 11.89 | 1480.3 | 96.6 | 34 | 43 |
| Ni | 0.98 | 0.78 | 4.47 | 888.2 | 96.6 | 40 | 43 |
| Pb | 2.30 | 0.65 | 13.51 | 2077.4 | 96.6 | 35 | 43 |
| Zn | 16.23 | 1.00 | 60.00 | 14659.5 | 96.6 | 15 | 43 |

PT0010R Angra do Heroismo

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Cd | 0.42 | 0.42 | 0.42 | 510.1 | 43.9 | 19 | 19 |
| Cu | 1.83 | 0.33 | 8.79 | 2191.1 | 43.9 | 6 | 19 |
| Mn | 1.15 | 1.07 | 3.65 | 1373.8 | 43.9 | 17 | 19 |
| Ni | 1.19 | 0.78 | 4.70 | 1425.4 | 43.9 | 14 | 19 |
| Pb | 0.65 | 0.65 | 0.65 | 774.1 | 43.9 | 19 | 19 |
| Zn | 38.96 | 1.00 | 120.00 | 46763.3 | 43.9 | 1 | 19 |

SE0014R Råö

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| Hg | 10.04 | 5.50 | 20.20 | 6029.1 | 100.0 | 0 | 12 |

SE0051R Arup

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.10 | 0.03 | 0.40 | 94.2 | 100.0 | 5 | 12 |
| Cd | 0.04 | 0.02 | 0.11 | 35.3 | 100.0 | 0 | 12 |
| Cr | 0.15 | 0.05 | 0.52 | 135.3 | 95.1 | 0 | 11 |
| Cu | 1.37 | 0.40 | 3.85 | 1263.8 | 100.0 | 0 | 12 |
| Mn | 4.85 | 1.20 | 21.40 | 4463.8 | 100.0 | 0 | 12 |
| Ni | 0.20 | 0.10 | 0.67 | 185.3 | 95.1 | 0 | 11 |
| Pb | 0.84 | 0.33 | 2.80 | 774.2 | 100.0 | 0 | 12 |
| V | 0.58 | 0.25 | 0.96 | 536.6 | 100.0 | 0 | 12 |
| Zn | 6.65 | 2.47 | 15.69 | 6126.1 | 100.0 | 0 | 12 |

SE0097R Gårdsjön

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.05 | 0.03 | 0.12 | 73.8 | 100.0 | 8 | 12 |
| Cd | 0.03 | 0.01 | 0.07 | 38.5 | 100.0 | 0 | 12 |
| Cr | 0.14 | 0.05 | 0.36 | 190.9 | 100.0 | 0 | 12 |
| Cu | 0.80 | 0.33 | 3.50 | 1095.9 | 100.0 | 0 | 12 |
| Mn | 1.48 | 0.60 | 10.90 | 2035.6 | 100.0 | 0 | 12 |
| Ni | 0.21 | 0.07 | 0.70 | 291.8 | 100.0 | 0 | 12 |
| Pb | 0.65 | 0.46 | 1.30 | 890.0 | 100.0 | 0 | 12 |
| V | 0.71 | 0.39 | 1.29 | 974.4 | 100.0 | 0 | 12 |
| Zn | 5.00 | 2.16 | 16.15 | 6874.6 | 100.0 | 0 | 12 |

SK0002R Chopok

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.60 | 0.38 | 0.87 | 413.8 | 92.3 | 0 | 11 |
| Cd | 0.15 | 0.08 | 0.60 | 106.3 | 100.0 | 0 | 12 |
| Cr | 0.33 | 0.15 | 0.63 | 228.5 | 70.5 | 0 | 9 |
| Cu | 2.37 | 0.91 | 5.54 | 1629.3 | 89.8 | 0 | 10 |
| Ni | 0.61 | 0.05 | 1.34 | 419.9 | 94.0 | 0 | 10 |
| Pb | 3.60 | 2.00 | 6.29 | 2469.0 | 92.7 | 0 | 10 |
| Zn | 33.49 | 18.04 | 54.29 | 22983.9 | 94.0 | 0 | 10 |

SK0004R Stará Lesná

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.26 | 0.09 | 0.58 | 153.8 | 31.3 | 0 | 5 |
| Cd | 0.22 | 0.06 | 0.50 | 131.9 | 100.0 | 0 | 12 |
| Cr | 0.09 | 0.03 | 0.17 | 51.7 | 31.3 | 0 | 5 |
| Cu | 1.36 | 0.75 | 2.11 | 821.7 | 31.3 | 0 | 5 |
| Ni | 0.39 | 0.07 | 0.76 | 236.0 | 31.3 | 0 | 5 |
| Pb | 2.24 | 1.11 | 4.14 | 1351.5 | 100.0 | 0 | 12 |
| Zn | 10.78 | 7.62 | 15.75 | 6507.3 | 31.3 | 0 | 5 |

SK0005R Liesek

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.41 | 0.14 | 0.99 | 218.8 | 96.5 | 0 | 10 |
| Cd | 0.14 | 0.05 | 0.39 | 74.2 | 99.9 | 0 | 11 |
| Cr | 0.32 | 0.04 | 0.75 | 170.3 | 87.0 | 0 | 8 |
| Cu | 2.45 | 0.76 | 6.28 | 1312.1 | 98.6 | 0 | 10 |
| Ni | 1.29 | 0.05 | 4.05 | 693.4 | 99.9 | 0 | 11 |
| Pb | 2.61 | 1.67 | 8.75 | 1398.8 | 99.9 | 0 | 11 |
| Zn | 11.23 | 6.08 | 29.88 | 6014.8 | 95.2 | 0 | 9 |

SK0006R Starina

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.19 | 0.09 | 0.49 | 142.5 | 48.3 | 0 | 5 |
| Cd | 0.09 | 0.04 | 0.27 | 64.9 | 100.0 | 0 | 12 |
| Cr | 0.07 | 0.03 | 0.11 | 52.2 | 48.3 | 0 | 5 |
| Cu | 1.19 | 0.57 | 2.85 | 887.8 | 48.3 | 0 | 5 |
| Ni | 0.34 | 0.05 | 1.31 | 253.6 | 48.3 | 0 | 5 |
| Pb | 2.28 | 1.50 | 5.36 | 1709.7 | 100.0 | 0 | 12 |
| Zn | 8.39 | 3.04 | 14.83 | 6285.0 | 48.3 | 0 | 5 |

SK0007R Topolniky

January 2006 - December 2006

| Component | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|
| As | 0.30 | 0.06 | 0.54 | 152.5 | 50.1 | 0 | 5 |
| Cd | 0.09 | 0.02 | 0.17 | 43.1 | 100.0 | 0 | 12 |
| Cr | 0.10 | 0.02 | 0.21 | 51.3 | 50.1 | 0 | 5 |
| Cu | 1.39 | 1.13 | 2.19 | 700.9 | 50.1 | 0 | 5 |
| Ni | 0.77 | 0.12 | 4.06 | 386.5 | 50.1 | 0 | 5 |
| Pb | 2.39 | 0.99 | 3.92 | 1203.2 | 100.0 | 0 | 12 |
| Zn | 7.08 | 3.06 | 14.82 | 3560.0 | 50.1 | 0 | 5 |

# Annex 2

# Annual statistics for heavy metals in air

AT0002R Illmitz

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 1.80 | 0.94 | 1.59 | 1.64 | 0.87 | 0.87 | 1.61 | 3.52 | 3.53 | 6.8 | 36 | 25 |
| Cd | pm10 | 0.34 | 0.23 | 0.28 | 1.98 | 0.10 | 0.10 | 0.30 | 0.83 | 1.00 | 14.2 | 9 | 52 |
| Ni | pm10 | 1.74 | 0.93 | 1.58 | 1.52 | 0.89 | 0.93 | 1.43 | 3.69 | 6.03 | 14.0 | 10 | 51 |
| Pb | pm10 | 9.57 | 7.33 | 7.06 | 2.29 | 1.20 | 1.41 | 7.50 | 24.90 | 32.00 | 16.7 | 0 | 61 |

AT0005R Vorhegg

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.90 | 0.00 | 0.90 | 1.00 | 0.90 | 0.90 | 0.90 | 0.90 | 0.90 | 0.5 | 59 | 2 |
| Cd | pm10 | 0.19 | 0.12 | 0.17 | 1.65 | 0.10 | 0.10 | 0.20 | 0.55 | 0.70 | 7.9 | 32 | 29 |
| Ni | pm10 | 1.61 | 0.69 | 1.49 | 1.46 | 0.89 | 0.90 | 1.39 | 3.26 | 3.47 | 7.7 | 33 | 28 |
| Pb | pm10 | 4.77 | 4.47 | 3.47 | 2.21 | 0.90 | 0.97 | 3.40 | 16.39 | 25.80 | 14.5 | 8 | 53 |

AT0048R Zoebelboden

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 1.20 | 0.36 | 1.17 | 1.34 | 0.90 | 0.90 | 1.10 | 1.60 | 1.60 | 0.8 | 57 | 3 |
| Cd | pm10 | 0.16 | 0.12 | 0.13 | 1.70 | 0.10 | 0.10 | 0.10 | 0.50 | 0.50 | 4.4 | 44 | 16 |
| Ni | pm10 | 1.20 | 0.43 | 1.15 | 1.33 | 0.85 | 0.85 | 1.09 | 2.53 | 2.80 | 6.8 | 35 | 25 |
| Pb | pm10 | 3.08 | 3.16 | 2.38 | 1.92 | 0.90 | 0.90 | 2.40 | 9.84 | 20.40 | 14.2 | 8 | 52 |

BE0014R Koksijde

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 1.08 | 1.20 | 0.72 | 2.43 | 0.11 | 0.17 | 0.78 | 3.21 | 9.29 | 88.8 | 48 | 324 |
| Cd | aerosol | 0.26 | 0.36 | 0.10 | 4.42 | 0.01 | 0.02 | 0.10 | 1.05 | 2.50 | 88.8 | 121 | 324 |
| Cr | aerosol | 3.98 | 7.23 | 2.00 | 3.64 | 0.17 | 0.17 | 2.58 | 10.46 | 90.11 | 88.8 | 47 | 324 |
| Cu | aerosol | 6.78 | 8.02 | 4.73 | 2.48 | 0.35 | 0.72 | 5.24 | 15.94 | 118.68 | 88.8 | 12 | 324 |
| Hg | aerosol | 2.01 | 1.01 | 1.88 | 1.38 | 0.62 | 1.20 | 1.81 | 3.13 | 14.29 | 100.0 | 0 | 365 |
| Ni | aerosol | 5.08 | 6.23 | 3.13 | 2.76 | 0.17 | 0.59 | 3.13 | 14.95 | 63.65 | 88.8 | 9 | 324 |
| Pb | aerosol | 13.53 | 14.11 | 8.76 | 2.72 | 0.17 | 1.74 | 8.98 | 42.32 | 133.04 | 88.8 | 0 | 324 |
| Zn | aerosol | 36.69 | 43.39 | 19.41 | 3.34 | 1.74 | 3.47 | 21.77 | 126.73 | 348.96 | 88.8 | 70 | 324 |

CZ0001R Svratouch

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.96 | 0.95 | 0.64 | 2.71 | 0.01 | 0.14 | 0.66 | 3.10 | 6.34 | 38.1 | 2 | 139 |
| Cd | pm10 | 0.21 | 0.17 | 0.16 | 2.22 | 0.01 | 0.05 | 0.16 | 0.54 | 0.82 | 38.1 | 0 | 139 |
| Cu | pm10 | 2.34 | 1.97 | 1.70 | 2.65 | 0.02 | 0.31 | 1.94 | 6.16 | 17.50 | 38.1 | 2 | 139 |
| Mn | pm10 | 4.93 | 3.77 | 3.38 | 2.91 | 0.01 | 0.49 | 3.84 | 13.20 | 17.20 | 38.1 | 1 | 139 |
| Ni | pm10 | 0.75 | 0.64 | 0.54 | 2.52 | 0.04 | 0.04 | 0.64 | 1.82 | 4.52 | 38.1 | 0 | 139 |
| Pb | pm10 | 8.11 | 5.85 | 6.13 | 2.39 | 0.02 | 2.30 | 5.84 | 22.40 | 25.70 | 38.1 | 0 | 139 |

CZ0003R Kosetice

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 1.06 | 1.30 | 0.61 | 3.20 | 0.01 | 0.14 | 0.60 | 3.89 | 9.14 | 54.2 | 6 | 198 |
| As | pm25 | 0.94 | 1.18 | 0.55 | 3.03 | 0.01 | 0.10 | 0.56 | 3.52 | 8.98 | 53.4 | 4 | 195 |
| Cd | pm10 | 0.18 | 0.16 | 0.12 | 2.97 | 0.00 | 0.03 | 0.12 | 0.50 | 0.98 | 54.2 | 7 | 198 |
| Cd | pm25 | 0.17 | 0.15 | 0.11 | 2.67 | 0.00 | 0.04 | 0.11 | 0.47 | 1.00 | 53.4 | 5 | 195 |
| Cu | pm10 | 2.42 | 2.46 | 1.60 | 3.03 | 0.02 | 0.39 | 1.81 | 5.97 | 20.50 | 54.2 | 7 | 198 |
| Cu | pm25 | 1.42 | 1.20 | 1.01 | 2.68 | 0.02 | 0.25 | 1.14 | 3.58 | 9.28 | 53.4 | 6 | 195 |
| Mn | pm10 | 5.77 | 5.06 | 3.94 | 3.19 | 0.01 | 1.06 | 4.61 | 13.52 | 49.80 | 54.2 | 3 | 198 |
| Mn | pm25 | 2.09 | 1.27 | 1.60 | 2.65 | 0.01 | 0.49 | 1.80 | 4.65 | 7.78 | 53.4 | 3 | 195 |
| Ni | pm10 | 0.72 | 0.70 | 0.49 | 2.75 | 0.04 | 0.04 | 0.60 | 1.61 | 7.27 | 54.2 | 0 | 198 |
| Ni | pm25 | 0.58 | 0.45 | 0.40 | 2.63 | 0.04 | 0.04 | 0.48 | 1.38 | 2.58 | 53.4 | 0 | 195 |
| Pb | pm10 | 6.17 | 5.71 | 3.79 | 3.76 | 0.01 | 1.04 | 4.13 | 17.93 | 33.60 | 54.2 | 4 | 198 |
| Pb | pm25 | 5.65 | 5.23 | 3.76 | 2.94 | 0.01 | 1.17 | 3.85 | 18.64 | 29.60 | 53.4 | 2 | 195 |

DE0001R Westerland

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.49 | 0.42 | 0.36 | 2.20 | 0.09 | 0.10 | 0.35 | 1.62 | 1.89 | 92.3 | 0 | 49 |
| Cd | aerosol | 0.12 | 0.10 | 0.07 | 3.40 | 0.00 | 0.00 | 0.08 | 0.34 | 0.38 | 92.3 | 0 | 49 |
| Co | aerosol | 0.05 | 0.04 | 0.04 | 2.32 | 0.01 | 0.01 | 0.05 | 0.13 | 0.15 | 92.3 | 0 | 49 |
| Cu | aerosol | 2.14 | 1.69 | 1.71 | 2.14 | 0.27 | 0.27 | 1.76 | 6.65 | 8.44 | 92.3 | 0 | 49 |
| Fe | aerosol | 77.61 | 59.89 | 60.68 | 1.98 | 15.10 | 20.60 | 63.00 | 231.25 | 292.80 | 92.3 | 0 | 49 |
| Mn | aerosol | 2.46 | 1.79 | 1.99 | 1.88 | 0.64 | 0.75 | 2.04 | 6.80 | 9.55 | 90.4 | 0 | 48 |
| Ni | aerosol | 1.54 | 0.72 | 1.35 | 1.74 | 0.29 | 0.47 | 1.50 | 3.00 | 3.15 | 91.5 | 0 | 48 |
| Pb | aerosol | 4.42 | 3.36 | 3.37 | 2.20 | 0.69 | 0.83 | 3.83 | 12.13 | 13.38 | 92.3 | 0 | 49 |
| Se | aerosol | 0.49 | 0.27 | 0.41 | 1.89 | 0.14 | 0.14 | 0.47 | 0.97 | 1.19 | 91.5 | 0 | 48 |
| V | aerosol | 3.67 | 1.77 | 3.20 | 1.74 | 0.64 | 0.93 | 3.75 | 7.80 | 8.47 | 92.3 | 0 | 49 |
| Zn | aerosol | 13.58 | 10.10 | 9.96 | 2.39 | 1.50 | 1.50 | 11.30 | 36.45 | 43.20 | 92.3 | 0 | 49 |
| Sb | aerosol | 0.46 | 0.24 | 0.40 | 1.70 | 0.15 | 0.16 | 0.45 | 0.96 | 1.18 | 87.7 | 0 | 46 |

DE0002R Langenbrügge

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.85 | 1.08 | 0.57 | 2.17 | 0.10 | 0.23 | 0.50 | 3.90 | 5.83 | 100.0 | 0 | 53 |
| Cd | aerosol | 0.20 | 0.17 | 0.16 | 1.94 | 0.04 | 0.06 | 0.15 | 0.54 | 1.03 | 100.0 | 0 | 53 |
| Co | aerosol | 0.08 | 0.04 | 0.07 | 1.61 | 0.02 | 0.03 | 0.07 | 0.16 | 0.20 | 100.0 | 0 | 53 |
| Cu | aerosol | 3.01 | 1.68 | 2.68 | 1.71 | 0.40 | 1.29 | 2.66 | 7.74 | 8.83 | 100.0 | 0 | 53 |
| Fe | aerosol | 94.26 | 56.96 | 80.18 | 1.73 | 29.60 | 31.38 | 71.40 | 228.61 | 291.40 | 100.0 | 0 | 53 |
| Mn | aerosol | 4.27 | 2.50 | 3.67 | 1.70 | 1.20 | 1.49 | 3.54 | 10.23 | 13.37 | 100.0 | 0 | 53 |
| Ni | aerosol | 1.07 | 0.47 | 0.98 | 1.49 | 0.44 | 0.49 | 1.00 | 1.88 | 3.07 | 100.0 | 0 | 53 |
| Pb | aerosol | 7.96 | 7.44 | 6.18 | 1.98 | 0.85 | 2.24 | 5.95 | 21.67 | 48.16 | 100.0 | 0 | 53 |
| Se | aerosol | 0.65 | 0.39 | 0.54 | 1.98 | 0.07 | 0.08 | 0.59 | 1.53 | 2.22 | 99.2 | 0 | 52 |
| V | aerosol | 1.92 | 1.05 | 1.70 | 1.59 | 0.72 | 0.85 | 1.66 | 4.07 | 6.06 | 100.0 | 0 | 53 |
| Zn | aerosol | 23.71 | 18.10 | 19.61 | 1.80 | 6.40 | 7.59 | 19.10 | 59.94 | 112.90 | 99.2 | 0 | 52 |
| Sb | aerosol | 0.74 | 0.42 | 0.65 | 1.64 | 0.13 | 0.31 | 0.60 | 1.33 | 2.90 | 99.2 | 0 | 52 |
| Hg (TGM) | air | 2.01 | 0.32 | 1.98 | 1.16 | 1.40 | 1.60 | 2.00 | 2.60 | 3.30 | 98.6 | 0 | 360 |

DE0003R Schauinsland

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.21 | 0.16 | 0.17 | 1.98 | 0.04 | 0.05 | 0.16 | 0.52 | 0.91 | 84.7 | 0 | 45 |
| Cd | aerosol | 0.06 | 0.04 | 0.05 | 1.98 | 0.01 | 0.01 | 0.05 | 0.15 | 0.19 | 84.7 | 0 | 45 |
| Co | aerosol | 0.06 | 0.04 | 0.04 | 2.14 | 0.01 | 0.01 | 0.04 | 0.17 | 0.18 | 84.7 | 0 | 45 |
| Cu | aerosol | 1.90 | 1.19 | 1.53 | 1.93 | 0.33 | 0.54 | 1.52 | 3.98 | 5.26 | 84.7 | 0 | 45 |
| Fe | aerosol | 88.37 | 97.49 | 45.57 | 3.35 | 5.50 | 6.80 | 37.50 | 338.18 | 352.80 | 84.7 | 0 | 45 |
| Mn | aerosol | 2.33 | 1.96 | 1.57 | 2.48 | 0.32 | 0.40 | 1.53 | 6.77 | 7.24 | 84.7 | 0 | 45 |
| Ni | aerosol | 0.42 | 0.29 | 0.34 | 1.91 | 0.19 | 0.19 | 0.22 | 1.09 | 1.21 | 84.7 | 0 | 45 |
| Pb | aerosol | 2.54 | 1.47 | 2.13 | 1.85 | 0.47 | 0.65 | 2.27 | 5.09 | 7.34 | 84.7 | 0 | 45 |
| Se | aerosol | 0.15 | 0.15 | 0.08 | 2.98 | 0.03 | 0.03 | 0.06 | 0.48 | 0.50 | 83.8 | 0 | 44 |
| V | aerosol | 0.71 | 0.47 | 0.55 | 2.12 | 0.08 | 0.13 | 0.64 | 1.62 | 2.06 | 84.7 | 0 | 45 |
| Zn | aerosol | 7.66 | 5.48 | 5.63 | 2.32 | 1.50 | 1.50 | 5.70 | 17.62 | 21.10 | 83.8 | 0 | 44 |
| Sb | aerosol | 0.38 | 0.24 | 0.30 | 1.98 | 0.08 | 0.09 | 0.31 | 0.83 | 0.88 | 83.8 | 0 | 44 |

DE0007R Neuglobsow

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 1.06 | 1.47 | 0.59 | 2.78 | 0.08 | 0.16 | 0.52 | 4.20 | 8.08 | 100.0 | 0 | 53 |
| Cd | aerosol | 0.23 | 0.23 | 0.16 | 2.42 | 0.02 | 0.03 | 0.15 | 0.90 | 1.10 | 100.0 | 0 | 53 |
| Co | aerosol | 0.11 | 0.10 | 0.08 | 2.22 | 0.01 | 0.02 | 0.07 | 0.36 | 0.52 | 100.0 | 0 | 53 |
| Cu | aerosol | 2.56 | 1.78 | 2.14 | 1.87 | 0.47 | 0.78 | 2.09 | 7.12 | 8.74 | 100.0 | 0 | 53 |
| Fe | aerosol | 96.17 | 65.12 | 78.98 | 1.83 | 24.90 | 27.08 | 77.50 | 270.88 | 303.50 | 100.0 | 0 | 53 |
| Mn | aerosol | 3.96 | 2.57 | 3.30 | 1.80 | 1.04 | 1.06 | 3.04 | 10.56 | 12.65 | 100.0 | 0 | 53 |
| Ni | aerosol | 1.02 | 0.52 | 0.91 | 1.64 | 0.17 | 0.35 | 0.92 | 2.04 | 3.24 | 100.0 | 0 | 53 |
| Pb | aerosol | 8.68 | 10.02 | 5.74 | 2.42 | 0.80 | 1.68 | 5.44 | 33.04 | 53.71 | 100.0 | 0 | 53 |
| Se | aerosol | 0.54 | 0.39 | 0.38 | 2.74 | 0.03 | 0.03 | 0.47 | 1.40 | 1.74 | 99.2 | 0 | 52 |
| V | aerosol | 1.70 | 1.03 | 1.48 | 1.65 | 0.64 | 0.66 | 1.46 | 4.23 | 6.16 | 100.0 | 0 | 53 |
| Zn | aerosol | 36.68 | 24.30 | 29.75 | 1.96 | 4.50 | 9.82 | 28.00 | 81.89 | 132.70 | 99.2 | 0 | 52 |
| Sb | aerosol | 0.69 | 0.57 | 0.55 | 1.92 | 0.10 | 0.24 | 0.48 | 1.90 | 3.36 | 99.2 | 0 | 52 |

DE0008R Schmücke

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.35 | 0.27 | 0.27 | 2.03 | 0.06 | 0.09 | 0.25 | 1.16 | 1.24 | 100.0 | 0 | 53 |
| Cd | aerosol | 0.09 | 0.07 | 0.08 | 1.84 | 0.02 | 0.03 | 0.08 | 0.28 | 0.33 | 100.0 | 0 | 53 |
| Co | aerosol | 0.04 | 0.03 | 0.03 | 2.08 | 0.00 | 0.01 | 0.04 | 0.12 | 0.14 | 100.0 | 0 | 53 |
| Cu | aerosol | 2.69 | 3.30 | 1.70 | 2.71 | 0.03 | 0.47 | 1.73 | 12.54 | 16.88 | 95.4 | 0 | 50 |
| Fe | aerosol | 75.85 | 74.68 | 45.89 | 2.90 | 2.51 | 6.97 | 42.30 | 268.85 | 311.30 | 100.0 | 0 | 53 |
| Mn | aerosol | 2.42 | 1.94 | 1.82 | 2.11 | 0.49 | 0.56 | 1.80 | 7.62 | 8.76 | 96.7 | 0 | 51 |
| Ni | aerosol | 0.56 | 0.37 | 0.46 | 1.94 | 0.07 | 0.12 | 0.48 | 1.10 | 2.38 | 100.0 | 0 | 53 |
| Pb | aerosol | 3.68 | 2.16 | 3.18 | 1.70 | 1.16 | 1.32 | 3.10 | 9.25 | 10.97 | 100.0 | 0 | 53 |
| Se | aerosol | 0.50 | 0.32 | 0.39 | 2.27 | 0.07 | 0.07 | 0.50 | 1.15 | 1.27 | 99.2 | 0 | 52 |
| V | aerosol | 1.26 | 0.96 | 1.00 | 1.98 | 0.13 | 0.33 | 0.95 | 3.01 | 6.06 | 100.0 | 0 | 53 |
| Zn | aerosol | 12.32 | 8.58 | 9.34 | 2.27 | 1.50 | 1.52 | 10.50 | 34.40 | 35.48 | 97.3 | 0 | 51 |
| Sb | aerosol | 0.42 | 0.20 | 0.37 | 1.64 | 0.14 | 0.16 | 0.40 | 0.86 | 0.92 | 95.9 | 0 | 50 |

DE0009R Zingst

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.77 | 0.94 | 0.48 | 2.43 | 0.12 | 0.14 | 0.38 | 3.09 | 5.42 | 100.0 | 0 | 53 |
| Cd | aerosol | 0.17 | 0.16 | 0.10 | 3.08 | 0.00 | 0.01 | 0.11 | 0.60 | 0.65 | 100.0 | 0 | 53 |
| Co | aerosol | 0.07 | 0.05 | 0.06 | 1.96 | 0.01 | 0.02 | 0.06 | 0.15 | 0.32 | 100.0 | 0 | 53 |
| Cu | aerosol | 4.25 | 4.01 | 2.72 | 2.63 | 0.27 | 0.78 | 2.02 | 12.23 | 12.91 | 97.3 | 0 | 51 |
| Fe | aerosol | 76.78 | 50.50 | 64.07 | 1.76 | 25.10 | 30.49 | 54.50 | 211.39 | 240.50 | 100.0 | 0 | 53 |
| Mn | aerosol | 3.17 | 1.93 | 2.67 | 1.76 | 0.92 | 1.16 | 2.17 | 7.63 | 9.87 | 100.0 | 0 | 53 |
| Ni | aerosol | 2.04 | 0.93 | 1.84 | 1.59 | 0.67 | 0.72 | 1.80 | 4.11 | 4.40 | 97.3 | 0 | 51 |
| Pb | aerosol | 6.57 | 6.50 | 4.66 | 2.26 | 0.92 | 1.25 | 4.15 | 21.98 | 33.01 | 100.0 | 0 | 53 |
| Se | aerosol | 0.39 | 0.32 | 0.29 | 2.17 | 0.12 | 0.14 | 0.34 | 1.10 | 1.42 | 99.2 | 0 | 52 |
| V | aerosol | 4.59 | 3.08 | 3.76 | 1.85 | 1.03 | 1.26 | 3.60 | 10.71 | 17.67 | 100.0 | 0 | 53 |
| Zn | aerosol | 17.19 | 15.37 | 11.77 | 2.52 | 0.60 | 2.41 | 11.10 | 56.12 | 64.00 | 100.0 | 0 | 53 |
| Sb | aerosol | 0.56 | 0.36 | 0.47 | 1.78 | 0.15 | 0.17 | 0.43 | 1.39 | 1.65 | 99.2 | 0 | 52 |
| Hg (TGM) | air | 1.72 | 0.33 | 1.69 | 1.19 | 1.10 | 1.30 | 1.70 | 2.30 | 3.80 | 98.9 | 0 | 361 |

DK0003R Tange

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | aerosol | 88.49 | 144.36 | 51.97 | 3.20 | -86.65 | -23.14 | 41.37 | 465.96 | 941.06 | 97.8 | 161 | 357 |
| As | aerosol | 0.67 | 0.78 | 0.42 | 2.90 | -0.26 | 0.06 | 0.41 | 2.07 | 6.13 | 97.8 | 19 | 357 |
| Cr | aerosol | 0.39 | 0.68 | 0.44 | 2.66 | -1.20 | -0.57 | 0.30 | 1.72 | 3.03 | 97.8 | 193 | 357 |
| Cu | aerosol | 1.64 | 1.45 | 1.12 | 2.70 | -0.28 | 0.15 | 1.17 | 4.82 | 8.43 | 97.8 | 21 | 357 |
| Fe | aerosol | 133.33 | 206.14 | 60.91 | 3.52 | -2.41 | 7.16 | 56.74 | 661.91 | 1313.75 | 97.8 | 7 | 357 |
| Mn | aerosol | 4.88 | 6.42 | 2.68 | 3.05 | -0.09 | 0.34 | 2.72 | 21.25 | 41.56 | 97.8 | 18 | 357 |
| Ni | aerosol | 1.22 | 0.95 | 0.89 | 2.84 | -0.47 | 0.03 | 0.97 | 3.06 | 5.05 | 97.8 | 42 | 357 |
| Pb | aerosol | 4.55 | 5.28 | 2.62 | 3.19 | -0.02 | 0.29 | 2.71 | 15.24 | 40.44 | 97.8 | 9 | 357 |
| Se | aerosol | 0.42 | 0.33 | 0.32 | 2.24 | -0.08 | 0.08 | 0.33 | 1.17 | 1.94 | 97.8 | 8 | 357 |
| Zn | aerosol | 14.60 | 22.08 | 9.68 | 2.54 | -3.95 | 0.99 | 9.32 | 37.68 | 271.14 | 97.8 | 25 | 357 |

DK0005R Keldsnor

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | aerosol | 77.82 | 105.69 | 59.72 | 2.69 | -109.01 | -30.21 | 49.48 | 288.84 | 649.42 | 94.2 | 143 | 344 |
| As | aerosol | 0.57 | 0.98 | 0.29 | 3.41 | -0.18 | 0.01 | 0.29 | 2.12 | 8.44 | 94.5 | 41 | 345 |
| Cr | aerosol | 0.47 | 0.93 | 0.46 | 3.37 | -1.37 | -0.69 | 0.30 | 2.14 | 8.14 | 94.2 | 199 | 344 |
| Cu | aerosol | 1.98 | 2.94 | 1.25 | 2.71 | -0.21 | 0.17 | 1.28 | 5.57 | 43.60 | 94.5 | 17 | 345 |
| Fe | aerosol | 104.38 | 110.22 | 67.29 | 2.69 | -3.17 | 11.23 | 68.67 | 362.45 | 691.35 | 94.5 | 4 | 345 |
| Mn | aerosol | 3.46 | 3.42 | 2.22 | 2.85 | -0.57 | 0.37 | 2.24 | 11.41 | 21.43 | 94.2 | 18 | 344 |
| Ni | aerosol | 2.56 | 2.34 | 1.71 | 2.78 | -0.41 | 0.18 | 1.75 | 7.50 | 12.39 | 94.5 | 18 | 345 |
| Pb | aerosol | 5.88 | 7.47 | 3.28 | 3.10 | -0.09 | 0.49 | 3.45 | 22.25 | 49.66 | 94.5 | 5 | 345 |
| Se | aerosol | 0.57 | 0.43 | 0.43 | 2.26 | -0.01 | 0.10 | 0.44 | 1.45 | 2.87 | 94.5 | 8 | 345 |
| Zn | aerosol | 15.57 | 15.36 | 10.63 | 2.56 | -5.20 | 1.53 | 10.53 | 46.30 | 93.17 | 94.5 | 17 | 345 |

DK0008R Anholt

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | aerosol | 58.16 | 93.71 | 39.06 | 3.05 | -82.92 | -25.55 | 33.68 | 272.53 | 655.95 | 99.7 | 212 | 364 |
| As | aerosol | 0.47 | 0.70 | 0.27 | 2.98 | -0.87 | 0.02 | 0.26 | 1.52 | 6.22 | 99.7 | 45 | 364 |
| Cr | aerosol | 0.26 | 0.90 | 0.35 | 3.23 | -1.40 | -0.79 | 0.17 | 1.46 | 9.88 | 99.7 | 251 | 364 |
| Cu | aerosol | 1.22 | 1.37 | 0.70 | 3.38 | -0.21 | 0.04 | 0.75 | 4.46 | 7.42 | 99.7 | 50 | 364 |
| Fe | aerosol | 65.76 | 83.02 | 34.94 | 3.34 | -2.05 | 3.71 | 34.33 | 263.22 | 532.02 | 99.7 | 18 | 364 |
| Mn | aerosol | 2.57 | 2.69 | 1.61 | 3.08 | -0.21 | 0.17 | 1.69 | 8.48 | 15.93 | 99.7 | 30 | 364 |
| Ni | aerosol | 1.85 | 1.46 | 1.33 | 2.65 | -0.23 | 0.12 | 1.45 | 4.50 | 9.19 | 99.7 | 30 | 364 |
| Pb | aerosol | 4.07 | 5.80 | 2.01 | 3.66 | -0.06 | 0.23 | 2.18 | 14.55 | 43.23 | 99.5 | 13 | 363 |
| Se | aerosol | 0.43 | 0.36 | 0.32 | 2.25 | 0.01 | 0.10 | 0.33 | 1.17 | 2.34 | 99.7 | 9 | 364 |
| Zn | aerosol | 11.08 | 19.14 | 6.03 | 3.62 | -1.94 | 0.22 | 6.60 | 32.10 | 305.61 | 99.7 | 55 | 364 |

DK0031R Ulborg

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | aerosol | 65.75 | 119.54 | 42.78 | 3.31 | -94.11 | -35.89 | 35.59 | 295.18 | 772.41 | 99.5 | 189 | 363 |
| As | aerosol | 0.43 | 0.71 | 0.23 | 3.35 | -0.09 | -0.00 | 0.23 | 1.74 | 9.14 | 99.5 | 69 | 363 |
| Cr | aerosol | 0.26 | 0.78 | 0.38 | 3.11 | -2.79 | -0.85 | 0.20 | 1.54 | 6.84 | 99.5 | 236 | 363 |
| Cu | aerosol | 1.11 | 1.29 | 0.68 | 3.15 | -0.21 | -0.01 | 0.62 | 3.74 | 7.52 | 99.5 | 57 | 363 |
| Fe | aerosol | 76.15 | 117.17 | 34.40 | 3.66 | -3.61 | 3.78 | 34.01 | 347.35 | 729.55 | 99.5 | 22 | 363 |
| Mn | aerosol | 2.59 | 3.51 | 1.48 | 3.01 | -0.44 | 0.13 | 1.45 | 10.99 | 22.64 | 99.5 | 40 | 363 |
| Ni | aerosol | 1.18 | 0.96 | 0.86 | 2.72 | -0.50 | 0.05 | 0.97 | 2.96 | 6.13 | 99.5 | 56 | 363 |
| Pb | aerosol | 3.96 | 5.08 | 2.02 | 3.74 | -0.13 | 0.13 | 2.12 | 14.65 | 43.33 | 99.5 | 18 | 363 |
| Se | aerosol | 0.44 | 0.36 | 0.33 | 2.26 | -0.02 | 0.08 | 0.34 | 1.20 | 2.52 | 99.5 | 14 | 363 |
| Zn | aerosol | 11.26 | 12.58 | 6.49 | 3.28 | -2.65 | 0.41 | 7.51 | 35.78 | 86.09 | 99.5 | 36 | 363 |

ES0008R Niembro

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.13 | 0.07 | 0.11 | 1.91 | 0.05 | 0.05 | 0.12 | 0.22 | 0.22 | 49.9 | 2 | 6 |
| Cd | aerosol | 0.04 | 0.03 | 0.03 | 2.43 | 0.01 | 0.01 | 0.04 | 0.08 | 0.08 | 49.9 | 2 | 6 |
| Cd | pm10 | 0.11 | 0.10 | 0.07 | 3.00 | 0.01 | 0.01 | 0.08 | 0.34 | 0.36 | 11.8 | 6 | 43 |
| Cr | aerosol | 0.78 | 0.00 | 0.78 | 1.00 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 49.9 | 6 | 6 |
| Cu | aerosol | 51.90 | 27.22 | 43.26 | 2.06 | 12.10 | 12.10 | 52.20 | 81.08 | 81.08 | 49.9 | 0 | 6 |
| Cu | pm10 | 25.38 | 16.95 | 19.06 | 2.41 | 1.20 | 3.04 | 21.61 | 61.51 | 72.34 | 11.8 | 0 | 43 |
| Pb | pm10 | 6.92 | 8.70 | 3.99 | 3.07 | 0.10 | 0.62 | 3.93 | 23.44 | 48.82 | 11.8 | 1 | 43 |

ES0009R Campisabalos

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.13 | 0.08 | 0.10 | 1.90 | 0.05 | 0.05 | 0.12 | 0.29 | 0.30 | 12.1 | 17 | 44 |
| Cr | pm10 | 0.86 | 0.40 | 0.82 | 1.29 | 0.78 | 0.78 | 0.78 | 1.84 | 3.01 | 12.1 | 42 | 44 |
| Cu | pm10 | 43.47 | 30.66 | 25.31 | 4.89 | 0.09 | 0.32 | 39.77 | 108.19 | 140.35 | 12.1 | 2 | 44 |
| Ni | pm10 | 0.66 | 0.41 | 0.57 | 1.65 | 0.41 | 0.41 | 0.41 | 1.61 | 1.93 | 11.8 | 29 | 43 |
| Pb | pm10 | 2.00 | 1.31 | 1.54 | 2.22 | 0.28 | 0.33 | 1.81 | 5.19 | 5.76 | 12.1 | 0 | 44 |
| Zn | pm10 | 10.82 | 13.29 | 6.98 | 2.38 | 2.64 | 2.64 | 7.11 | 50.01 | 54.53 | 11.8 | 13 | 43 |

ES0010R Cabo de Creus

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hg | air+aerosol | 1.82 | 0.16 | 1.82 | 1.09 | 1.44 | 1.49 | 1.86 | 2.03 | 2.04 | 10.1 | 0 | 37 |

FI0036R Pallas/Matarova

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | aerosol | 32.17 | 46.26 | 13.95 | 3.90 | 1.10 | 1.27 | 13.45 | 128.50 | 264.90 | 97.8 | 0 | 52 |
| As | aerosol | 0.18 | 0.21 | 0.10 | 2.87 | 0.01 | 0.02 | 0.10 | 0.65 | 1.09 | 97.8 | 1 | 52 |
| Cd | aerosol | 0.04 | 0.05 | 0.02 | 2.90 | 0.00 | 0.00 | 0.02 | 0.16 | 0.25 | 97.8 | 0 | 52 |
| Co | aerosol | 0.03 | 0.03 | 0.02 | 2.77 | 0.00 | 0.00 | 0.03 | 0.09 | 0.10 | 97.8 | 4 | 52 |
| Cr | aerosol | 0.15 | 0.15 | 0.09 | 3.49 | 0.00 | 0.00 | 0.10 | 0.50 | 0.58 | 97.8 | 3 | 52 |
| Cu | aerosol | 0.49 | 0.44 | 0.32 | 2.63 | 0.04 | 0.06 | 0.34 | 1.62 | 1.77 | 97.8 | 0 | 52 |
| Fe | aerosol | 36.44 | 39.12 | 23.77 | 2.58 | 2.54 | 3.77 | 27.61 | 125.45 | 233.19 | 97.8 | 0 | 52 |
| Mn | aerosol | 0.89 | 0.99 | 0.55 | 2.69 | 0.06 | 0.10 | 0.57 | 2.93 | 5.76 | 97.8 | 0 | 52 |
| Ni | aerosol | 0.54 | 0.60 | 0.29 | 3.31 | 0.02 | 0.03 | 0.26 | 1.85 | 2.92 | 97.8 | 0 | 52 |
| Pb | aerosol | 1.14 | 1.60 | 0.61 | 3.07 | 0.05 | 0.10 | 0.62 | 4.72 | 9.27 | 97.8 | 0 | 52 |
| V | aerosol | 0.59 | 0.68 | 0.34 | 2.91 | 0.03 | 0.05 | 0.39 | 2.72 | 3.02 | 97.8 | 0 | 52 |
| Zn | aerosol | 2.94 | 2.97 | 1.94 | 2.48 | 0.44 | 0.51 | 1.79 | 11.09 | 13.37 | 97.8 | 0 | 52 |

FI0096G Pallas/Särkijärvi

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hg | aerosol | 1.54 | 1.38 | 1.16 | 2.10 | 0.30 | 0.30 | 1.00 | 5.35 | 6.70 | 80.5 | 0 | 42 |
| Hg | air+aerosol | 1.37 | 0.15 | 1.36 | 1.11 | 1.10 | 1.12 | 1.40 | 1.68 | 1.80 | 23.0 | 0 | 84 |

GB0013R Yarner Wood

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.60 | 0.71 | 0.40 | 2.43 | 0.03 | 0.10 | 0.35 | 1.94 | 4.40 | 95.9 | 0 | 51 |
| Cd | pm10 | 0.09 | 0.12 | 0.04 | 4.09 | 0.00 | 0.00 | 0.06 | 0.32 | 0.73 | 95.9 | 8 | 51 |
| Cr | pm10 | 0.33 | 0.39 | 0.16 | 3.37 | 0.05 | 0.06 | 0.07 | 1.23 | 1.38 | 95.9 | 31 | 51 |
| Cu | pm10 | 1.23 | 2.53 | 0.33 | 6.56 | 0.03 | 0.03 | 0.50 | 3.76 | 17.20 | 95.9 | 16 | 51 |
| Hg | pm10 | 1.45 | 0.43 | 1.41 | 1.38 | 0.62 | 0.64 | 1.47 | 2.37 | 2.47 | 102.1 | 0 | 24 |
| Ni | pm10 | 1.47 | 1.81 | 0.79 | 3.43 | 0.01 | 0.07 | 0.85 | 5.92 | 9.98 | 95.9 | 2 | 51 |
| Pb | pm10 | 4.77 | 6.42 | 2.58 | 3.43 | 0.09 | 0.25 | 2.64 | 14.47 | 41.23 | 95.9 | 2 | 51 |
| Zn | pm10 | 8.57 | 14.72 | 4.06 | 3.30 | 1.35 | 1.39 | 1.62 | 31.32 | 94.17 | 95.9 | 29 | 51 |

GB0017R Heigham Holmes

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.60 | 0.57 | 0.40 | 3.13 | 0.01 | 0.04 | 0.49 | 1.57 | 3.38 | 83.3 | 3 | 52 |
| Cd | pm10 | 0.14 | 0.15 | 0.08 | 3.70 | 0.00 | 0.00 | 0.10 | 0.44 | 0.81 | 83.3 | 5 | 52 |
| Cr | pm10 | 0.71 | 0.76 | 0.39 | 3.72 | 0.06 | 0.06 | 0.56 | 2.29 | 3.52 | 83.3 | 19 | 52 |
| Cu | pm10 | 1.35 | 1.46 | 0.56 | 5.27 | 0.03 | 0.03 | 0.87 | 3.78 | 8.14 | 83.3 | 14 | 52 |
| Hg | pm10 | 1.90 | 0.41 | 1.80 | 1.30 | 1.00 | 1.00 | 1.91 | 2.22 | 2.22 | 84.4 | 0 | 8 |
| Ni | pm10 | 2.05 | 1.93 | 1.24 | 2.90 | 0.08 | 0.13 | 1.45 | 7.84 | 8.28 | 83.3 | 1 | 52 |
| Pb | pm10 | 7.18 | 7.81 | 5.03 | 2.64 | 0.50 | 0.76 | 5.66 | 18.98 | 49.83 | 83.3 | 1 | 52 |
| Zn | pm10 | 10.83 | 12.88 | 5.84 | 3.19 | 1.49 | 1.49 | 6.29 | 41.02 | 58.90 | 83.3 | 26 | 52 |

GB0091R Banchory

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.30 | 0.29 | 0.20 | 2.53 | 0.01 | 0.03 | 0.21 | 0.66 | 1.90 | 98.6 | 1 | 50 |
| Cd | pm10 | 0.07 | 0.08 | 0.04 | 3.15 | 0.00 | 0.00 | 0.04 | 0.26 | 0.43 | 98.6 | 7 | 50 |
| Cr | pm10 | 0.37 | 0.43 | 0.18 | 3.69 | 0.04 | 0.04 | 0.07 | 1.24 | 1.41 | 98.6 | 29 | 50 |
| Cu | pm10 | 0.66 | 1.25 | 0.14 | 5.77 | 0.02 | 0.02 | 0.05 | 2.74 | 7.92 | 98.6 | 27 | 50 |
| Hg | pm10 | 1.40 | 0.34 | 1.36 | 1.32 | 0.58 | 0.68 | 1.48 | 1.96 | 1.97 | 100.0 | 0 | 26 |
| Ni | pm10 | 0.65 | 1.29 | 0.20 | 4.76 | 0.01 | 0.01 | 0.27 | 1.89 | 8.91 | 98.6 | 10 | 50 |
| Pb | pm10 | 2.83 | 3.16 | 1.64 | 2.90 | 0.08 | 0.13 | 1.79 | 7.47 | 20.47 | 98.6 | 2 | 50 |
| Zn | pm10 | 7.43 | 16.21 | 2.37 | 2.74 | 0.94 | 1.04 | 1.49 | 36.36 | 102.91 | 98.6 | 39 | 50 |

HU0002R K-puszta

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cd | aerosol | 0.13 | 0.13 | 0.09 | 2.59 | 0.03 | 0.03 | 0.10 | 0.36 | 0.96 | 81.6 | 44 | 149 |
| Pb | aerosol | 5.91 | 5.92 | 3.38 | 3.20 | 0.50 | 0.50 | 3.96 | 19.57 | 29.63 | 80.5 | 25 | 147 |

IE0031R Mace Head

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hg | air+aerosol | 1.48 | 0.15 | 1.48 | 1.11 | 0.86 | 1.24 | 1.50 | 1.68 | 2.83 | 87.2 | 0 | 7638 |

IS0091R Storhofdi

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | aerosol | 488.90 | 496.99 | 264.21 | 3.38 | 32.20 | 33.12 | 286.70 | 1803.97 | 1981.10 | 99.8 | 0 | 24 |
| As | aerosol | 0.19 | 0.07 | 0.18 | 1.45 | 0.09 | 0.10 | 0.17 | 0.38 | 0.41 | 99.8 | 0 | 24 |
| Cd | aerosol | 0.08 | 0.15 | 0.04 | 3.03 | 0.00 | 0.00 | 0.02 | 0.59 | 0.64 | 99.8 | 0 | 24 |
| Cr | aerosol | 14.60 | 29.72 | 7.80 | 2.72 | 1.30 | 1.43 | 7.88 | 120.64 | 151.35 | 99.8 | 0 | 24 |
| Cu | aerosol | 2.37 | 5.16 | 1.20 | 2.56 | 0.35 | 0.38 | 1.02 | 20.65 | 26.11 | 99.8 | 0 | 24 |
| Fe | aerosol | 818.92 | 774.45 | 467.63 | 3.18 | 58.20 | 62.62 | 477.40 | 2594.07 | 2796.90 | 99.8 | 0 | 24 |
| Hg | aerosol | 1.48 | 0.92 | 1.28 | 1.70 | 0.64 | 0.64 | 1.12 | 3.82 | 3.96 | 99.8 | 0 | 24 |
| Mn | aerosol | 15.44 | 16.04 | 8.46 | 3.22 | 1.32 | 1.42 | 7.69 | 55.91 | 59.32 | 99.8 | 0 | 24 |
| Ni | aerosol | 23.56 | 93.20 | 4.74 | 3.36 | 1.02 | 1.04 | 4.42 | 349.60 | 461.24 | 99.8 | 0 | 24 |
| Pb | aerosol | 2.42 | 6.21 | 0.59 | 4.26 | 0.10 | 0.10 | 0.40 | 24.81 | 28.58 | 99.8 | 0 | 24 |
| V | aerosol | 3.45 | 2.68 | 2.59 | 2.14 | 1.03 | 1.04 | 2.18 | 9.84 | 10.47 | 99.8 | 0 | 24 |
| Zn | aerosol | 8.65 | 17.57 | 4.72 | 2.36 | 1.55 | 1.71 | 4.55 | 72.69 | 87.23 | 99.8 | 0 | 24 |

LT0015R Preila

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.60 | 0.63 | 0.37 | 2.82 | 0.02 | 0.05 | 0.35 | 1.94 | 3.14 | 99.1 | 0 | 52 |
| Cd | aerosol | 0.20 | 0.15 | 0.15 | 2.41 | 0.00 | 0.02 | 0.17 | 0.55 | 0.61 | 99.1 | 0 | 52 |
| Cr | aerosol | 0.25 | 0.15 | 0.21 | 2.06 | -0.04 | 0.05 | 0.23 | 0.53 | 0.72 | 99.1 | 0 | 52 |
| Cu | aerosol | 1.45 | 0.72 | 1.27 | 1.75 | 0.18 | 0.27 | 1.35 | 2.69 | 4.58 | 99.1 | 0 | 52 |
| Ni | aerosol | 0.82 | 0.47 | 0.67 | 2.12 | 0.02 | 0.21 | 0.76 | 1.71 | 2.35 | 99.1 | 0 | 52 |
| Pb | aerosol | 6.89 | 5.27 | 5.20 | 2.19 | 0.60 | 0.96 | 4.75 | 18.91 | 24.60 | 99.1 | 0 | 52 |
| Zn | aerosol | 19.75 | 13.34 | 16.15 | 1.92 | 2.40 | 5.29 | 16.60 | 48.90 | 74.50 | 99.1 | 0 | 52 |

LV0010R Rucava

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.58 | 0.70 | 0.27 | 4.15 | 0.02 | 0.02 | 0.48 | 2.82 | 2.99 | 92.3 | 8 | 49 |
| Cd | aerosol | 0.21 | 0.20 | 0.12 | 4.11 | 0.00 | 0.01 | 0.19 | 0.61 | 0.92 | 100.0 | 3 | 53 |
| Cu | aerosol | 1.29 | 0.90 | 1.01 | 2.16 | 0.11 | 0.21 | 1.14 | 2.85 | 5.25 | 100.0 | 1 | 53 |
| Pb | aerosol | 5.22 | 5.00 | 2.79 | 4.07 | 0.04 | 0.11 | 3.87 | 16.59 | 20.90 | 100.0 | 1 | 53 |
| Zn | aerosol | 29.10 | 26.41 | 18.09 | 2.96 | 1.36 | 1.95 | 22.83 | 94.19 | 106.03 | 98.1 | 0 | 52 |

LV0016R Zoseni

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.38 | 0.33 | 0.26 | 2.63 | 0.03 | 0.04 | 0.27 | 1.03 | 1.72 | 96.2 | 1 | 51 |
| Cd | aerosol | 0.15 | 0.12 | 0.10 | 2.72 | 0.01 | 0.02 | 0.12 | 0.36 | 0.46 | 100.0 | 0 | 53 |
| Cu | aerosol | 1.04 | 0.51 | 0.92 | 1.84 | 0.05 | 0.39 | 0.95 | 2.18 | 2.61 | 98.1 | 1 | 52 |
| Mn | aerosol | 16.12 | 22.44 | 6.00 | 4.59 | 0.02 | 1.09 | 3.86 | 71.95 | 79.30 | 100.0 | 1 | 53 |
| Ni | aerosol | 0.66 | 0.48 | 0.46 | 2.65 | 0.04 | 0.04 | 0.62 | 1.62 | 1.74 | 100.0 | 3 | 53 |
| Pb | aerosol | 3.08 | 2.94 | 1.89 | 3.24 | 0.07 | 0.21 | 2.10 | 10.22 | 10.64 | 100.0 | 1 | 53 |
| Zn | aerosol | 13.08 | 8.12 | 10.80 | 1.98 | 1.75 | 2.70 | 11.82 | 31.26 | 35.79 | 100.0 | 0 | 53 |

NL0008R Bilthoven

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.82 | 0.71 | 0.57 | 2.45 | 0.06 | 0.11 | 0.59 | 2.31 | 3.79 | 46.8 | 0 | 171 |
| Cd | aerosol | 0.23 | 0.17 | 0.17 | 2.41 | 0.01 | 0.03 | 0.18 | 0.56 | 1.05 | 46.6 | 0 | 170 |
| Ni | aerosol | 1.87 | 1.40 | 1.48 | 2.03 | -0.03 | 0.45 | 1.52 | 4.57 | 8.41 | 46.8 | 0 | 171 |
| Pb | aerosol | 8.35 | 6.85 | 6.16 | 2.29 | 0.49 | 1.29 | 6.81 | 19.85 | 44.06 | 46.8 | 0 | 171 |
| Zn | aerosol | 26.26 | 19.61 | 20.05 | 2.23 | -0.63 | 4.21 | 21.49 | 67.81 | 121.51 | 46.8 | 0 | 171 |

NL0009R Kollumerwaard

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.48 | 0.53 | 0.31 | 2.51 | 0.10 | 0.10 | 0.34 | 1.78 | 4.13 | 42.7 | 44 | 156 |
| Cd | aerosol | 0.14 | 0.13 | 0.09 | 2.68 | 0.02 | 0.02 | 0.10 | 0.42 | 0.81 | 42.7 | 30 | 156 |
| Ni | aerosol | 1.61 | 1.05 | 1.33 | 1.84 | 0.70 | 0.70 | 1.25 | 3.81 | 5.47 | 42.7 | 56 | 156 |
| Pb | aerosol | 5.46 | 4.48 | 3.76 | 2.66 | 0.13 | 0.50 | 4.47 | 15.82 | 26.34 | 42.7 | 0 | 156 |
| Zn | aerosol | 19.65 | 17.01 | 15.73 | 1.95 | 0.00 | 7.70 | 14.94 | 46.63 | 144.15 | 42.7 | 55 | 156 |

NO0001R Birkenes

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.31 | 0.34 | 0.20 | 2.58 | 0.02 | 0.03 | 0.20 | 0.79 | 2.76 | 98.6 | 45 | 123 |
| Cd | pm10 | 0.06 | 0.06 | 0.03 | 3.27 | 0.00 | 0.00 | 0.04 | 0.19 | 0.27 | 98.6 | 28 | 123 |
| Co | pm10 | 0.05 | 0.06 | 0.03 | 2.95 | 0.00 | 0.01 | 0.03 | 0.15 | 0.56 | 98.6 | 54 | 123 |
| Cr | pm10 | 1.16 | 1.53 | 0.71 | 2.82 | 0.06 | 0.06 | 0.80 | 3.90 | 11.45 | 98.6 | 109 | 123 |
| Cu | pm10 | 1.56 | 2.55 | 1.01 | 2.92 | 0.08 | 0.16 | 0.99 | 6.76 | 18.52 | 98.6 | 38 | 123 |
| Hg | air | 1.76 | 0.32 | 1.73 | 1.19 | 1.01 | 1.33 | 1.71 | 2.35 | 3.43 | 55.9 | 0 | 4900 |
| Ni | pm10 | 0.75 | 0.81 | 0.46 | 2.93 | 0.05 | 0.08 | 0.56 | 2.20 | 5.87 | 98.6 | 43 | 123 |
| Pb | pm10 | 2.01 | 2.11 | 1.10 | 3.11 | 0.04 | 0.16 | 1.13 | 6.41 | 10.94 | 98.6 | 32 | 123 |
| V | pm10 | 1.20 | 1.23 | 0.74 | 3.32 | 0.01 | 0.09 | 0.92 | 3.43 | 8.19 | 98.6 | 22 | 123 |
| Zn | pm10 | 5.77 | 6.21 | 3.29 | 2.91 | 0.41 | 0.42 | 3.54 | 20.41 | 35.10 | 98.6 | 18 | 123 |

NO0042G Spitsbergen, Zeppelinfjell

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.05 | 0.08 | 0.02 | 4.24 | 0.00 | 0.00 | 0.02 | 0.26 | 0.37 | 28.8 | 15 | 51 |
| Cd | aerosol | 0.02 | 0.04 | 0.01 | 4.43 | 0.00 | 0.00 | 0.01 | 0.07 | 0.29 | 28.8 | 25 | 51 |
| Co | aerosol | 0.01 | 0.01 | 0.01 | 3.72 | 0.00 | 0.00 | 0.01 | 0.04 | 0.05 | 28.8 | 14 | 51 |
| Cr | aerosol | 0.08 | 0.08 | 0.06 | 2.47 | 0.01 | 0.02 | 0.06 | 0.27 | 0.43 | 28.8 | 42 | 51 |
| Cu | aerosol | 0.30 | 0.30 | 0.17 | 3.27 | 0.03 | 0.03 | 0.27 | 0.86 | 1.77 | 28.8 | 14 | 51 |
| Hg | air | 1.60 | 0.18 | 1.59 | 1.13 | 0.43 | 1.31 | 1.62 | 1.83 | 2.41 | 68.2 | 0 | 5973 |
| Mn | aerosol | 0.34 | 0.63 | 0.14 | 3.75 | 0.02 | 0.02 | 0.14 | 2.18 | 3.29 | 28.8 | 9 | 51 |
| Ni | aerosol | 0.05 | 0.06 | 0.03 | 2.22 | 0.01 | 0.01 | 0.02 | 0.23 | 0.29 | 28.8 | 31 | 51 |
| Pb | aerosol | 0.44 | 0.81 | 0.14 | 5.35 | 0.01 | 0.01 | 0.12 | 2.33 | 4.28 | 28.8 | 4 | 51 |
| V | aerosol | 0.10 | 0.13 | 0.04 | 4.17 | 0.01 | 0.01 | 0.05 | 0.47 | 0.60 | 28.8 | 11 | 51 |
| Zn | aerosol | 1.64 | 1.86 | 1.04 | 2.70 | 0.17 | 0.17 | 1.04 | 5.21 | 11.42 | 28.8 | 18 | 51 |

PL0005R Diabla Gora

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.96 | 1.07 | 0.64 | 2.34 | 0.20 | 0.20 | 0.50 | 3.13 | 6.30 | 100.0 | 0 | 53 |
| Cd | pm10 | 0.34 | 0.33 | 0.27 | 2.18 | 0.00 | 0.00 | 0.20 | 0.90 | 1.90 | 100.0 | 0 | 53 |
| Cr | pm10 | 0.91 | 0.79 | 0.73 | 1.87 | 0.10 | 0.26 | 0.78 | 1.58 | 5.84 | 100.0 | 0 | 53 |
| Cu | pm10 | 2.20 | 2.09 | 1.74 | 1.88 | 0.50 | 0.74 | 1.50 | 5.58 | 14.30 | 100.0 | 0 | 53 |
| Hg | air | 1.46 | 1.13 | 1.03 | 2.56 | 0.10 | 0.18 | 1.15 | 4.14 | 4.40 | 13.7 | 7 | 50 |
| Ni | pm10 | 1.29 | 1.11 | 1.05 | 1.78 | 0.41 | 0.47 | 0.98 | 3.41 | 7.55 | 100.0 | 0 | 53 |
| Pb | pm10 | 9.49 | 9.32 | 6.56 | 2.36 | 1.30 | 1.70 | 6.40 | 26.34 | 53.70 | 100.0 | 0 | 53 |
| Zn | pm10 | 25.09 | 25.75 | 16.94 | 2.48 | 0.80 | 4.57 | 17.40 | 75.49 | 155.40 | 100.0 | 0 | 53 |

SE0014R Råö

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.85 | 0.69 | 0.72 | 1.92 | 0.27 | 0.27 | 0.66 | 2.63 | 2.63 | 82.5 | 0 | 10 |
| Cd | aerosol | 0.15 | 0.09 | 0.13 | 1.83 | 0.06 | 0.06 | 0.12 | 0.34 | 0.34 | 82.5 | 0 | 10 |
| Hg | aerosol | 10.43 | 10.26 | 8.17 | 1.92 | 1.60 | 2.19 | 8.40 | 29.61 | 73.00 | 26.8 | 0 | 98 |
| Hg | air+aerosol | 1.60 | 0.21 | 1.59 | 1.14 | 1.10 | 1.31 | 1.60 | 1.90 | 2.50 | 16.7 | 0 | 61 |
| Ni | aerosol | 2.02 | 2.06 | 1.56 | 2.16 | 0.58 | 0.58 | 1.81 | 7.62 | 7.62 | 82.5 | 0 | 10 |
| Pb | aerosol | 5.78 | 4.04 | 4.92 | 1.94 | 2.00 | 2.00 | 4.63 | 14.40 | 14.40 | 82.5 | 0 | 10 |

SI0008R Iskrba

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | pm10 | 0.61 | 0.39 | 0.54 | 1.53 | 0.45 | 0.45 | 0.45 | 1.52 | 2.36 | 16.4 | 50 | 60 |
| Cd | pm10 | 0.23 | 0.00 | 0.23 | 1.00 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 16.2 | 59 | 59 |
| Ni | pm10 | 1.89 | 1.70 | 1.44 | 1.98 | 0.90 | 0.90 | 0.90 | 5.80 | 8.30 | 16.2 | 38 | 59 |
| Pb | pm10 | 9.05 | 0.00 | 9.05 | 1.00 | 9.05 | 9.05 | 9.05 | 9.05 | 9.05 | 16.4 | 60 | 60 |

SK0002R Chopok

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.22 | 0.23 | 0.09 | 5.17 | 0.00 | 0.00 | 0.12 | 0.74 | 0.88 | 84.7 | 4 | 50 |
| Cd | aerosol | 0.09 | 0.08 | 0.05 | 3.04 | 0.01 | 0.01 | 0.05 | 0.30 | 0.34 | 84.7 | 0 | 50 |
| Cr | aerosol | 0.97 | 1.31 | 0.63 | 2.48 | 0.08 | 0.10 | 0.62 | 3.93 | 8.03 | 81.0 | 0 | 47 |
| Cu | aerosol | 1.24 | 2.27 | 0.63 | 3.21 | 0.01 | 0.10 | 0.58 | 7.51 | 12.53 | 83.0 | 0 | 49 |
| Mn | aerosol | 2.78 | 2.78 | 1.56 | 2.98 | 0.24 | 0.28 | 1.39 | 9.28 | 12.07 | 83.0 | 0 | 49 |
| Ni | aerosol | 0.60 | 0.79 | 0.44 | 2.25 | 0.05 | 0.12 | 0.43 | 2.36 | 4.93 | 81.4 | 0 | 48 |
| Pb | aerosol | 2.72 | 2.70 | 1.63 | 2.73 | 0.20 | 0.42 | 1.41 | 9.11 | 11.55 | 84.7 | 0 | 50 |
| Zn | aerosol | 6.45 | 5.27 | 4.38 | 2.56 | 0.65 | 0.83 | 4.45 | 18.95 | 22.00 | 84.7 | 0 | 50 |

SK0004R Stará Lesná

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.67 | 0.40 | 0.58 | 1.78 | 0.09 | 0.21 | 0.65 | 1.82 | 2.13 | 84.4 | 0 | 51 |
| Cd | aerosol | 0.23 | 0.11 | 0.20 | 1.77 | 0.06 | 0.07 | 0.24 | 0.46 | 0.51 | 84.4 | 0 | 51 |
| Cr | aerosol | 0.65 | 0.36 | 0.54 | 1.88 | 0.05 | 0.24 | 0.58 | 1.32 | 1.77 | 84.4 | 0 | 51 |
| Cu | aerosol | 2.19 | 1.36 | 1.92 | 1.72 | 0.57 | 0.76 | 1.91 | 5.51 | 6.42 | 84.4 | 0 | 51 |
| Mn | aerosol | 4.80 | 1.98 | 4.31 | 1.55 | 1.31 | 1.50 | 4.50 | 7.77 | 12.87 | 84.4 | 0 | 51 |
| Ni | aerosol | 0.51 | 0.22 | 0.46 | 1.57 | 0.17 | 0.20 | 0.52 | 1.06 | 1.19 | 84.4 | 0 | 51 |
| Pb | aerosol | 9.25 | 4.87 | 8.15 | 1.76 | 2.40 | 2.92 | 8.80 | 20.12 | 21.70 | 84.4 | 0 | 51 |
| Zn | aerosol | 16.17 | 8.43 | 14.31 | 1.67 | 5.00 | 5.72 | 14.20 | 36.48 | 40.90 | 84.4 | 0 | 51 |

SK0005R Liesek

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 1.70 | 1.79 | 1.17 | 2.36 | 0.30 | 0.34 | 1.02 | 5.71 | 8.64 | 83.4 | 0 | 41 |
| Cd | aerosol | 0.40 | 0.25 | 0.36 | 1.76 | 0.12 | 0.13 | 0.36 | 0.94 | 1.27 | 85.0 | 0 | 42 |
| Cr | aerosol | 0.78 | 0.32 | 0.77 | 1.46 | 0.37 | 0.39 | 0.76 | 1.49 | 1.60 | 83.4 | 0 | 41 |
| Cu | aerosol | 2.59 | 0.87 | 2.61 | 1.38 | 1.41 | 1.43 | 2.65 | 4.36 | 4.79 | 85.0 | 0 | 42 |
| Mn | aerosol | 22.09 | 13.46 | 17.81 | 2.19 | 3.00 | 3.70 | 23.40 | 47.50 | 48.60 | 80.1 | 0 | 39 |
| Ni | aerosol | 0.84 | 0.36 | 0.79 | 1.46 | 0.41 | 0.41 | 0.80 | 1.64 | 2.21 | 85.0 | 0 | 42 |
| Pb | aerosol | 13.79 | 9.88 | 12.39 | 1.79 | 3.20 | 4.41 | 12.85 | 37.55 | 57.40 | 85.0 | 0 | 42 |
| Zn | aerosol | 26.51 | 13.87 | 23.92 | 1.66 | 8.40 | 9.82 | 23.80 | 47.40 | 77.20 | 83.4 | 0 | 41 |

SK0006R Starina

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 0.76 | 0.53 | 0.61 | 1.98 | 0.06 | 0.20 | 0.61 | 2.11 | 2.87 | 87.4 | 0 | 47 |
| Cd | aerosol | 0.33 | 0.17 | 0.26 | 1.82 | 0.04 | 0.09 | 0.26 | 0.66 | 0.69 | 83.6 | 0 | 46 |
| Cr | aerosol | 0.71 | 0.29 | 0.66 | 1.50 | 0.22 | 0.32 | 0.64 | 1.33 | 1.36 | 87.4 | 0 | 47 |
| Cu | aerosol | 2.25 | 0.95 | 1.68 | 2.17 | 0.02 | 0.89 | 1.96 | 3.47 | 5.41 | 87.4 | 0 | 47 |
| Mn | aerosol | 6.06 | 5.55 | 4.46 | 1.97 | 0.50 | 1.57 | 4.60 | 24.24 | 29.00 | 87.4 | 0 | 47 |
| Ni | aerosol | 0.71 | 0.32 | 0.63 | 1.56 | 0.20 | 0.26 | 0.64 | 1.51 | 1.61 | 85.4 | 0 | 45 |
| Pb | aerosol | 11.88 | 7.70 | 8.59 | 2.32 | 0.20 | 2.24 | 9.40 | 29.34 | 35.70 | 87.4 | 0 | 47 |
| Zn | aerosol | 16.63 | 7.96 | 14.31 | 1.67 | 2.80 | 5.94 | 14.70 | 32.56 | 39.70 | 87.4 | 0 | 47 |

SK0007R Topolniky

January 2006 - December 2006

| Component | matrix | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| As | aerosol | 1.05 | 1.11 | 0.81 | 2.87 | 0.10 | 0.11 | 0.95 | 3.76 | 4.17 | 91.1 | 0 | 31 |
| Cd | aerosol | 0.30 | 0.21 | 0.24 | 2.22 | 0.06 | 0.06 | 0.27 | 0.71 | 0.72 | 91.1 | 0 | 31 |
| Cr | aerosol | 2.65 | 2.24 | 2.33 | 2.01 | 0.61 | 0.62 | 2.37 | 9.35 | 10.44 | 81.3 | 0 | 25 |
| Cu | aerosol | 3.63 | 1.69 | 3.27 | 1.54 | 1.40 | 1.42 | 3.43 | 7.55 | 9.97 | 91.1 | 0 | 31 |
| Mn | aerosol | 9.29 | 3.70 | 6.39 | 1.51 | 3.46 | 3.49 | 6.88 | 13.19 | 14.49 | 82.9 | 0 | 26 |
| Ni | aerosol | 2.52 | 2.78 | 2.02 | 2.30 | 0.41 | 0.43 | 2.09 | 11.62 | 12.61 | 81.3 | 0 | 25 |
| Pb | aerosol | 12.73 | 8.91 | 10.43 | 2.04 | 2.70 | 2.88 | 11.40 | 35.06 | 37.40 | 91.1 | 0 | 31 |
| Zn | aerosol | 19.84 | 14.10 | 17.09 | 1.88 | 5.60 | 6.44 | 15.60 | 52.26 | 55.20 | 91.1 | 0 | 31 |

# Annex 3

# Annual statistics for POPs in precipitation

CZ0003R Kosetice

January 2006 - December 2006

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| PCB_101 | precip | 0.062 | 0.050 | 0.400 | 40.0 | 89.7 | 79 | 89 |
| PCB_118 | precip | 0.051 | 0.050 | 0.290 | 33.3 | 89.7 | 87 | 89 |
| PCB_138 | precip | 0.072 | 0.050 | 1.150 | 46.5 | 89.7 | 75 | 89 |
| PCB_153 | precip | 0.211 | 0.050 | 10.900 | 136.6 | 89.7 | 38 | 89 |
| PCB_180 | precip | 0.082 | 0.050 | 0.958 | 53.5 | 89.7 | 67 | 89 |
| PCB_28 | precip | 0.055 | 0.050 | 0.200 | 36.0 | 89.7 | 86 | 89 |
| PCB_52 | precip | 0.118 | 0.050 | 3.043 | 76.8 | 89.7 | 76 | 89 |
| acenaphthene | precip | 0.65 | 0.05 | 2.70 | 420.3 | 89.7 | 2 | 89 |
| acenaphthylene | precip | 0.81 | 0.05 | 8.70 | 525.7 | 89.7 | 25 | 89 |
| alpha_HCH | precip | 0.11 | 0.05 | 1.10 | 70.0 | 89.7 | 70 | 89 |
| benzo_a_anthracene | precip | 1.52 | 0.10 | 19.80 | 983.6 | 89.7 | 34 | 89 |
| benzo_a_pyrene | precip | 0.937 | 0.100 | 11.400 | 607.6 | 89.7 | 30 | 89 |
| benzo_b_fluoranthene | precip | 2.18 | 0.05 | 25.00 | 1414.8 | 89.7 | 14 | 89 |
| benzo_k_fluoranthene | precip | 1.14 | 0.05 | 17.90 | 736.1 | 89.7 | 22 | 89 |
| beta_HCH | precip | 1.36 | 0.05 | 128.90 | 884.8 | 89.7 | 70 | 89 |
| chrysene | precip | 4.34 | 0.05 | 53.90 | 2812.4 | 89.7 | 8 | 89 |
| dibenzo_ah_anthracene | precip | 0.15 | 0.10 | 1.50 | 100.6 | 89.7 | 77 | 89 |
| gamma_HCH | precip | 0.67 | 0.05 | 6.90 | 436.7 | 89.7 | 22 | 89 |
| indeno_123cd_pyrene | precip | 1.27 | 0.10 | 19.00 | 824.9 | 89.7 | 42 | 89 |
| phenanthrene | precip | 14.73 | 2.50 | 107.70 | 9554.1 | 89.7 | 0 | 89 |
| pp_DDD | precip | 0.09 | 0.05 | 1.30 | 55.3 | 89.7 | 84 | 89 |
| pp_DDE | precip | 0.07 | 0.05 | 0.44 | 45.2 | 89.7 | 78 | 89 |
| pp_DDT | precip | 0.05 | 0.05 | 0.05 | 32.4 | 89.7 | 89 | 89 |
| pyrene | precip | 9.78 | 0.50 | 97.50 | 6342.1 | 89.7 | 0 | 89 |

DE0001R Westerland

January 2006 - December 2006

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| HCB | precip | 0.03 | 0.01 | 0.07 | 17.6 | 100.0 | 0 | 12 |
| PCB_101 | precip | 0.038 | 0.015 | 0.133 | 27.0 | 100.0 | 0 | 12 |
| PCB_118 | precip | 0.016 | 0.006 | 0.075 | 11.6 | 100.0 | 0 | 12 |
| PCB_138 | precip | 0.069 | 0.020 | 0.226 | 49.1 | 100.0 | 0 | 12 |
| PCB_153 | precip | 0.057 | 0.019 | 0.207 | 41.2 | 100.0 | 0 | 12 |
| PCB_180 | precip | 0.029 | 0.010 | 0.094 | 21.1 | 100.0 | 0 | 12 |
| PCB_28 | precip | 0.037 | 0.017 | 0.122 | 26.9 | 100.0 | 0 | 12 |
| PCB_52 | precip | 0.020 | 0.008 | 0.095 | 14.3 | 100.0 | 0 | 12 |
| alpha_HCH | precip | 0.22 | 0.09 | 0.37 | 154.8 | 100.0 | 0 | 12 |
| anthracene | precip | 0.48 | 0.16 | 1.55 | 348.0 | 100.0 | 0 | 12 |
| benz_a_anthracene | precip | 1.68 | 0.09 | 9.24 | 1204.5 | 100.0 | 0 | 12 |
| benzo_a_pyrene | precip | 2.203 | 0.380 | 8.680 | 1580.7 | 100.0 | 0 | 12 |
| benzo_ghi_perylene | precip | 2.23 | 0.13 | 12.90 | 1600.2 | 100.0 | 0 | 12 |
| dibenzo_ah_anthracene | precip | 0.50 | 0.12 | 3.67 | 358.2 | 100.0 | 0 | 12 |
| dieldrin | precip | 0.10 | 0.03 | 0.18 | 70.6 | 100.0 | 0 | 12 |
| endrin | precip | 0.02 | 0.00 | 0.07 | 16.2 | 100.0 | 0 | 12 |
| fluoranthene | precip | 13.37 | 2.82 | 61.29 | 9592.0 | 100.0 | 0 | 12 |
| gamma_HCH | precip | 1.04 | 0.52 | 1.91 | 745.8 | 100.0 | 0 | 12 |
| heptachlor | precip | 0.01 | 0.00 | 0.09 | 10.6 | 100.0 | 0 | 12 |
| inden_123cd_pyrene | precip | 2.18 | 0.27 | 15.14 | 1566.6 | 100.0 | 0 | 12 |
| op_DDD | precip | 0.01 | 0.00 | 0.02 | 6.7 | 100.0 | 0 | 12 |
| op_DDE | precip | 0.01 | 0.00 | 0.04 | 5.5 | 100.0 | 0 | 12 |
| op_DDT | precip | 0.01 | 0.00 | 0.05 | 8.3 | 100.0 | 0 | 12 |
| phenanthrene | precip | 11.18 | 5.46 | 50.96 | 8021.1 | 100.0 | 0 | 12 |
| pp_DDD | precip | 0.01 | 0.00 | 0.05 | 8.0 | 100.0 | 0 | 12 |
| pp_DDE | precip | 0.02 | 0.00 | 0.08 | 11.5 | 100.0 | 0 | 12 |
| pp_DDT | precip | 0.03 | 0.01 | 0.11 | 17.9 | 100.0 | 0 | 12 |
| pyrene | precip | 8.19 | 1.09 | 36.50 | 5872.2 | 100.0 | 0 | 12 |

FI0096G Pallas/Särkijärvi

January 2006 - December 2006

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| PCB_101 | precip+dry_dep | 0.139 | 0.040 | 0.290 | 12.1 | 23.8 | 0 | 12 |
| PCB_118 | precip+dry_dep | 0.060 | 0.020 | 0.190 | 5.2 | 23.8 | 0 | 12 |
| PCB_138 | precip+dry_dep | 0.159 | 0.060 | 0.240 | 13.8 | 23.8 | 0 | 12 |
| PCB_153 | precip+dry_dep | 0.134 | 0.030 | 0.210 | 11.7 | 23.8 | 0 | 12 |
| PCB_180 | precip+dry_dep | 0.088 | 0.020 | 0.160 | 7.7 | 23.8 | 0 | 12 |
| PCB_52 | precip+dry_dep | 0.005 | 0.005 | 0.005 | 0.4 | 23.8 | 12 | 12 |
| alpha_HCH | precip+dry_dep | 0.04 | 0.01 | 0.09 | 3.2 | 23.8 | 0 | 12 |
| anthracene | precip+dry_dep | 0.14 | 0.00 | 2.00 | 12.0 | 23.8 | 1 | 12 |
| benzo_a_pyrene | precip+dry_dep | 1.655 | 0.000 | 17.000 | 144.0 | 23.8 | 0 | 12 |
| benzo_ghi_perylene | precip+dry_dep | 2.24 | 0.00 | 15.00 | 195.0 | 23.8 | 0 | 12 |
| fluoranthene | precip+dry_dep | 6.42 | 1.00 | 51.00 | 559.0 | 23.8 | 0 | 12 |
| gamma_HCH | precip+dry_dep | 0.07 | 0.03 | 0.22 | 6.0 | 23.8 | 0 | 12 |
| inden_123cd_pyrene | precip+dry_dep | 2.29 | 0.00 | 22.00 | 199.0 | 23.8 | 0 | 12 |
| phenanthrene | precip+dry_dep | 11.54 | 2.00 | 46.00 | 1004.0 | 23.8 | 0 | 12 |
| pyrene | precip+dry_dep | 5.63 | 1.00 | 33.00 | 490.0 | 23.8 | 0 | 12 |

IS0091R Storhofdi

January 2006 - December 2006

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| HCB | precip | 0.01 | 0.00 | 0.06 | 7.1 | 88.5 | 2 | 23 |
| PCB_101 | precip | 0.013 | 0.001 | 0.240 | 10.0 | 85.1 | 7 | 22 |
| PCB_105 | precip | 0.01 | 0.00 | 0.06 | 5.4 | 85.1 | 11 | 22 |
| PCB_118 | precip | 0.009 | 0.001 | 0.056 | 7.1 | 85.1 | 6 | 22 |
| PCB_138 | precip | 0.019 | 0.002 | 0.135 | 14.3 | 85.1 | 2 | 22 |
| PCB_153 | precip | 0.015 | 0.002 | 0.190 | 11.2 | 85.1 | 4 | 22 |
| PCB_156 | precip | 0.00 | 0.00 | 0.05 | 2.2 | 85.1 | 20 | 22 |
| PCB_180 | precip | 0.008 | 0.002 | 0.105 | 5.9 | 85.1 | 7 | 22 |
| PCB_28 | precip | 0.015 | 0.003 | 0.600 | 11.7 | 88.5 | 16 | 23 |
| PCB_31 | precip | 0.012 | 0.003 | 0.440 | 9.1 | 88.5 | 16 | 23 |
| PCB_52 | precip | 0.006 | 0.001 | 0.180 | 4.6 | 88.5 | 17 | 23 |
| alpha_HCH | precip | 0.08 | 0.05 | 0.18 | 60.2 | 88.5 | 0 | 23 |
| beta_HCH | precip | 0.00 | 0.00 | 0.07 | 3.0 | 88.5 | 23 | 23 |
| cis_CD | precip | 0.00 | 0.00 | 0.03 | 1.6 | 88.5 | 18 | 23 |
| dieldrin | precip | 0.03 | 0.01 | 0.07 | 21.0 | 88.5 | 1 | 23 |
| gamma_HCH | precip | 0.04 | 0.02 | 0.13 | 31.1 | 88.5 | 0 | 23 |
| op_DDT | precip | 0.01 | 0.00 | 0.06 | 7.2 | 88.5 | 7 | 23 |
| pp_DDD | precip | 0.00 | 0.00 | 0.05 | 2.5 | 88.5 | 22 | 23 |
| pp_DDE | precip | 0.00 | 0.00 | 0.05 | 2.5 | 88.5 | 22 | 23 |
| pp_DDT | precip | 0.01 | 0.00 | 0.05 | 5.3 | 88.5 | 13 | 23 |
| trans_CD | precip | 0.00 | 0.00 | 0.03 | 1.3 | 88.5 | 21 | 23 |
| trans_NO | precip | 0.00 | 0.00 | 0.03 | 1.6 | 88.5 | 20 | 23 |

NO0001R Birkenes

January 2006 - December 2006

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| HCB | precip | 0.13 | 0.02 | 1.17 | 241.4 | 87.2 | 0 | 41 |
| PCB_101 | precip | 0.025 | 0.004 | 0.383 | 45.7 | 87.2 | 0 | 41 |
| PCB_118 | precip | 0.018 | 0.003 | 0.206 | 32.4 | 87.2 | 0 | 41 |
| PCB_138 | precip | 0.021 | 0.004 | 0.260 | 37.9 | 87.2 | 0 | 41 |
| PCB_153 | precip | 0.034 | 0.005 | 0.384 | 60.6 | 87.2 | 0 | 41 |
| PCB_180 | precip | 0.014 | 0.002 | 0.169 | 25.4 | 87.2 | 0 | 41 |
| PCB_28 | precip | 0.023 | 0.005 | 0.310 | 41.8 | 87.2 | 0 | 41 |
| PCB_52 | precip | 0.028 | 0.004 | 0.378 | 49.9 | 87.2 | 0 | 41 |
| alpha_HCH | precip | 0.21 | 0.05 | 0.48 | 377.4 | 87.2 | 0 | 41 |
| gamma_HCH | precip | 0.47 | 0.13 | 1.16 | 849.7 | 87.2 | 0 | 41 |
| sum_PCB | precip | 0.16 | 0.03 | 1.90 | 292.9 | 87.1 | 0 | 40 |

SE0012R Aspvreten

January 2006 - December 2006

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| PCB_101 | precip+dry_dep | 0.197 | 0.020 | 1.380 | 12.2 | 17.0 | 0 | 9 |
| PCB_118 | precip+dry_dep | 0.073 | 0.010 | 0.440 | 4.5 | 17.0 | 0 | 9 |
| PCB_138 | precip+dry_dep | 0.101 | 0.020 | 0.520 | 6.3 | 17.0 | 0 | 9 |
| PCB_153 | precip+dry_dep | 0.109 | 0.020 | 0.650 | 6.8 | 17.0 | 0 | 9 |
| PCB_180 | precip+dry_dep | 0.040 | 0.010 | 0.130 | 2.5 | 17.0 | 0 | 9 |
| PCB_28 | precip+dry_dep | 0.151 | 0.010 | 0.780 | 9.4 | 17.0 | 0 | 9 |
| PCB_52 | precip+dry_dep | 0.175 | 0.010 | 0.970 | 10.9 | 17.0 | 0 | 9 |
| alpha_HCH | precip+dry_dep | 0.16 | 0.00 | 2.54 | 23.3 | 40.3 | 2 | 10 |
| anthracene | precip+dry_dep | 3.16 | 0.00 | 15.00 | 196.0 | 17.0 | 0 | 9 |
| benzo_a_pyrene | precip+dry_dep | 26.290 | 0.000 | 135.000 | 1630.0 | 17.0 | 0 | 9 |
| benzo_ghi_perylene | precip+dry_dep | 37.65 | 0.50 | 161.00 | 2334.0 | 17.0 | 3 | 9 |
| fluoranthene | precip+dry_dep | 91.53 | 7.00 | 417.00 | 5675.0 | 17.0 | 0 | 9 |
| gamma_HCH | precip+dry_dep | 0.23 | 0.00 | 2.46 | 33.8 | 40.3 | 1 | 10 |
| inden_123cd_pyrene | precip+dry_dep | 57.24 | 0.00 | 288.00 | 3549.0 | 17.0 | 4 | 9 |
| phenanthrene | precip+dry_dep | 42.13 | 2.00 | 184.00 | 2612.0 | 17.0 | 0 | 9 |
| pyrene | precip+dry_dep | 65.40 | 1.00 | 296.00 | 4055.0 | 17.0 | 0 | 9 |

SE0014R Råö

January 2006 - December 2006

| Component | matrix | W. mean | Min | Max | Dep | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|
| PCB_101 | precip+dry_dep | 0.152 | 0.050 | 0.540 | 54.3 | 92.3 | 0 | 12 |
| PCB_118 | precip+dry_dep | 0.213 | 0.050 | 1.100 | 76.3 | 92.3 | 0 | 12 |
| PCB_138 | precip+dry_dep | 0.370 | 0.120 | 1.300 | 137.0 | 92.3 | 0 | 12 |
| PCB_153 | precip+dry_dep | 0.322 | 0.130 | 0.910 | 117.0 | 92.3 | 0 | 12 |
| PCB_180 | precip+dry_dep | 0.218 | 0.020 | 0.530 | 80.7 | 92.3 | 0 | 12 |
| PCB_52 | precip+dry_dep | 0.026 | 0.005 | 0.110 | 11.7 | 92.3 | 7 | 12 |
| alpha_HCH | precip+dry_dep | 0.15 | 0.01 | 0.52 | 56.3 | 100.0 | 0 | 13 |
| anthracene | precip+dry_dep | 0.62 | 0.00 | 1.00 | 253.0 | 100.0 | 0 | 13 |
| benzo_a_pyrene | precip+dry_dep | 4.961 | 2.000 | 9.000 | 1952.0 | 100.0 | 0 | 13 |
| benzo_ghi_perylene | precip+dry_dep | 4.47 | 1.00 | 10.00 | 1798.0 | 100.0 | 0 | 13 |
| fluoranthene | precip+dry_dep | 21.90 | 6.00 | 55.00 | 9110.0 | 100.0 | 0 | 13 |
| gamma_HCH | precip+dry_dep | 0.42 | 0.02 | 0.95 | 157.1 | 100.0 | 0 | 13 |
| inden_123cd_pyrene | precip+dry_dep | 5.78 | 1.00 | 15.00 | 2332.0 | 100.0 | 0 | 13 |
| phenanthrene | precip+dry_dep | 19.04 | 5.00 | 50.00 | 7870.0 | 100.0 | 0 | 13 |
| pyrene | precip+dry_dep | 13.75 | 4.00 | 26.00 | 5608.0 | 100.0 | 0 | 13 |

# Annex 4

# Annual statistics for POPs in air

CZ0003R Kosetice

January 2006 - December 2006

| Component | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HCB | 70.16 | 46.16 | 55.44 | 2.39 | 0.50 | 15.16 | 55.90 | 172.53 | 247.95 | 14.2 | 1 | 52 |
| PCB_101 | 2.208 | 1.913 | 1.637 | 2.202 | 0.500 | 0.500 | 1.650 | 6.513 | 11.000 | 14.2 | 11 | 52 |
| PCB_118 | 0.964 | 0.576 | 0.816 | 1.775 | 0.500 | 0.500 | 0.500 | 2.250 | 2.250 | 14.2 | 29 | 52 |
| PCB_138 | 1.474 | 1.454 | 1.065 | 2.152 | 0.500 | 0.500 | 1.200 | 6.000 | 7.000 | 14.2 | 22 | 52 |
| PCB_153 | 2.654 | 1.753 | 2.245 | 1.779 | 0.500 | 0.857 | 2.050 | 7.018 | 10.000 | 14.2 | 2 | 52 |
| PCB_180 | 1.712 | 2.002 | 1.128 | 2.329 | 0.500 | 0.500 | 1.150 | 8.263 | 8.800 | 14.2 | 21 | 52 |
| PCB_28 | 6.263 | 5.900 | 5.103 | 1.829 | 1.050 | 1.610 | 4.975 | 10.895 | 43.850 | 14.2 | 0 | 52 |
| PCB_52 | 6.009 | 4.039 | 4.935 | 1.944 | 0.500 | 1.215 | 5.025 | 16.433 | 21.000 | 14.2 | 1 | 52 |
| alpha_HCH | 21.20 | 11.73 | 17.36 | 2.14 | 0.50 | 4.81 | 17.12 | 44.22 | 45.65 | 14.2 | 1 | 52 |
| anthracene | 0.21 | 0.43 | 0.07 | 4.75 | 0.00 | 0.01 | 0.07 | 1.06 | 2.67 | 14.2 | 1 | 52 |
| benz_a_anthracene | 0.29 | 0.61 | 0.06 | 6.16 | 0.00 | 0.00 | 0.04 | 2.12 | 2.95 | 14.2 | 2 | 52 |
| benzo_a_pyrene | 0.235 | 0.517 | 0.047 | 6.275 | 0.002 | 0.002 | 0.031 | 1.614 | 2.870 | 14.2 | 5 | 52 |
| benzo_b_fluoranthene | 0.30 | 0.57 | 0.08 | 5.56 | 0.00 | 0.00 | 0.07 | 1.62 | 3.33 | 14.2 | 3 | 52 |
| benzo_ghi_perylene | 0.13 | 0.30 | 0.04 | 5.00 | 0.00 | 0.00 | 0.03 | 0.52 | 2.00 | 14.2 | 6 | 52 |
| benzo_k_fluoranthene | 0.18 | 0.34 | 0.04 | 5.31 | 0.00 | 0.00 | 0.03 | 1.28 | 1.51 | 14.2 | 3 | 52 |
| fluoranthene | 2.09 | 3.14 | 0.93 | 3.42 | 0.19 | 0.21 | 0.68 | 10.24 | 14.24 | 14.2 | 0 | 52 |
| fluorene | 3.47 | 5.02 | 1.52 | 3.62 | 0.12 | 0.29 | 1.30 | 16.64 | 21.37 | 14.2 | 0 | 52 |
| gamma_HCH | 29.94 | 15.38 | 26.03 | 1.74 | 7.00 | 10.71 | 26.45 | 61.44 | 65.75 | 14.2 | 0 | 52 |
| naphtalene | 2.38 | 3.80 | 0.82 | 4.41 | 0.03 | 0.12 | 0.64 | 12.02 | 16.54 | 14.2 | 0 | 52 |
| phenanthrene | 6.41 | 8.10 | 3.48 | 2.95 | 0.65 | 0.85 | 2.80 | 26.08 | 36.60 | 14.2 | 0 | 52 |
| pp_DDD | 1.60 | 2.35 | 1.09 | 2.21 | 0.50 | 0.50 | 1.15 | 3.34 | 17.00 | 14.2 | 22 | 52 |
| pp_DDE | 20.70 | 15.33 | 15.30 | 2.35 | 1.65 | 2.46 | 16.50 | 54.67 | 63.80 | 14.2 | 0 | 52 |
| pp_DDT | 2.61 | 2.38 | 1.75 | 2.53 | 0.50 | 0.50 | 1.80 | 7.97 | 10.85 | 14.2 | 13 | 52 |
| pyrene | 1.34 | 2.13 | 0.54 | 3.72 | 0.10 | 0.11 | 0.40 | 7.46 | 9.52 | 14.2 | 0 | 52 |

ES0008R Niembro

January 2006 - December 2006

| 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 | 1.12 | 0.06 | 0.06 | 0.06 | 0.08 | 0.10 | 13.7 | 0 | 50 |
| acenaphtylene | 0.03 | 0.00 | 0.03 | 1.06 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 13.7 | 0 | 50 |
| anthracene | 0.00 | 0.00 | 0.00 | 1.81 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 13.7 | 0 | 50 |
| benz_a_anthracene | 0.02 | 0.02 | 0.02 | 1.58 | 0.01 | 0.01 | 0.02 | 0.07 | 0.10 | 13.7 | 0 | 50 |
| benzo_a_pyrene | 0.037 | 0.039 | 0.029 | 1.858 | 0.016 | 0.017 | 0.022 | 0.137 | 0.214 | 13.7 | 0 | 50 |
| benzo_b_fluoranthene | 0.03 | 0.03 | 0.03 | 2.08 | 0.01 | 0.01 | 0.03 | 0.11 | 0.15 | 13.7 | 0 | 50 |
| benzo_ghi_perylene | 0.04 | 0.03 | 0.03 | 1.63 | 0.02 | 0.02 | 0.03 | 0.10 | 0.19 | 13.7 | 0 | 50 |
| benzo_k_fluoranthene | 0.03 | 0.04 | 0.02 | 2.15 | 0.01 | 0.01 | 0.02 | 0.12 | 0.17 | 13.7 | 0 | 50 |
| chrysene | 0.03 | 0.02 | 0.02 | 1.78 | 0.01 | 0.01 | 0.02 | 0.08 | 0.12 | 13.7 | 0 | 50 |
| dibenzo_ah_anthracene | 0.03 | 0.00 | 0.03 | 1.10 | 0.03 | 0.03 | 0.03 | 0.04 | 0.05 | 13.7 | 0 | 50 |
| fluorene | 0.00 | 0.00 | 0.00 | 1.20 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 13.7 | 0 | 50 |
| inden_123cd_pyrene | 0.04 | 0.02 | 0.04 | 1.44 | 0.03 | 0.03 | 0.03 | 0.09 | 0.13 | 13.7 | 0 | 50 |
| naphtalene | 0.01 | 0.00 | 0.01 | 1.31 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 13.7 | 0 | 50 |
| phenanthrene | 0.01 | 0.01 | 0.01 | 1.48 | 0.01 | 0.01 | 0.01 | 0.02 | 0.03 | 13.7 | 0 | 50 |
| pyrene | 0.02 | 0.02 | 0.01 | 2.02 | 0.01 | 0.01 | 0.01 | 0.06 | 0.10 | 13.7 | 0 | 50 |

FI0096G Pallas/Särkijärvi

January 2006 - December 2006

| Component | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCB_101 | 1.193 | 0.663 | 0.999 | 1.797 | 0.380 | 0.380 | 0.875 | 2.500 | 2.500 | 23.8 | 0 | 12 |
| PCB_118 | 0.381 | 0.246 | 0.283 | 2.078 | 0.070 | 0.070 | 0.290 | 0.920 | 0.920 | 23.8 | 0 | 12 |
| PCB_138 | 0.485 | 0.225 | 0.417 | 1.591 | 0.180 | 0.180 | 0.380 | 1.000 | 1.000 | 23.8 | 0 | 12 |
| PCB_153 | 0.443 | 0.235 | 0.366 | 1.775 | 0.120 | 0.120 | 0.365 | 0.890 | 0.890 | 23.8 | 0 | 12 |
| PCB_180 | 0.102 | 0.071 | 0.075 | 2.071 | 0.020 | 0.020 | 0.074 | 0.240 | 0.240 | 23.8 | 0 | 12 |
| PCB_28 | 3.148 | 2.064 | 2.593 | 1.864 | 1.100 | 1.100 | 2.350 | 8.300 | 8.300 | 23.8 | 0 | 12 |
| PCB_52 | 2.441 | 1.603 | 2.023 | 1.849 | 0.950 | 0.950 | 1.950 | 6.400 | 6.400 | 23.8 | 0 | 12 |
| alpha_HCH | 8.40 | 3.34 | 8.02 | 1.41 | 6.00 | 6.00 | 7.00 | 17.00 | 17.00 | 23.8 | 0 | 12 |
| anthracene | 0.01 | 0.01 | 0.00 | 2.13 | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 | 23.8 | 0 | 12 |
| benz_a_anthracene | 0.01 | 0.03 | 0.01 | 3.19 | 0.00 | 0.00 | 0.01 | 0.11 | 0.11 | 23.8 | 0 | 12 |
| benzo_a_pyrene | 0.017 | 0.039 | 0.005 | 3.880 | 0.001 | 0.001 | 0.004 | 0.140 | 0.140 | 23.8 | 0 | 12 |
| benzo_b_fluoranthene | 0.03 | 0.07 | 0.01 | 4.09 | 0.00 | 0.00 | 0.01 | 0.23 | 0.23 | 23.8 | 0 | 12 |
| benzo_ghi_perylene | 0.02 | 0.04 | 0.01 | 3.48 | 0.00 | 0.00 | 0.01 | 0.14 | 0.14 | 23.8 | 0 | 12 |
| benzo_k_fluoranthene | 0.01 | 0.03 | 0.01 | 3.38 | 0.00 | 0.00 | 0.01 | 0.10 | 0.10 | 23.8 | 0 | 12 |
| chrysene_triphenylene | 0.04 | 0.06 | 0.02 | 3.15 | 0.00 | 0.00 | 0.02 | 0.21 | 0.21 | 23.8 | 0 | 12 |
| fluoranthene | 0.14 | 0.20 | 0.09 | 2.38 | 0.03 | 0.03 | 0.09 | 0.77 | 0.77 | 23.8 | 0 | 12 |
| gamma_HCH | 2.31 | 1.37 | 1.96 | 1.88 | 1.00 | 1.00 | 2.50 | 5.00 | 5.00 | 23.8 | 0 | 12 |
| inden_123cd_pyrene | 0.02 | 0.05 | 0.01 | 3.38 | 0.00 | 0.00 | 0.01 | 0.17 | 0.17 | 23.8 | 0 | 12 |
| phenanthrene | 0.44 | 0.43 | 0.34 | 2.03 | 0.16 | 0.16 | 0.27 | 1.50 | 1.50 | 23.8 | 0 | 12 |
| pp_DDD | 0.13 | 0.07 | 0.11 | 1.66 | 0.05 | 0.05 | 0.12 | 0.30 | 0.30 | 23.8 | 0 | 12 |
| pp_DDE | 0.59 | 0.52 | 0.48 | 2.09 | 0.15 | 0.15 | 0.48 | 2.10 | 2.10 | 23.8 | 0 | 12 |
| pp_DDT | 0.20 | 0.09 | 0.18 | 1.68 | 0.08 | 0.08 | 0.20 | 0.37 | 0.37 | 23.8 | 0 | 12 |
| pyrene | 0.09 | 0.14 | 0.06 | 2.37 | 0.02 | 0.02 | 0.05 | 0.55 | 0.55 | 23.8 | 0 | 12 |

GB0014R High Muffles

January 2006 - December 2006

| Component | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCB_101 | 1.408 | 0.467 | 1.355 | 1.364 | 1.000 | 1.000 | 1.280 | 2.070 | 2.070 | 99.9 | 0 | 4 |
| PCB_118 | 0.368 | 0.134 | 0.352 | 1.395 | 0.260 | 0.260 | 0.325 | 0.560 | 0.560 | 99.9 | 0 | 4 |
| PCB_138 | 0.536 | 0.139 | 0.521 | 1.308 | 0.380 | 0.380 | 0.540 | 0.680 | 0.680 | 99.9 | 0 | 4 |
| PCB_153 | 0.681 | 0.183 | 0.661 | 1.322 | 0.470 | 0.470 | 0.680 | 0.890 | 0.890 | 99.9 | 0 | 4 |
| PCB_180 | 0.160 | 0.041 | 0.156 | 1.304 | 0.110 | 0.110 | 0.160 | 0.210 | 0.210 | 99.9 | 0 | 4 |
| PCB_28 | 5.975 | 3.184 | 5.140 | 1.977 | 2.010 | 2.010 | 6.345 | 9.130 | 9.130 | 99.9 | 0 | 4 |
| PCB_52 | 2.093 | 1.730 | 1.118 | 5.339 | 0.100 | 0.100 | 2.120 | 4.030 | 4.030 | 99.9 | 0 | 4 |
| anthracene | 0.27 | 0.31 | 0.16 | 3.35 | 0.05 | 0.05 | 0.17 | 0.71 | 0.71 | 99.9 | 0 | 4 |
| benz_a_anthracene | 0.05 | 0.05 | 0.04 | 2.67 | 0.01 | 0.01 | 0.04 | 0.12 | 0.12 | 99.9 | 0 | 4 |
| benzo_a_pyrene | 0.035 | 0.033 | 0.024 | 2.957 | 0.006 | 0.006 | 0.027 | 0.080 | 0.080 | 99.9 | 0 | 4 |
| benzo_ghi_perylene | 0.05 | 0.04 | 0.04 | 2.62 | 0.01 | 0.01 | 0.04 | 0.10 | 0.10 | 99.9 | 0 | 4 |
| chrysene | 0.11 | 0.10 | 0.08 | 2.57 | 0.03 | 0.03 | 0.08 | 0.24 | 0.24 | 99.9 | 0 | 4 |
| fluoranthene | 0.66 | 0.24 | 0.63 | 1.45 | 0.40 | 0.40 | 0.63 | 0.98 | 0.98 | 99.9 | 0 | 4 |
| inden_123cd_pyrene | 0.05 | 0.06 | 0.03 | 3.37 | 0.01 | 0.01 | 0.03 | 0.13 | 0.13 | 99.9 | 0 | 4 |
| phenanthrene | 9.77 | 9.30 | 6.36 | 3.08 | 2.00 | 2.00 | 7.55 | 22.00 | 22.00 | 99.9 | 0 | 4 |
| pyrene | 0.41 | 0.14 | 0.39 | 1.49 | 0.22 | 0.22 | 0.43 | 0.55 | 0.55 | 99.9 | 0 | 4 |

IS0091R Storhofdi

January 2006 - December 2006

| Component | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HCB | 4.33 | 1.99 | 3.92 | 1.58 | 1.39 | 1.53 | 3.75 | 9.21 | 9.59 | 87.5 | 0 | 22 |
| PCB_101 | 1.313 | 0.696 | 1.097 | 1.857 | 0.380 | 0.383 | 1.310 | 2.783 | 2.840 | 87.6 | 0 | 22 |
| PCB_105 | 0.05 | 0.02 | 0.05 | 1.29 | 0.04 | 0.04 | 0.05 | 0.12 | 0.13 | 87.6 | 21 | 22 |
| PCB_118 | 0.215 | 0.180 | 0.181 | 1.802 | 0.090 | 0.092 | 0.190 | 0.846 | 0.930 | 87.6 | 9 | 22 |
| PCB_138 | 0.265 | 0.135 | 0.236 | 1.586 | 0.100 | 0.103 | 0.240 | 0.674 | 0.710 | 87.6 | 1 | 22 |
| PCB_153 | 0.356 | 0.135 | 0.336 | 1.427 | 0.180 | 0.185 | 0.320 | 0.706 | 0.740 | 87.6 | 0 | 22 |
| PCB_156 | 0.07 | 0.02 | 0.07 | 1.40 | 0.05 | 0.05 | 0.06 | 0.11 | 0.11 | 91.7 | 23 | 23 |
| PCB_180 | 0.124 | 0.110 | 0.120 | 1.640 | 0.090 | 0.090 | 0.100 | 0.494 | 0.540 | 91.7 | 19 | 23 |
| PCB_28 | 3.297 | 1.291 | 3.012 | 1.541 | 1.420 | 1.424 | 3.640 | 5.684 | 5.710 | 91.7 | 0 | 23 |
| PCB_31 | 2.534 | 1.302 | 2.177 | 1.711 | 0.990 | 1.000 | 2.180 | 5.080 | 5.110 | 91.7 | 0 | 23 |
| PCB_52 | 2.369 | 0.971 | 2.139 | 1.545 | 0.920 | 0.940 | 2.370 | 4.532 | 4.600 | 91.7 | 0 | 23 |
| alpha_HCH | 3.89 | 1.22 | 3.76 | 1.34 | 1.95 | 2.09 | 3.81 | 7.23 | 7.60 | 91.7 | 0 | 23 |
| beta_HCH | 0.20 | 0.06 | 0.19 | 1.32 | 0.14 | 0.14 | 0.19 | 0.36 | 0.38 | 91.7 | 22 | 23 |
| cis_CD | 0.52 | 0.13 | 0.50 | 1.30 | 0.29 | 0.30 | 0.51 | 0.70 | 0.71 | 91.7 | 0 | 23 |
| dieldrin | 0.72 | 0.29 | 0.62 | 1.76 | 0.10 | 0.12 | 0.70 | 1.37 | 1.43 | 91.7 | 1 | 23 |
| gamma_HCH | 2.78 | 0.73 | 2.76 | 1.29 | 1.72 | 1.72 | 2.77 | 4.35 | 4.44 | 91.7 | 0 | 23 |
| op_DDT | 0.10 | 0.04 | 0.10 | 1.27 | 0.09 | 0.09 | 0.10 | 0.23 | 0.24 | 91.7 | 22 | 23 |
| pp_DDD | 0.11 | 0.05 | 0.11 | 1.33 | 0.09 | 0.09 | 0.10 | 0.30 | 0.33 | 91.7 | 22 | 23 |
| pp_DDE | 0.13 | 0.07 | 0.12 | 1.51 | 0.09 | 0.09 | 0.10 | 0.34 | 0.35 | 91.7 | 19 | 23 |
| pp_DDT | 0.10 | 0.02 | 0.10 | 1.19 | 0.09 | 0.09 | 0.10 | 0.18 | 0.19 | 91.7 | 23 | 23 |
| trans_CD | 0.14 | 0.07 | 0.13 | 1.51 | 0.09 | 0.09 | 0.10 | 0.30 | 0.31 | 91.7 | 16 | 23 |
| trans_NO | 0.37 | 0.10 | 0.34 | 1.43 | 0.10 | 0.11 | 0.37 | 0.52 | 0.52 | 91.7 | 1 | 23 |

LV0010R Rucava

January 2006 - December 2006

| Component | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| benzo_a_pyrene | 0.489 | 0.695 | 0.270 | 3.662 | 0.030 | 0.030 | 0.260 | 2.550 | 2.550 | 100.3 | 0 | 13 |

LV0016R Zoseni

January 2006 - December 2006

| Component | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| benzo_a_pyrene | 0.098 | 0.076 | 0.070 | 3.457 | 0.002 | 0.002 | 0.100 | 0.270 | 0.270 | 100.3 | 2 | 13 |

NO0001R Birkenes

January 2006 - December 2006

| Component | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HCB | 63.61 | 11.82 | 62.48 | 1.22 | 34.17 | 40.13 | 64.48 | 89.05 | 93.13 | 12.3 | 0 | 45 |
| PCB_101 | 1.026 | 0.682 | 0.856 | 1.817 | 0.281 | 0.307 | 0.863 | 2.644 | 3.260 | 12.3 | 0 | 45 |
| PCB_118 | 0.440 | 0.475 | 0.335 | 1.963 | 0.084 | 0.105 | 0.310 | 1.053 | 3.127 | 12.3 | 0 | 45 |
| PCB_138 | 0.609 | 0.691 | 0.432 | 2.179 | 0.096 | 0.115 | 0.383 | 1.531 | 4.369 | 12.3 | 0 | 45 |
| PCB_153 | 1.135 | 1.436 | 0.768 | 2.275 | 0.158 | 0.215 | 0.680 | 3.222 | 9.143 | 12.3 | 0 | 45 |
| PCB_180 | 0.299 | 0.351 | 0.194 | 2.411 | 0.036 | 0.052 | 0.159 | 1.170 | 1.793 | 12.3 | 0 | 45 |
| PCB_28 | 1.694 | 0.951 | 1.483 | 1.669 | 0.572 | 0.672 | 1.487 | 4.083 | 4.587 | 12.3 | 0 | 45 |
| PCB_52 | 1.597 | 1.003 | 1.372 | 1.711 | 0.556 | 0.585 | 1.343 | 4.053 | 4.880 | 12.3 | 0 | 45 |
| alpha_HCH | 10.51 | 5.54 | 9.44 | 1.59 | 2.93 | 3.59 | 9.82 | 25.09 | 33.66 | 12.3 | 0 | 45 |
| gamma_HCH | 7.75 | 6.86 | 5.75 | 2.12 | 1.68 | 1.83 | 5.13 | 25.80 | 30.11 | 12.3 | 0 | 45 |
| sum_PCB | 6.80 | 4.56 | 5.72 | 1.77 | 1.93 | 2.17 | 5.08 | 16.81 | 23.01 | 12.3 | 0 | 45 |

NO0042G Spitsbergen, Zeppelinfjell

January 2006 - December 2006

| Component | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HCB | 71.23 | 16.44 | 69.64 | 1.22 | 47.74 | 53.40 | 68.15 | 100.63 | 149.57 | 26.3 | 0 | 47 |
| N1methylnaphtalene | 0.61 | 2.01 | 0.06 | 6.09 | 0.01 | 0.01 | 0.03 | 5.62 | 11.41 | 27.3 | 1 | 50 |
| N1methylphenanthrene | 0.01 | 0.01 | 0.01 | 1.97 | 0.00 | 0.00 | 0.01 | 0.02 | 0.03 | 27.3 | 0 | 50 |
| N2methylanthracene | 0.00 | 0.00 | 0.00 | 1.71 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 27.3 | 30 | 50 |
| N2methylnaphtalene | 0.67 | 2.11 | 0.09 | 5.13 | 0.01 | 0.02 | 0.05 | 6.50 | 11.04 | 27.3 | 0 | 50 |
| N2methylphenanthrene | 0.01 | 0.01 | 0.01 | 1.87 | 0.00 | 0.00 | 0.01 | 0.03 | 0.04 | 27.3 | 0 | 50 |
| N3methylphenanthrene | 0.01 | 0.01 | 0.01 | 1.97 | 0.00 | 0.00 | 0.01 | 0.02 | 0.03 | 27.3 | 0 | 50 |
| N9methylphenanthrene | 0.01 | 0.01 | 0.01 | 1.86 | 0.00 | 0.00 | 0.01 | 0.02 | 0.03 | 27.3 | 0 | 50 |
| PCB_101 | 0.484 | 0.292 | 0.431 | 1.566 | 0.175 | 0.239 | 0.421 | 1.082 | 1.920 | 26.3 | 0 | 47 |
| PCB_105 | 0.07 | 0.08 | 0.05 | 2.11 | 0.01 | 0.01 | 0.05 | 0.17 | 0.50 | 26.3 | 0 | 47 |
| PCB_114 | 0.01 | 0.01 | 0.01 | 1.38 | 0.01 | 0.01 | 0.01 | 0.03 | 0.04 | 26.3 | 36 | 47 |
| PCB_118 | 0.261 | 0.240 | 0.190 | 2.162 | 0.047 | 0.055 | 0.174 | 0.694 | 1.342 | 26.3 | 0 | 47 |
| PCB_122 | 0.01 | 0.00 | 0.01 | 1.09 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 26.3 | 51 | 47 |
| PCB_123 | 0.01 | 0.00 | 0.01 | 1.16 | 0.01 | 0.01 | 0.01 | 0.01 | 0.03 | 26.3 | 45 | 47 |
| PCB_128 | 0.04 | 0.03 | 0.03 | 2.10 | 0.01 | 0.01 | 0.02 | 0.12 | 0.18 | 26.3 | 5 | 47 |
| PCB_138 | 0.277 | 0.247 | 0.199 | 2.251 | 0.047 | 0.057 | 0.200 | 0.883 | 1.096 | 26.3 | 0 | 47 |
| PCB_141 | 0.04 | 0.03 | 0.03 | 1.70 | 0.01 | 0.01 | 0.03 | 0.08 | 0.18 | 26.3 | 0 | 47 |
| PCB_149 | 0.259 | 0.193 | 0.217 | 1.741 | 0.091 | 0.106 | 0.204 | 0.861 | 0.887 | 26.3 | 0 | 47 |
| PCB_153 | 0.536 | 0.458 | 0.371 | 2.395 | 0.083 | 0.100 | 0.393 | 1.607 | 1.643 | 26.3 | 0 | 47 |
| PCB_156 | 0.02 | 0.02 | 0.02 | 1.87 | 0.01 | 0.01 | 0.01 | 0.07 | 0.10 | 26.3 | 22 | 47 |
| PCB_157 | 0.01 | 0.00 | 0.01 | 1.13 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 26.3 | 45 | 47 |
| PCB_167 | 0.01 | 0.01 | 0.01 | 1.54 | 0.01 | 0.01 | 0.01 | 0.04 | 0.04 | 26.3 | 27 | 47 |
| PCB_170 | 0.03 | 0.03 | 0.02 | 2.20 | 0.01 | 0.01 | 0.02 | 0.12 | 0.18 | 26.3 | 7 | 47 |
| PCB_18 | 4.843 | 2.324 | 4.457 | 1.470 | 1.917 | 2.500 | 4.214 | 9.559 | 15.936 | 26.3 | 0 | 47 |
| PCB_180 | 0.125 | 0.129 | 0.082 | 2.531 | 0.018 | 0.019 | 0.077 | 0.423 | 0.651 | 26.3 | 0 | 47 |
| PCB_183 | 0.03 | 0.03 | 0.02 | 2.09 | 0.01 | 0.01 | 0.02 | 0.09 | 0.11 | 26.3 | 0 | 47 |
| PCB_187 | 0.08 | 0.09 | 0.05 | 2.20 | 0.02 | 0.02 | 0.05 | 0.32 | 0.40 | 26.3 | 0 | 47 |
| PCB_189 | 0.01 | 0.00 | 0.01 | 1.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 26.3 | 48 | 47 |
| PCB_194 | 0.01 | 0.01 | 0.01 | 1.55 | 0.01 | 0.01 | 0.01 | 0.03 | 0.10 | 26.3 | 35 | 47 |
| PCB_206 | 0.01 | 0.00 | 0.01 | 1.15 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 26.3 | 46 | 47 |
| PCB_209 | 0.01 | 0.00 | 0.01 | 1.17 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 26.3 | 44 | 47 |
| PCB_28 | 2.949 | 1.430 | 2.719 | 1.463 | 1.192 | 1.460 | 2.591 | 5.893 | 9.957 | 26.3 | 0 | 47 |
| PCB_31 | 2.771 | 1.336 | 2.554 | 1.465 | 1.120 | 1.379 | 2.375 | 5.610 | 9.176 | 26.3 | 0 | 47 |
| PCB_33 | 2.06 | 1.01 | 1.89 | 1.48 | 0.84 | 0.96 | 1.77 | 4.14 | 6.88 | 26.3 | 0 | 47 |
| PCB_37 | 0.24 | 0.10 | 0.22 | 1.42 | 0.11 | 0.11 | 0.22 | 0.43 | 0.75 | 26.3 | 0 | 47 |
| PCB_47 | 0.55 | 0.26 | 0.51 | 1.44 | 0.20 | 0.27 | 0.49 | 1.10 | 1.88 | 26.3 | 0 | 47 |
| PCB_52 | 1.205 | 0.533 | 1.130 | 1.387 | 0.511 | 0.713 | 1.051 | 1.931 | 4.107 | 26.3 | 0 | 47 |
| PCB_66 | 0.30 | 0.19 | 0.27 | 1.50 | 0.10 | 0.16 | 0.26 | 0.48 | 1.40 | 26.3 | 0 | 47 |
| PCB_74 | 0.21 | 0.13 | 0.18 | 1.55 | 0.07 | 0.11 | 0.17 | 0.37 | 0.91 | 26.3 | 0 | 47 |
| PCB_99 | 0.25 | 0.19 | 0.20 | 1.87 | 0.07 | 0.08 | 0.19 | 0.62 | 1.13 | 26.3 | 0 | 47 |
| acenaphthene | 0.01 | 0.01 | 0.01 | 2.88 | 0.00 | 0.00 | 0.01 | 0.04 | 0.09 | 27.3 | 0 | 50 |
| acenaphthylene | 0.00 | 0.00 | 0.00 | 2.16 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 27.3 | 5 | 50 |
| alpha_HCH | 10.78 | 3.31 | 10.40 | 1.34 | 6.62 | 6.70 | 10.09 | 18.11 | 19.47 | 25.0 | 0 | 47 |
| anthanthrene | 0.00 | 0.00 | 0.00 | 1.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 27.3 | 39 | 50 |
| anthracene | 0.00 | 0.01 | 0.00 | 2.57 | 0.00 | 0.00 | 0.00 | 0.02 | 0.03 | 27.3 | 14 | 50 |
| benz_a_anthracene | 0.01 | 0.01 | 0.00 | 2.95 | 0.00 | 0.00 | 0.00 | 0.04 | 0.06 | 27.3 | 10 | 50 |
| benzo_a_fluoranthene | 0.00 | 0.00 | 0.00 | 1.79 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 27.3 | 31 | 50 |
| benzo_a_fluorene | 0.00 | 0.01 | 0.00 | 2.26 | 0.00 | 0.00 | 0.00 | 0.01 | 0.03 | 27.3 | 11 | 50 |
| benzo_a_pyrene | 0.003 | 0.008 | 0.002 | 2.567 | 0.001 | 0.001 | 0.001 | 0.014 | 0.052 | 27.3 | 19 | 50 |
| benzo_b_fluorene | 0.00 | 0.00 | 0.00 | 2.05 | 0.00 | 0.00 | 0.00 | 0.01 | 0.03 | 27.3 | 15 | 50 |
| benzo_bjk_fluoranthenes | 0.01 | 0.03 | 0.01 | 4.09 | 0.00 | 0.00 | 0.01 | 0.09 | 0.12 | 27.3 | 0 | 50 |
| benzo_e_pyrene | 0.01 | 0.01 | 0.00 | 3.02 | 0.00 | 0.00 | 0.00 | 0.03 | 0.05 | 27.3 | 7 | 50 |
| benzo_ghi_fluoranthene | 0.00 | 0.01 | 0.00 | 2.74 | 0.00 | 0.00 | 0.00 | 0.02 | 0.05 | 27.3 | 5 | 50 |
| benzo_ghi_perylene | 0.01 | 0.01 | 0.00 | 3.01 | 0.00 | 0.00 | 0.00 | 0.02 | 0.05 | 27.3 | 7 | 50 |
| biphenyl | 3.62 | 11.15 | 0.18 | 10.29 | 0.01 | 0.01 | 0.18 | 35.67 | 55.38 | 27.3 | 0 | 50 |
| chrysene_triphenylene | 0.01 | 0.02 | 0.01 | 3.68 | 0.00 | 0.00 | 0.01 | 0.07 | 0.09 | 27.3 | 0 | 50 |
| cis_CD | 0.61 | 0.15 | 0.60 | 1.27 | 0.37 | 0.38 | 0.59 | 1.01 | 1.07 | 25.0 | 0 | 47 |
| cis_NO | 0.09 | 0.09 | 0.07 | 2.30 | 0.01 | 0.01 | 0.07 | 0.38 | 0.47 | 25.0 | 5 | 47 |
| coronene | 0.01 | 0.01 | 0.00 | 3.34 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 27.3 | 24 | 50 |
| cyclopenta_cd_pyrene | 0.00 | 0.01 | 0.00 | 2.56 | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 | 27.3 | 20 | 50 |
| dibenzo_ac_ah_anthracenes | 0.00 | 0.01 | 0.00 | 2.45 | 0.00 | 0.00 | 0.00 | 0.02 | 0.05 | 27.3 | 24 | 50 |
| dibenzo_ae_pyrene | 0.00 | 0.01 | 0.00 | 2.79 | 0.00 | 0.00 | 0.00 | 0.03 | 0.04 | 27.3 | 29 | 50 |
| dibenzo_ah_pyrene | 0.01 | 0.01 | 0.00 | 3.04 | 0.00 | 0.00 | 0.00 | 0.03 | 0.06 | 27.3 | 40 | 50 |
| dibenzo_ai_pyrene | 0.00 | 0.01 | 0.00 | 2.92 | 0.00 | 0.00 | 0.00 | 0.03 | 0.04 | 27.3 | 39 | 50 |
| dibenzofuran | 1.37 | 3.30 | 0.29 | 5.75 | 0.03 | 0.03 | 0.31 | 9.12 | 18.52 | 27.3 | 0 | 50 |
| dibenzothiophene | 0.01 | 0.01 | 0.01 | 2.94 | 0.00 | 0.00 | 0.01 | 0.04 | 0.06 | 27.3 | 0 | 50 |
| fluoranthene | 0.03 | 0.04 | 0.02 | 2.82 | 0.00 | 0.00 | 0.02 | 0.12 | 0.24 | 27.3 | 0 | 50 |
| fluorene | 0.40 | 0.87 | 0.10 | 5.10 | 0.01 | 0.02 | 0.06 | 2.12 | 5.18 | 27.3 | 0 | 50 |
| inden_123cd_pyrene | 0.01 | 0.01 | 0.00 | 2.99 | 0.00 | 0.00 | 0.00 | 0.02 | 0.05 | 27.3 | 11 | 50 |
| naphtalene | 2.31 | 7.19 | 0.24 | 5.95 | 0.01 | 0.04 | 0.14 | 18.95 | 42.08 | 27.3 | 0 | 50 |
| op_DDD | 0.04 | 0.07 | 0.02 | 2.38 | 0.01 | 0.01 | 0.02 | 0.27 | 0.34 | 25.0 | 11 | 47 |
| op_DDE | 0.09 | 0.07 | 0.06 | 2.78 | 0.01 | 0.01 | 0.08 | 0.26 | 0.32 | 25.0 | 3 | 47 |
| op_DDT | 0.22 | 0.23 | 0.15 | 2.26 | 0.02 | 0.05 | 0.16 | 0.92 | 1.19 | 25.0 | 1 | 47 |
| perylene | 0.00 | 0.00 | 0.00 | 1.85 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 27.3 | 23 | 50 |
| phenanthrene | 0.07 | 0.07 | 0.06 | 2.10 | 0.02 | 0.02 | 0.05 | 0.26 | 0.30 | 27.3 | 0 | 50 |
| pp_DDD | 0.10 | 0.17 | 0.04 | 3.09 | 0.01 | 0.01 | 0.03 | 0.63 | 0.85 | 25.0 | 13 | 47 |
| pp_DDE | 1.31 | 1.44 | 0.75 | 2.89 | 0.13 | 0.13 | 0.76 | 5.25 | 6.75 | 25.6 | 0 | 48 |
| pp_DDT | 0.12 | 0.10 | 0.08 | 2.24 | 0.02 | 0.02 | 0.09 | 0.40 | 0.44 | 25.0 | 3 | 47 |
| pyrene | 0.02 | 0.03 | 0.01 | 2.75 | 0.00 | 0.00 | 0.01 | 0.08 | 0.19 | 27.3 | 0 | 50 |
| retene | 0.01 | 0.01 | 0.00 | 2.36 | 0.00 | 0.00 | 0.00 | 0.02 | 0.05 | 27.3 | 0 | 50 |
| sum_DDT | 1.87 | 2.04 | 1.15 | 2.58 | 0.21 | 0.26 | 1.08 | 7.81 | 9.75 | 25.0 | 0 | 47 |
| sum_PCB | 28.26 | 13.41 | 26.23 | 1.43 | 10.73 | 15.41 | 26.18 | 49.55 | 99.71 | 26.3 | 0 | 47 |
| trans_CD | 0.23 | 0.14 | 0.19 | 1.84 | 0.05 | 0.06 | 0.21 | 0.46 | 0.72 | 25.0 | 1 | 47 |
| trans_NO | 0.61 | 0.38 | 0.54 | 1.55 | 0.28 | 0.32 | 0.48 | 1.73 | 2.10 | 25.0 | 0 | 47 |

SE0012R Aspvreten

January 2006 - December 2006

| Component | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCB_101 | 1.214 | 1.251 | 0.655 | 4.154 | 0.020 | 0.020 | 0.765 | 4.070 | 4.070 | 23.0 | 0 | 12 |
| PCB_118 | 0.421 | 0.386 | 0.251 | 3.655 | 0.010 | 0.010 | 0.290 | 1.260 | 1.260 | 23.0 | 0 | 12 |
| PCB_138 | 0.472 | 0.374 | 0.318 | 3.054 | 0.020 | 0.020 | 0.365 | 1.300 | 1.300 | 23.0 | 0 | 12 |
| PCB_153 | 0.579 | 0.460 | 0.356 | 3.856 | 0.010 | 0.010 | 0.470 | 1.580 | 1.580 | 23.0 | 0 | 12 |
| PCB_180 | 0.152 | 0.092 | 0.113 | 2.580 | 0.010 | 0.010 | 0.155 | 0.320 | 0.320 | 23.0 | 0 | 12 |
| PCB_28 | 1.010 | 0.545 | 0.753 | 2.869 | 0.040 | 0.040 | 0.990 | 1.910 | 1.910 | 23.0 | 0 | 12 |
| PCB_52 | 1.009 | 0.603 | 0.753 | 2.739 | 0.050 | 0.050 | 1.025 | 2.040 | 2.040 | 23.0 | 0 | 12 |
| alpha_HCH | 3.52 | 1.78 | 3.56 | 1.50 | 0.00 | 0.00 | 4.00 | 7.00 | 7.00 | 23.0 | 0 | 12 |
| anthracene | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 23.0 | 12 | 12 |
| benz_a_anthracene | 0.03 | 0.04 | 0.01 | 6.13 | 0.00 | 0.00 | 0.01 | 0.11 | 0.11 | 23.0 | 0 | 12 |
| benzo_a_pyrene | 0.075 | 0.080 | 0.037 | 3.657 | 0.007 | 0.007 | 0.035 | 0.232 | 0.232 | 23.0 | 0 | 12 |
| benzo_ghi_perylene | 0.12 | 0.12 | 0.06 | 3.72 | 0.01 | 0.01 | 0.06 | 0.36 | 0.36 | 23.0 | 0 | 12 |
| fluoranthene | 0.86 | 0.93 | 0.46 | 3.22 | 0.09 | 0.09 | 0.40 | 3.01 | 3.01 | 23.0 | 0 | 12 |
| gamma_HCH | 2.33 | 1.50 | 2.15 | 1.90 | 0.00 | 0.00 | 2.50 | 4.00 | 4.00 | 23.0 | 0 | 12 |
| inden_123cd_pyrene | 0.15 | 0.17 | 0.06 | 4.51 | 0.01 | 0.01 | 0.06 | 0.52 | 0.52 | 23.0 | 0 | 12 |
| phenanthrene | 2.06 | 1.99 | 1.39 | 2.41 | 0.43 | 0.43 | 1.20 | 6.84 | 6.84 | 23.0 | 0 | 12 |
| pp_DDE | 1.89 | 1.49 | 1.52 | 2.54 | 0.00 | 0.00 | 1.45 | 4.80 | 4.80 | 23.0 | 0 | 12 |
| pyrene | 0.41 | 0.41 | 0.22 | 3.32 | 0.04 | 0.04 | 0.22 | 1.22 | 1.22 | 23.0 | 0 | 12 |

SE0014R Råö

January 2006 - December 2006

| Component | Arit mean | Arit sd | Geom mean | Geom sd | Min | 5% | 50% | 95% | Max | % anal | Num bel | Num sampl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCB_101 | 2.556 | 1.641 | 2.094 | 1.816 | 0.858 | 0.915 | 1.700 | 6.660 | 7.100 | 100.0 | 0 | 27 |
| PCB_118 | 0.714 | 0.439 | 0.606 | 1.709 | 0.320 | 0.324 | 0.530 | 1.860 | 2.100 | 100.0 | 0 | 27 |
| PCB_138 | 1.805 | 1.351 | 1.426 | 1.881 | 0.530 | 0.606 | 1.300 | 5.500 | 6.300 | 100.0 | 0 | 27 |
| PCB_153 | 2.090 | 1.615 | 1.628 | 1.927 | 0.674 | 0.720 | 1.300 | 6.420 | 7.300 | 100.0 | 0 | 27 |
| PCB_180 | 0.658 | 0.534 | 0.512 | 1.919 | 0.180 | 0.196 | 0.450 | 2.200 | 2.600 | 100.0 | 0 | 27 |
| PCB_28 | 2.336 | 0.829 | 2.168 | 1.422 | 1.158 | 1.215 | 2.000 | 4.060 | 4.500 | 100.0 | 0 | 27 |
| PCB_52 | 2.702 | 1.215 | 2.417 | 1.557 | 1.122 | 1.233 | 2.300 | 5.120 | 5.600 | 100.0 | 0 | 27 |
| alpha_HCH | 6.84 | 2.11 | 6.52 | 1.35 | 4.00 | 4.00 | 6.00 | 11.80 | 13.00 | 100.0 | 0 | 27 |
| anthracene | 0.02 | 0.04 | 0.01 | 3.89 | 0.00 | 0.00 | 0.01 | 0.14 | 0.15 | 100.0 | 0 | 27 |
| benz_a_anthracene | 0.08 | 0.11 | 0.04 | 3.63 | 0.01 | 0.01 | 0.03 | 0.43 | 0.45 | 100.0 | 0 | 27 |
| benzo_a_pyrene | 0.069 | 0.099 | 0.029 | 4.348 | 0.003 | 0.003 | 0.030 | 0.350 | 0.370 | 100.0 | 0 | 27 |
| benzo_b_fluoranthene | 0.13 | 0.21 | 0.06 | 3.72 | 0.01 | 0.01 | 0.05 | 0.78 | 0.85 | 100.0 | 0 | 27 |
| benzo_ghi_perylene | 0.08 | 0.12 | 0.04 | 3.84 | 0.00 | 0.00 | 0.04 | 0.44 | 0.50 | 100.0 | 0 | 27 |
| benzo_k_fluoranthene | 0.06 | 0.09 | 0.03 | 4.07 | 0.00 | 0.00 | 0.02 | 0.34 | 0.37 | 100.0 | 0 | 27 |
| chrysene_triphenylene | 0.16 | 0.22 | 0.08 | 3.23 | 0.02 | 0.02 | 0.07 | 0.82 | 0.86 | 100.0 | 0 | 27 |
| fluoranthene | 0.56 | 0.69 | 0.34 | 2.79 | 0.08 | 0.08 | 0.30 | 2.62 | 2.70 | 100.0 | 0 | 27 |
| gamma_HCH | 5.67 | 3.18 | 4.77 | 1.79 | 2.00 | 2.00 | 4.00 | 12.80 | 14.00 | 100.0 | 0 | 27 |
| inden_123cd_pyrene | 0.10 | 0.14 | 0.04 | 4.02 | 0.01 | 0.01 | 0.04 | 0.51 | 0.57 | 100.0 | 0 | 27 |
| phenanthrene | 1.41 | 1.33 | 1.04 | 2.22 | 0.30 | 0.33 | 0.94 | 5.02 | 5.50 | 100.0 | 0 | 27 |
| pp_DDD | 0.42 | 0.28 | 0.34 | 1.92 | 0.09 | 0.09 | 0.26 | 1.13 | 1.21 | 100.0 | 0 | 27 |
| pp_DDE | 2.73 | 1.85 | 2.29 | 1.74 | 0.93 | 1.00 | 2.10 | 7.72 | 9.00 | 100.0 | 0 | 27 |
| pp_DDT | 1.13 | 0.79 | 0.92 | 1.85 | 0.36 | 0.37 | 0.72 | 3.28 | 4.00 | 100.0 | 0 | 27 |
| pyrene | 0.36 | 0.45 | 0.21 | 2.96 | 0.05 | 0.05 | 0.20 | 1.70 | 1.70 | 100.0 | 0 | 27 |

# 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 | 4.99 | 2.61 | 19.45 | - | 7.60 | 5.45 | 2.28 | 10.55 | 3.97 | 1.93 | 2.06 | 2.86 | 4.53 |
| FI0017R | aluminium | 39.90 | 32.70 | 34.76 | 15.14 | 235.73 | 75.95 | 122.32 | 39.20 | 30.62 | 5.17 | 16.29 | 26.13 | 31.74 |
| FI0022R | aluminium | 2.25 | 2.69 | 12.24 | 2.09 | 14.17 | 31.12 | 10.82 | 9.10 | 5.08 | 1.40 | 5.13 | 2.43 | 6.84 |
| FI0036R | aluminium | 2.20 | 2.20 | 7.20 | - | 12.53 | 18.56 | 4.76 | 5.86 | 4.04 | 1.34 | 0.71 | 1.47 | 5.86 |
| FI0053R | aluminium | 14.42 | 29.34 | 99.12 | 8.93 | 20.91 | 105.63 | 15.16 | 82.97 | 7.83 | 4.21 | 4.84 | 14.37 | 14.32 |
| FI0092R | aluminium | 2.16 | 4.38 | 7.89 | 6.66 | 21.46 | 33.73 | 20.40 | 19.85 | 24.81 | 1.36 | 5.06 | 2.38 | 11.21 |
| FI0093R | aluminium | 5.40 | 9.64 | 21.97 | 10.16 | 20.90 | 26.54 | 18.74 | 13.93 | 7.42 | 1.21 | 4.61 | 5.32 | 9.04 |
| IE0001R | aluminium | 25.00 | 19.10 | 17.40 | 38.70 | 25.00 | 72.90 | 25.00 | 23.60 | 21.50 | 16.90 | 22.90 | 15.90 | 23.20 |
| IS0090R | aluminium | 56.73 | 253.09 | 297.57 | 295.11 | 487.05 | 162.66 | 69.25 | 105.54 | 233.56 | 123.49 | 127.66 | 185.60 | 170.80 |
| IS0091R | aluminium | 60.16 | 90.28 | 324.50 | 437.37 | 218.87 | 52.38 | 12.28 | 20.23 | 74.81 | 102.55 | 136.17 | 114.57 | 108.21 |
| DE0001R | antimony | 0.15 | 0.09 | 0.08 | 0.12 | 0.08 | - | 0.15 | 0.03 | 0.08 | 0.10 | 0.10 | 0.07 | 0.08 |
| DE0002R | antimony | 0.11 | 0.09 | 0.10 | 0.21 | 0.16 | 0.17 | 0.08 | 0.10 | 0.07 | 0.08 | 0.07 | 0.06 | 0.11 |
| DE0003R | antimony | 0.13 | 0.07 | 0.05 | 0.10 | 0.07 | 0.08 | 0.13 | 0.05 | 0.08 | 0.05 | 0.06 | 0.04 | 0.07 |
| DE0007R | antimony | 0.12 | 0.08 | 0.12 | 0.21 | 0.10 | 0.08 | 0.18 | 0.08 | 0.07 | 0.08 | 0.04 | 0.08 | 0.10 |
| DE0008R | antimony | 0.10 | 0.09 | 0.08 | 0.14 | 0.07 | 0.10 | 0.17 | 0.11 | 0.10 | 0.25 | 0.14 | 0.14 | 0.13 |
| DE0009R | antimony | 0.09 | 0.06 | 0.07 | 0.13 | 0.09 | 0.11 | 0.23 | 0.04 | 0.06 | 0.06 | 0.06 | 0.07 | 0.07 |
| BE0014R | arsenic | 0.27 | 0.27 | 0.27 | 0.26 | 0.26 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 |
| DE0001R | arsenic | 0.19 | 0.12 | 0.13 | 0.14 | 0.09 | - | 0.13 | 0.04 | 0.10 | 0.11 | 0.15 | 0.10 | 0.11 |
| DE0002R | arsenic | 0.09 | 0.09 | 0.14 | 0.22 | 0.15 | 0.16 | 0.07 | 0.08 | 0.07 | 0.06 | 0.05 | 0.04 | 0.11 |
| DE0003R | arsenic | 0.10 | 0.06 | 0.05 | 0.09 | 0.05 | 0.07 | 0.09 | 0.03 | 0.08 | 0.04 | 0.04 | 0.03 | 0.05 |
| DE0007R | arsenic | 0.24 | 0.11 | 0.18 | 0.19 | 0.11 | 0.09 | 0.31 | 0.07 | 0.07 | 0.07 | 0.06 | 0.08 | 0.11 |
| DE0008R | arsenic | 0.09 | 0.10 | 0.06 | 0.13 | 0.05 | 0.09 | 0.13 | 0.07 | 0.08 | 0.08 | 0.09 | 0.07 | 0.09 |
| DE0009R | arsenic | 0.19 | 0.09 | 0.09 | 0.14 | 0.09 | 0.18 | 0.19 | 0.05 | 0.05 | 0.24 | 0.08 | 0.07 | 0.10 |
| DK0008R | arsenic | 0.36 | 0.36 | 0.31 | 0.32 | 0.17 | 0.40 | 0.19 | 0.11 | 0.23 | 0.13 | 0.09 | 0.16 | 0.19 |
| DK0020R | arsenic | 0.18 | 0.26 | 0.26 | 0.74 | 0.30 | 0.36 | 0.40 | 0.07 | 0.09 | 0.10 | 0.09 | - | 0.20 |
| DK0022R | arsenic | 0.17 | 0.12 | 0.14 | 0.11 | 0.10 | 0.24 | 0.17 | 0.09 | 0.16 | 0.17 | 0.08 | 0.06 | 0.12 |
| DK0031R | arsenic | 0.08 | 0.07 | 0.08 | 0.08 | 0.11 | 0.16 | 0.16 | 0.06 | 0.10 | 0.05 | 0.07 | 0.05 | 0.07 |
| EE0009R | arsenic | 1.00 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.51 |
| ES0008R | arsenic | 0.77 | 0.14 | 0.16 | 0.20 | 0.31 | 0.31 | 0.11 | 0.07 | 0.35 | 0.70 | 0.09 | 0.14 | 0.28 |
| ES0009R | arsenic | 0.68 | 0.12 | 0.35 | 0.57 | 0.12 | 0.21 | 0.82 | 0.08 | 0.12 | 0.20 | 0.10 | 0.66 | 0.31 |
| FI0008R | arsenic | 0.07 | 0.07 | 0.33 | - | 0.05 | 0.06 | 0.01 | 0.07 | 0.10 | 0.03 | 0.01 | 0.12 | 0.06 |
| FI0017R | arsenic | 0.76 | 0.27 | 0.39 | 0.13 | 0.24 | 0.16 | 0.23 | 0.08 | 0.11 | 0.20 | 0.24 | 0.21 | 0.21 |
| FI0022R | arsenic | 0.06 | 0.08 | 0.69 | 0.09 | 0.10 | 0.17 | 0.04 | 0.71 | 0.07 | 0.03 | 0.06 | 0.07 | 0.11 |
| FI0036R | arsenic | 0.06 | 0.07 | 0.11 | - | 0.09 | 0.09 | 0.01 | 0.09 | 0.05 | 0.04 | 0.02 | 0.05 | 0.06 |
| FI0053R | arsenic | 0.28 | 0.27 | 0.39 | 0.09 | 0.08 | 0.19 | 0.04 | 0.15 | 0.04 | 0.06 | 0.05 | 0.09 | 0.08 |
| FI0092R | arsenic | 0.06 | 0.10 | 0.10 | 0.07 | 0.06 | 0.10 | 0.02 | 0.09 | 0.18 | 0.03 | 0.05 | 0.08 | 0.08 |
| FI0093R | arsenic | 0.15 | 0.11 | 0.20 | 0.10 | 0.06 | 0.10 | 0.02 | 0.07 | 0.07 | 0.06 | 0.11 | 0.15 | 0.09 |
| GB0006R | arsenic | 0.22 | 0.20 | 0.15 | 0.15 | 0.51 | 0.23 | 0.30 | 0.19 | 0.11 | 0.33 | 0.11 | 0.11 | 0.22 |
| GB0013R | arsenic | 0.17 | 0.11 | 0.07 | 0.09 | 0.08 | 0.20 | 0.19 | 0.11 | 0.10 | 0.09 | 0.08 | 0.10 | 0.10 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GB0017R | arsenic | 0.16 | 0.14 | 0.19 | 0.22 | 0.17 | 0.15 | 0.09 | 0.09 | 0.18 | 0.18 | 0.14 | 0.15 | 0.14 |
| GB0091R | arsenic | 0.15 | 0.21 | 0.21 | 0.14 | 0.10 | 0.11 | 0.12 | 0.09 | 0.12 | 0.15 | 0.08 | 0.11 | 0.14 |
| 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 | 0.50 |
| IS0090R | arsenic | 0.06 | 0.05 | 0.06 | 0.11 | 0.10 | 0.07 | 0.10 | 0.06 | 0.04 | 0.05 | 0.47 | 0.33 | 0.12 |
| IS0091R | arsenic | 0.10 | 0.09 | 0.04 | 0.03 | 0.05 | 0.06 | 0.04 | 0.11 | 0.06 | 0.08 | 0.03 | 0.04 | 0.06 |
| LT0015R | arsenic | 0.36 | 0.23 | 0.21 | 0.40 | 0.68 | 0.20 | 0.09 | 0.17 | 0.19 | 0.17 | 0.13 | 0.38 | 0.23 |
| LV0010R | arsenic | 0.37 | 0.77 | 0.47 | 0.34 | 0.79 | 1.45 | - | 0.59 | 1.64 | 1.64 | 0.52 | 0.55 | 0.94 |
| LV0016R | arsenic | 0.26 | 0.31 | 0.19 | 0.55 | 0.71 | 1.07 | 1.81 | 1.46 | 1.15 | 0.86 | 0.62 | 0.46 | 0.79 |
| NL0009R | arsenic | 0.17 | 0.31 | 0.29 | 0.98 | 0.69 | 0.59 | 0.37 | 0.11 | 0.27 | 0.28 | 0.08 | 0.15 | 0.30 |
| NL0091R | arsenic | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| NO0001R | arsenic | 0.29 | 0.19 | 0.09 | 0.20 | 0.11 | 0.15 | 0.16 | - | - | - | - | - | - |
| NO0047R | arsenic | 0.12 | 0.43 | 0.45 | 7.05 | 3.48 | 1.54 | 0.41 | 1.93 | 1.56 | 0.35 | 0.30 | 4.49 | 1.31 |
| PL0005R | arsenic | 0.29 | 0.50 | 0.36 | 0.45 | 0.32 | 0.33 | 0.47 | 0.61 | 0.16 | 0.15 | 0.20 | 0.19 | 0.37 |
| SE0051R | arsenic | 0.18 | 0.26 | 0.03 | 0.23 | 0.23 | 0.40 | 0.29 | 0.03 | 0.19 | 0.03 | 0.03 | 0.03 | 0.10 |
| SE0097R | arsenic | 0.11 | 0.03 | 0.03 | 0.12 | 0.03 | 0.12 | 0.03 | 0.03 | 0.03 | 0.12 | 0.03 | 0.03 | 0.05 |
| SK0002R | arsenic | 0.45 | 0.87 | 0.45 | 0.60 | 0.38 | 0.44 | 0.75 | 0.87 | 0.84 | 0.59 | - | 0.62 | 0.60 |
| SK0004R | arsenic | 0.40 | 0.40 | 0.18 | 0.58 | 0.09 | - | - | - | - | - | - | - | - |
| SK0005R | arsenic | - | 0.44 | 0.37 | 0.41 | 0.26 | 0.41 | - | 0.17 | 0.17 | 0.14 | 0.99 | 0.49 | 0.41 |
| SK0006R | arsenic | 0.49 | 0.19 | 0.25 | 0.28 | 0.09 | - | - | - | - | - | - | - | - |
| SK0007R | arsenic | 0.44 | 0.37 | 0.36 | 0.54 | 0.06 | - | - | - | - | - | - | - | - |
| BE0014R | cadmium | 0.04 | 0.05 | 0.07 | 0.13 | 0.04 | 0.04 | 0.07 | 0.03 | 0.05 | 0.03 | 0.03 | 0.03 | 0.04 |
| CZ0003R | cadmium | 0.15 | 0.12 | 0.08 | 0.17 | 0.17 | 0.20 | 0.27 | 0.21 | 0.24 | 0.13 | 0.10 | 0.13 | 0.17 |
| DE0001R | cadmium | 0.06 | 0.03 | 0.03 | 0.03 | 0.03 | - | 0.05 | 0.01 | 0.02 | 0.03 | 0.04 | 0.03 | 0.03 |
| DE0002R | cadmium | 0.04 | 0.04 | 0.04 | 0.06 | 0.05 | 0.04 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 |
| DE0003R | cadmium | 0.03 | 0.02 | 0.02 | 0.03 | 0.02 | 0.03 | 0.03 | 0.01 | 0.03 | 0.02 | 0.02 | 0.01 | 0.02 |
| DE0007R | cadmium | 0.04 | 0.03 | 0.07 | 0.08 | 0.04 | 0.03 | 0.06 | 0.03 | 0.02 | 0.02 | 0.03 | 0.04 | 0.04 |
| DE0008R | cadmium | 0.04 | 0.03 | 0.03 | 0.06 | 0.03 | 0.04 | 0.04 | 0.02 | 0.03 | 0.19 | 0.04 | 0.05 | 0.05 |
| DE0009R | cadmium | 0.05 | 0.03 | 0.03 | 0.05 | 0.04 | 0.05 | 0.08 | 0.02 | 0.02 | 0.04 | 0.02 | 0.04 | 0.03 |
| DK0008R | cadmium | 0.10 | 0.05 | 0.04 | 0.02 | 0.03 | 0.05 | 0.04 | 0.01 | 0.03 | 0.02 | 0.03 | 0.05 | 0.03 |
| DK0020R | cadmium | 0.13 | 0.10 | 0.11 | 0.05 | 0.04 | 0.17 | 0.07 | 0.03 | 0.10 | 0.04 | 0.02 | - | 0.06 |
| DK0022R | cadmium | 0.06 | 0.02 | 0.03 | 0.02 | 0.02 | 0.29 | 0.17 | 0.05 | 0.04 | 0.02 | 0.02 | 0.02 | 0.04 |
| DK0031R | cadmium | 0.04 | 0.03 | 0.02 | 0.02 | 0.02 | 0.03 | 0.04 | 0.01 | 0.05 | 0.01 | 0.03 | 0.02 | 0.02 |
| EE0009R | cadmium | 0.14 | 0.04 | 0.01 | 0.03 | 0.03 | 0.01 | 0.01 | 0.23 | 0.01 | 0.01 | 0.04 | 0.03 | 0.06 |
| ES0009R | cadmium | 0.08 | 0.06 | 0.07 | 0.10 | 0.06 | 0.10 | 0.22 | 0.08 | 0.07 | 0.08 | 0.08 | 0.07 | 0.10 |
| ES0008R | cadmium | 0.07 | 0.13 | 0.07 | 0.07 | 0.08 | 0.18 | 0.05 | 0.06 | 0.08 | 0.04 | 0.07 | 0.07 | 0.08 |
| FI0008R | cadmium | 0.01 | 0.01 | 0.03 | - | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 |
| FI0017R | cadmium | 0.20 | 0.08 | 0.08 | 0.06 | 0.08 | 0.03 | 0.07 | 0.05 | 0.04 | 0.04 | 0.10 | 0.06 | 0.06 |
| FI0022R | cadmium | 0.01 | 0.02 | 0.03 | 0.02 | 0.05 | 0.03 | 0.04 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 |
| FI0036R | cadmium | 0.01 | 0.01 | 0.01 | - | 0.05 | 0.02 | 0.01 | 0.02 | 0.02 | 0.01 | 0.00 | 0.01 | 0.02 |
| FI0053R | cadmium | 0.07 | 0.12 | 0.07 | 0.03 | 0.02 | 0.05 | 0.03 | 0.04 | 0.01 | 0.01 | 0.02 | 0.03 | 0.03 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FI0092R | cadmium | 0.02 | 0.04 | 0.02 | 0.04 | 0.04 | 0.03 | 0.01 | 0.05 | 0.06 | 0.02 | 0.02 | 0.03 | 0.03 |
| FI0093R | cadmium | 0.04 | 0.04 | 0.05 | 0.03 | 0.02 | 0.03 | 0.02 | 0.04 | 0.03 | 0.02 | 0.05 | 0.03 | 0.03 |
| FR0090R | cadmium | 0.02 | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | 0.15 | 0.07 | 0.13 | 0.05 | 0.07 | 0.05 | 0.05 |
| GB0006R | cadmium | 0.01 | 0.00 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 |
| GB0013R | cadmium | 0.05 | 0.03 | 0.01 | 0.01 | 0.02 | 0.03 | 0.02 | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 | 0.02 |
| GB0017R | cadmium | 0.10 | 0.02 | 0.04 | 0.05 | 0.03 | 0.02 | 0.02 | 0.02 | 0.04 | 0.04 | 0.02 | 0.02 | 0.03 |
| GB0091R | cadmium | 0.06 | 0.04 | 0.04 | 0.01 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.03 | 0.01 | 0.01 | 0.03 |
| HU0002R | cadmium | 0.42 | 0.26 | 0.12 | 0.20 | 0.14 | 0.12 | 0.22 | 0.13 | 0.18 | 0.04 | 0.21 | 0.18 | 0.16 |
| IE0001R | cadmium | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| IS0090R | cadmium | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| IS0091R | cadmium | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| LT0015R | cadmium | 0.08 | 0.13 | 0.14 | 0.18 | 0.29 | 0.04 | 0.08 | 0.10 | 0.07 | 0.03 | 0.04 | 0.05 | 0.08 |
| LV0010R | cadmium | 0.07 | 0.21 | 0.12 | 0.14 | 0.13 | 0.07 | 0.20 | 0.06 | 0.07 | 0.06 | 0.09 | 0.05 | 0.08 |
| LV0016R | cadmium | 0.08 | 0.16 | 0.05 | 0.06 | 0.12 | 0.09 | 0.05 | 0.10 | 0.06 | 0.07 | 0.06 | 0.12 | 0.08 |
| NL0009R | cadmium | 0.08 | 0.08 | 0.06 | 0.10 | 0.09 | 0.15 | 0.08 | 0.05 | 0.06 | 0.04 | 0.03 | 0.05 | 0.06 |
| NL0091R | cadmium | 0.07 | 0.05 | 0.03 | 0.04 | 0.04 | 0.06 | 0.02 | 0.04 | 0.04 | 0.03 | 0.06 | 0.05 | 0.04 |
| NO0001R | cadmium | 0.06 | 0.04 | 0.02 | 0.11 | 0.02 | 0.02 | 0.02 | 0.01 | 0.03 | 0.02 | 0.02 | 0.01 | 0.03 |
| NO0039R | cadmium | 0.01 | 0.00 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| NO0047R | cadmium | 0.04 | 0.18 | 0.15 | 0.57 | 0.32 | 0.09 | 0.06 | 0.17 | 0.12 | 0.06 | 0.07 | 0.45 | 0.13 |
| NO0055R | cadmium | 0.02 | 0.02 | 0.03 | 0.05 | 0.09 | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 |
| NO0056R | cadmium | 0.16 | 0.06 | 0.12 | 0.10 | 0.08 | 0.04 | 0.08 | 0.04 | 0.05 | 0.08 | 0.03 | 0.02 | 0.06 |
| PL0004R | cadmium | 0.05 | 0.23 | 0.10 | 0.20 | 0.12 | 0.04 | 0.06 | 0.04 | 0.02 | 0.10 | 0.15 | - | 0.10 |
| PL0005R | cadmium | 0.29 | 0.37 | 0.50 | 0.23 | 0.07 | 0.10 | 0.09 | 0.04 | 0.04 | 0.04 | 0.15 | 0.16 | 0.10 |
| PT0001R | cadmium | 0.43 | 0.43 | 0.43 | 0.43 | 0.43 | 0.43 | 0.43 | 0.43 | 0.43 | 0.43 | 0.43 | 0.43 | 0.43 |
| PT0004R | cadmium | 0.43 | 0.43 | 0.43 | 0.43 | - | 0.43 | - | 0.43 | 0.43 | 0.43 | 0.43 | 0.43 | 0.43 |
| PT0010R | cadmium | - | - | - | - | - | 0.43 | 0.43 | 0.43 | 0.43 | 0.43 | 0.43 | 0.43 | - |
| SE0051R | cadmium | 0.08 | 0.06 | 0.06 | 0.06 | 0.04 | 0.11 | 0.09 | 0.02 | 0.04 | 0.04 | 0.02 | 0.03 | 0.04 |
| SE0097R | cadmium | 0.07 | 0.06 | 0.04 | 0.06 | 0.04 | 0.05 | 0.02 | 0.02 | 0.03 | 0.02 | 0.01 | 0.01 | 0.03 |
| SK0002R | cadmium | 0.60 | 0.19 | 0.10 | 0.20 | 0.16 | 0.08 | 0.19 | 0.11 | 0.24 | 0.12 | 0.17 | 0.18 | 0.16 |
| SK0004R | cadmium | 0.21 | 0.12 | 0.08 | 0.30 | 0.31 | 0.07 | 0.21 | 0.50 | 0.15 | 0.06 | 0.07 | 0.26 | 0.22 |
| SK0005R | cadmium | - | 0.07 | 0.05 | 0.18 | 0.07 | 0.12 | 0.28 | 0.06 | 0.07 | 0.07 | 0.39 | 0.18 | 0.14 |
| SK0006R | cadmium | 0.09 | 0.07 | 0.04 | 0.18 | 0.05 | 0.04 | 0.27 | 0.06 | 0.18 | 0.12 | 0.18 | 0.17 | 0.09 |
| SK0007R | cadmium | 0.07 | 0.06 | 0.03 | 0.13 | 0.05 | 0.09 | 0.13 | 0.17 | 0.04 | 0.02 | 0.11 | 0.08 | 0.09 |
| | | | | | | | | | | | | | | |
| BE0014R | chromium | 0.27 | 0.29 | 0.30 | 0.26 | 0.26 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 |
| DE0001R | chromium | 0.11 | 0.09 | 0.05 | 0.05 | 0.02 | - | 0.25 | 0.08 | 0.11 | 0.13 | 0.12 | 0.12 | 0.10 |
| DE0002R | chromium | 0.16 | 0.13 | 0.10 | 0.15 | 0.15 | 0.32 | 0.14 | 0.14 | 0.19 | 0.12 | 0.11 | 0.16 | 0.15 |
| DE0003R | chromium | 0.09 | 0.06 | 0.03 | 0.08 | 0.06 | 0.19 | 0.15 | 0.07 | 0.08 | 0.09 | 0.07 | 0.07 | 0.08 |
| DE0007R | chromium | 0.16 | 0.11 | 0.16 | 0.16 | 0.18 | 0.15 | 0.43 | 0.13 | 0.16 | 0.13 | 0.28 | 0.13 | 0.16 |
| DE0008R | chromium | 0.13 | 0.12 | 0.11 | 0.13 | 0.11 | 0.28 | 0.21 | 0.14 | 0.15 | 0.11 | 0.12 | 0.16 | 0.13 |
| DE0009R | chromium | 0.17 | 0.15 | 0.16 | 0.17 | 0.14 | 0.24 | 0.31 | 0.11 | 0.16 | 0.29 | 0.12 | 0.10 | 0.15 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DK0008R | chromium | 0.53 | 0.33 | 0.32 | 0.34 | 0.30 | 0.42 | 0.47 | 0.17 | 0.71 | 0.28 | 0.25 | 0.34 | 0.30 |
| DK0020R | chromium | 1.30 | 0.54 | 0.39 | 0.41 | 0.25 | 1.09 | 0.70 | 0.14 | 0.61 | 0.44 | 0.28 | - | 0.41 |
| DK0022R | chromium | 0.37 | 0.38 | 0.33 | 0.37 | 0.26 | 0.55 | 0.40 | 0.07 | 0.51 | 0.30 | 0.26 | 0.17 | 0.27 |
| DK0031R | chromium | 0.23 | 0.21 | 0.34 | 0.33 | 0.28 | 0.40 | 0.52 | 0.14 | 0.41 | 0.15 | 0.21 | 0.22 | 0.24 |
| ES0008R | chromium | 166.24 | 9.55 | 154.74 | 151.40 | 21.48 | 86.84 | 153.71 | 193.52 | 86.93 | 53.52 | 41.40 | 62.99 | 85.46 |
| ES0009R | chromium | 27.08 | 79.44 | 14.63 | 14.41 | 15.51 | 13.74 | 23.19 | 26.91 | 21.39 | 5.24 | 10.97 | 15.17 | 15.32 |
| FI0008R | chromium | 0.06 | 0.03 | 0.60 | - | 0.08 | 0.12 | 0.01 | 0.36 | 0.12 | 0.05 | 0.01 | 0.08 | 0.10 |
| FI0017R | chromium | 0.66 | 0.50 | 0.61 | 0.09 | 0.60 | 0.66 | 0.97 | 0.39 | 0.26 | 0.01 | 0.04 | 0.19 | 0.21 |
| FI0022R | chromium | 0.04 | 0.05 | 0.98 | 0.15 | 0.01 | 0.48 | 0.17 | 0.57 | 0.08 | 0.01 | 0.01 | 0.09 | 0.12 |
| FI0036R | chromium | 0.03 | 0.04 | 0.32 | - | 0.01 | 0.13 | 0.01 | 0.22 | 0.04 | 0.01 | 0.01 | 0.04 | 0.06 |
| FI0053R | chromium | 0.22 | 0.38 | 0.76 | 0.21 | 0.17 | 1.51 | 0.38 | 1.94 | 0.03 | 0.01 | 0.01 | 0.24 | 0.18 |
| FI0092R | chromium | 0.01 | 0.05 | 0.25 | 0.17 | 0.19 | 0.51 | 0.16 | 0.16 | 0.15 | 0.01 | 0.01 | 0.08 | 0.13 |
| FI0093R | chromium | 0.06 | 0.08 | 0.53 | 0.12 | 0.08 | 0.19 | 0.05 | 0.22 | 0.06 | 0.01 | 0.08 | 0.12 | 0.10 |
| FR0090R | chromium | 0.07 | 0.05 | 0.08 | 0.10 | 0.11 | 0.17 | 0.27 | 0.09 | 0.06 | 0.03 | 0.02 | 0.03 | 0.06 |
| GB0006R | chromium | 0.05 | 0.16 | 0.13 | 0.06 | 0.17 | 0.11 | 0.20 | 0.27 | 0.06 | 0.02 | 0.02 | 0.02 | 0.10 |
| GB0013R | chromium | 0.11 | 0.07 | 0.06 | 0.06 | 0.07 | 0.21 | 0.17 | 0.10 | 0.17 | 0.05 | 0.04 | 0.09 | 0.08 |
| GB0017R | chromium | 0.12 | 0.09 | 0.20 | 0.25 | 0.20 | 0.16 | 0.13 | 0.13 | 0.06 | 0.06 | 0.08 | 0.07 | 0.13 |
| GB0091R | chromium | 0.10 | 0.32 | 0.09 | 0.16 | 0.21 | 0.18 | 0.07 | 0.06 | 0.07 | 0.07 | 0.06 | 0.11 | 0.11 |
| 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 | 0.50 |
| IS0090R | chromium | 0.12 | 0.26 | 0.29 | 0.37 | 0.48 | 0.10 | 0.29 | 0.12 | 0.13 | 0.05 | 0.16 | 0.21 | 0.19 |
| IS0091R | chromium | 0.32 | 0.15 | 0.37 | 2.07 | 0.32 | 0.14 | 0.09 | 0.12 | 0.14 | 0.19 | 0.14 | 0.13 | 0.26 |
| LT0015R | chromium | 0.11 | 1.34 | 1.27 | 0.85 | 0.47 | 0.37 | 0.34 | 0.26 | 0.23 | 0.35 | 0.57 | 0.48 | 0.49 |
| NL0009R | chromium | 0.26 | 0.50 | 0.38 | 0.77 | 0.62 | 0.34 | 0.53 | 0.32 | 0.48 | 0.29 | 0.28 | 0.45 | 0.41 |
| NL0091R | chromium | 0.26 | 0.26 | 0.26 | 0.26 | 0.26 | 0.29 | 0.36 | 0.26 | 0.26 | 0.26 | 0.26 | 0.26 | 0.27 |
| NO0001R | chromium | 0.11 | 0.20 | 0.29 | 0.31 | 0.13 | 0.10 | 0.23 | 0.12 | 0.24 | 0.10 | 0.11 | 0.10 | 0.15 |
| NO0047R | chromium | 0.12 | 0.89 | 0.17 | 1.03 | 0.44 | 0.23 | 0.19 | 0.56 | 0.46 | 0.10 | 0.19 | 0.96 | 0.31 |
| PL0004R | chromium | 0.06 | - | 0.13 | 0.07 | 0.04 | 0.21 | 0.35 | 0.12 | 0.10 | 0.12 | 0.07 | - | 0.11 |
| PL0005R | chromium | 0.37 | 0.11 | 0.14 | 0.26 | 0.25 | 0.15 | 0.12 | 0.05 | 0.07 | 0.06 | 0.10 | 0.09 | 0.10 |
| SE0051R | chromium | 0.52 | - | 0.16 | 0.11 | 0.05 | 0.30 | 0.24 | 0.10 | 0.30 | 0.19 | 0.05 | 0.07 | 0.15 |
| SE0097R | chromium | 0.09 | 0.20 | 0.23 | 0.30 | 0.20 | 0.36 | 0.26 | 0.08 | 0.23 | 0.08 | 0.05 | 0.05 | 0.14 |
| SK0002R | chromium | 0.18 | 0.38 | 0.15 | 0.22 | 0.20 | 0.63 | 0.59 | - | - | - | 0.23 | 0.62 | 0.33 |
| SK0004R | chromium | 0.03 | 0.05 | 0.05 | 0.17 | 0.10 | - | - | - | - | - | - | - | - |
| SK0005R | chromium | - | 0.04 | 0.10 | 0.13 | 0.13 | 0.50 | 0.75 | 0.64 | - | - | 0.06 | - | 0.32 |
| SK0006R | chromium | 0.03 | 0.03 | 0.03 | 0.11 | 0.08 | - | - | - | - | - | - | - | - |
| SK0007R | chromium | 0.02 | 0.17 | 0.11 | 0.21 | 0.08 | - | - | - | - | - | - | - | - |
| | | | | | | | | | | | | | | |
| DE0001R | cobalt | 0.02 | 0.01 | 0.02 | 0.03 | 0.01 | - | 0.06 | 0.01 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 |
| DE0002R | cobalt | 0.02 | 0.01 | 0.01 | 0.03 | 0.04 | 0.09 | 0.02 | 0.02 | 0.05 | 0.02 | 0.02 | 0.01 | 0.03 |
| DE0003R | cobalt | 0.03 | 0.02 | 0.01 | 0.02 | 0.01 | 0.06 | 0.04 | 0.01 | 0.01 | 0.02 | 0.01 | 0.02 | 0.02 |
| DE0007R | cobalt | 0.03 | 0.01 | 0.03 | 0.05 | 0.06 | 0.05 | 0.12 | 0.02 | 0.03 | 0.03 | 0.07 | 0.02 | 0.04 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DE0008R | cobalt | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.08 | 0.05 | 0.01 | 0.03 | 0.02 | 0.03 | 0.03 | 0.02 |
| DE0009R | cobalt | 0.01 | 0.01 | 0.01 | 0.03 | 0.02 | 0.05 | 0.06 | 0.01 | 0.05 | 0.08 | 0.02 | 0.02 | 0.03 |
| FI0008R | cobalt | 0.01 | 0.01 | 0.06 | - | 0.02 | 0.01 | 0.00 | 0.03 | 0.04 | 0.01 | 0.01 | 0.04 | 0.02 |
| FI0017R | cobalt | 0.06 | 0.04 | 0.04 | 0.01 | 0.12 | 0.06 | 0.09 | 0.02 | 0.03 | 0.01 | 0.02 | 0.02 | 0.03 |
| FI0022R | cobalt | 0.01 | 0.01 | 0.03 | 0.01 | 0.01 | 0.05 | 0.01 | 0.02 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 |
| FI0036R | cobalt | 0.00 | 0.01 | 0.01 | - | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.01 |
| FI0053R | cobalt | 0.10 | 0.13 | 0.21 | 0.04 | 0.03 | 0.27 | 0.08 | 0.12 | 0.03 | 0.01 | 0.05 | 0.05 | 0.05 |
| FI0092R | cobalt | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.04 | 0.02 | 0.02 | 0.03 | 0.01 | 0.01 | 0.01 | 0.02 |
| FI0093R | cobalt | 0.02 | 0.02 | 0.03 | 0.02 | 0.03 | 0.04 | 0.02 | 0.02 | 0.01 | 0.00 | 0.01 | 0.01 | 0.02 |
| NO0001R | cobalt | 0.02 | 0.01 | 0.01 | 0.03 | 0.01 | 0.04 | 0.03 | 0.01 | 0.03 | 0.01 | 0.02 | 0.01 | 0.01 |
| NO0047R | cobalt | 0.09 | 0.31 | 0.28 | 4.64 | 1.82 | 1.23 | 0.29 | 1.94 | 2.14 | 0.28 | 0.35 | 5.86 | 1.14 |
| SE0051R | cobalt | 0.05 | - | 0.02 | 0.02 | 0.03 | 0.05 | 0.08 | 0.00 | 0.05 | 0.07 | 0.01 | 0.03 | 0.03 |
| SE0097R | cobalt | 0.01 | 0.01 | 0.03 | 0.02 | 0.02 | 0.05 | 0.01 | 0.02 | 0.04 | 0.02 | 0.01 | 0.00 | 0.02 |
| BE0014R | copper | 2.60 | 1.79 | 2.67 | 3.64 | 1.71 | 2.99 | 7.14 | 2.20 | 4.93 | 3.43 | 2.79 | 1.49 | 2.70 |
| DE0001R | copper | 1.85 | 1.09 | 0.82 | 1.28 | 0.72 | - | 1.77 | 0.56 | 1.11 | 1.10 | 0.78 | 0.50 | 0.87 |
| DE0002R | copper | 0.75 | 0.87 | 0.61 | 1.41 | 2.06 | 1.96 | 2.03 | 0.99 | 1.23 | 0.98 | 0.64 | 0.88 | 1.18 |
| DE0003R | copper | - | 0.59 | 0.74 | 1.71 | 1.43 | 1.60 | 2.11 | 0.90 | 0.61 | 0.55 | 0.44 | 0.51 | 0.93 |
| DE0007R | copper | 0.92 | 2.48 | 2.10 | 2.41 | 3.17 | 1.94 | 2.89 | 1.39 | 1.26 | 1.22 | 1.74 | 1.24 | 1.89 |
| DE0008R | copper | 0.73 | 0.52 | 2.00 | 5.16 | 1.75 | 1.48 | 3.33 | 2.78 | 2.10 | 1.84 | 3.41 | 2.23 | 2.44 |
| DE0009R | copper | 2.20 | 0.65 | 1.70 | 1.59 | 2.26 | 1.71 | 2.78 | 2.84 | 1.17 | 5.39 | 3.67 | 3.00 | 2.43 |
| DK0008R | copper | 1.55 | 0.68 | 0.65 | 0.68 | 0.83 | 1.43 | 1.01 | 0.32 | 1.02 | 0.64 | 0.42 | 0.81 | 0.65 |
| DK0020R | copper | 3.64 | 2.00 | 1.43 | 1.42 | 0.95 | 3.37 | 2.22 | 0.52 | 3.11 | 1.07 | 0.56 | - | 1.42 |
| DK0022R | copper | 1.05 | 0.83 | 0.81 | 0.52 | 0.66 | 4.14 | 2.10 | 0.51 | 0.66 | 0.66 | 0.52 | 0.36 | 0.72 |
| DK0031R | copper | 0.48 | 0.38 | 0.76 | 0.40 | 0.73 | 0.85 | 0.61 | 0.62 | 0.98 | 0.23 | 0.30 | 0.59 | 0.50 |
| EE0009R | copper | 2.40 | 10.00 | 9.70 | 15.10 | 7.10 | 2.20 | 9.80 | 1.50 | 20.50 | 5.60 | 2.90 | 0.50 | 5.25 |
| ES0008R | copper | 13.42 | 33.65 | 17.98 | 10.53 | 14.90 | 19.46 | 7.82 | 11.61 | 12.89 | 8.84 | 11.71 | 13.65 | 14.71 |
| ES0009R | copper | 2.63 | 14.56 | 7.29 | 13.20 | 2.28 | 16.36 | 26.10 | 2.31 | 9.45 | 7.95 | 9.28 | 14.70 | 12.34 |
| FI0008R | copper | 3.64 | 3.82 | 11.59 | - | 1.26 | 1.16 | 0.87 | 1.48 | 2.77 | 2.44 | 1.74 | 3.80 | 2.04 |
| FI0017R | copper | 4.61 | 4.28 | 2.58 | 1.65 | 3.27 | 3.70 | 6.54 | 1.79 | 2.55 | 1.00 | 1.55 | 1.43 | 1.83 |
| FI0022R | copper | 0.83 | 1.45 | 7.79 | 0.87 | 0.78 | 3.18 | 0.78 | 3.30 | 0.77 | 0.70 | 1.79 | 0.65 | 1.19 |
| FI0036R | copper | 2.86 | 1.98 | 3.20 | - | 1.34 | 0.92 | 0.88 | 1.26 | 0.76 | 0.81 | 0.60 | 1.61 | 1.16 |
| FI0053R | copper | 10.69 | 5.79 | 13.30 | 1.21 | 1.47 | 8.76 | 2.11 | 5.07 | 1.01 | 0.98 | 0.58 | 1.49 | 1.74 |
| FI0092R | copper | 0.39 | 2.48 | 1.75 | 0.85 | 0.70 | 1.31 | 1.36 | 1.77 | 1.35 | 0.81 | 0.47 | 1.07 | 1.05 |
| FI0093R | copper | 1.63 | 3.32 | 1.56 | 0.92 | 1.05 | 1.54 | 0.92 | 1.01 | 0.76 | 0.63 | 0.77 | 1.11 | 1.01 |
| FR0090R | copper | 1.35 | 0.51 | 0.41 | 0.95 | 1.05 | 1.15 | 1.35 | 0.76 | 0.70 | 0.35 | 0.55 | 0.31 | 0.66 |
| GB0006R | copper | 0.14 | 0.16 | 0.19 | 0.21 | 0.53 | 0.27 | 1.88 | 1.01 | 0.26 | 0.52 | 0.08 | 0.07 | 0.41 |
| GB0013R | copper | 0.56 | 0.41 | 0.24 | 0.49 | 0.53 | 0.81 | 0.68 | 0.47 | 0.48 | 0.52 | 0.18 | 0.12 | 0.39 |
| GB0017R | copper | 0.78 | 0.76 | 1.10 | 1.48 | 6.83 | 8.05 | 0.67 | 0.67 | 1.23 | 1.23 | 0.77 | 0.79 | 1.91 |
| GB0091R | copper | 0.55 | 1.40 | 0.59 | 0.30 | 0.58 | 0.85 | 0.65 | 0.29 | 0.43 | 0.69 | 0.21 | 0.21 | 0.58 |
| IE0001R | copper | 3.10 | 3.70 | 0.50 | 2.40 | 0.50 | 4.50 | 4.10 | 0.50 | 1.60 | 0.50 | 0.50 | 0.50 | 1.44 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IS0090R | copper | 2.93 | 2.90 | 2.95 | 3.86 | 3.90 | 2.25 | 1.73 | 2.44 | 2.48 | 1.94 | 1.76 | 3.63 | 2.62 |
| IS0091R | copper | 0.50 | 0.96 | 1.09 | 1.50 | 14.79 | 1.13 | 0.67 | 1.46 | 0.51 | 0.48 | 0.78 | 0.70 | 1.86 |
| IT0001R | copper | 4.97 | 1.92 | 0.95 | 2.80 | 0.74 | 6.22 | 2.15 | 0.63 | 0.32 | - | 1.64 | 13.22 | 3.37 |
| LT0015R | copper | 0.41 | 2.91 | 1.30 | 3.00 | 3.73 | 2.06 | 1.14 | 1.57 | 0.98 | 0.77 | 1.04 | 1.04 | 1.33 |
| LV0010R | copper | 1.20 | 1.96 | 1.68 | 5.27 | 1.22 | 2.91 | 3.53 | 3.25 | 3.75 | 2.55 | 2.84 | 2.33 | 2.76 |
| LV0016R | copper | 2.20 | 2.27 | 2.43 | 1.18 | 5.12 | 3.90 | 6.60 | 2.18 | 2.29 | 2.19 | 4.50 | 4.46 | 3.20 |
| NL0009R | copper | 1.94 | 2.03 | 1.41 | 1.95 | 3.73 | 6.49 | 1.74 | 0.76 | 1.18 | 0.98 | 0.56 | 1.14 | 1.63 |
| NL0091R | copper | 1.39 | 2.07 | 2.15 | 1.32 | 0.74 | 1.58 | 1.29 | 0.49 | 0.81 | 0.91 | 0.83 | 0.85 | 1.01 |
| NO0001R | copper | 0.83 | 0.58 | 0.80 | 0.59 | 0.57 | 0.71 | 0.67 | 0.24 | 0.59 | 0.53 | 0.48 | 0.31 | 0.51 |
| NO0047R | copper | 4.14 | 26.79 | 23.30 | 232.44 | 89.77 | 44.51 | 9.56 | 55.28 | 55.21 | 13.41 | 18.04 | 224.52 | 44.51 |
| PL0004R | copper | 1.50 | 1.34 | 0.53 | 1.15 | 0.56 | 0.69 | 1.90 | 0.43 | 0.21 | 2.06 | 0.86 | - | 0.90 |
| PL0005R | copper | 2.72 | 4.40 | 5.73 | 4.34 | 2.14 | 2.67 | 3.18 | 1.71 | 2.48 | 3.04 | 1.86 | 1.73 | 2.37 |
| PT0001R | copper | 1.05 | 0.33 | 0.35 | 1.06 | 2.09 | 2.99 | 0.90 | 9.09 | 1.42 | 1.89 | 0.55 | 1.23 | 1.33 |
| PT0003R | copper | 0.96 | 0.33 | 1.25 | 1.75 | 3.17 | 1.53 | - | 3.39 | 2.75 | 2.71 | 0.39 | 0.37 | 1.46 |
| PT0004R | copper | 2.99 | 0.33 | 0.55 | 0.83 | - | 1.18 | - | 6.36 | 0.97 | 1.57 | 0.74 | 1.03 | 1.23 |
| PT0010R | copper | - | - | - | - | - | 3.55 | 4.30 | 7.37 | 3.23 | 0.53 | 1.43 | 1.61 | 1.83 |
| SE0051R | copper | 3.18 | 3.85 | 0.60 | 0.85 | 1.30 | 2.66 | 2.32 | 0.40 | 2.48 | 1.11 | 1.16 | 0.90 | 1.37 |
| SE0097R | copper | 0.36 | 0.90 | 2.32 | 0.78 | 1.28 | 3.50 | 0.63 | 1.02 | 1.17 | 0.91 | 0.39 | 0.33 | 0.80 |
| SK0002R | copper | 2.73 | 2.14 | 0.91 | 2.10 | 1.87 | 1.80 | 3.76 | 2.83 | 5.54 | 3.48 | - | - | 2.37 |
| SK0004R | copper | 0.88 | 0.86 | 0.75 | 2.11 | 1.71 | - | - | - | - | - | - | - | - |
| SK0005R | copper | - | 1.13 | 0.76 | 1.40 | 1.01 | 2.66 | 6.28 | 2.71 | 2.79 | 3.39 | 3.59 | - | 2.45 |
| SK0006R | copper | 1.50 | 0.60 | 0.87 | 2.85 | 0.57 | - | - | - | - | - | - | - | - |
| SK0007R | copper | 1.27 | 2.19 | 1.13 | 1.80 | 1.16 | - | - | - | - | - | - | - | - |
| DE0001R | iron | 12.65 | 10.38 | 16.92 | 27.72 | 12.74 | - | 45.20 | 5.72 | 12.94 | 14.96 | 8.05 | 6.93 | 12.34 |
| DE0002R | iron | 7.37 | 6.82 | 9.60 | 30.84 | 37.51 | 93.88 | 21.80 | 21.74 | 52.83 | 21.19 | 13.12 | 9.31 | 25.83 |
| DE0003R | iron | 8.19 | 4.49 | 7.57 | 11.80 | 9.15 | 63.72 | 37.09 | 7.88 | 7.74 | 16.69 | 8.09 | 13.21 | 12.60 |
| DE0007R | iron | 11.06 | 8.54 | 34.81 | 28.25 | 24.44 | 22.41 | 106.80 | 18.43 | 16.51 | 51.14 | 58.16 | 12.90 | 27.98 |
| DE0008R | iron | 4.30 | 4.62 | 6.46 | 15.40 | 11.06 | 72.76 | 45.69 | 12.42 | 27.98 | 10.38 | 10.92 | 16.98 | 16.17 |
| DE0009R | iron | 8.78 | 5.61 | 10.20 | 21.55 | 19.21 | 41.18 | 67.15 | 9.16 | 37.59 | 41.92 | 12.02 | 10.75 | 18.65 |
| FI0008R | iron | 13.32 | 5.27 | 34.85 | - | 11.62 | 6.01 | 0.75 | 11.10 | 7.57 | 9.05 | 5.05 | 30.72 | 9.93 |
| FI0017R | iron | 62.87 | 34.82 | 60.74 | 20.34 | 306.61 | 130.40 | 191.07 | 67.52 | 50.52 | 11.36 | 15.85 | 55.66 | 49.49 |
| FI0022R | iron | 4.59 | 5.99 | 28.75 | 6.57 | 14.92 | 43.50 | 12.84 | 9.22 | 9.05 | 0.75 | 2.28 | 12.00 | 10.33 |
| FI0036R | iron | 2.09 | 5.02 | 16.91 | - | 16.39 | 25.91 | 6.29 | 10.34 | 10.23 | 10.99 | 3.26 | 5.72 | 10.67 |
| FI0053R | iron | 27.67 | 79.41 | 195.07 | 14.36 | 40.69 | 255.93 | 30.59 | 130.61 | 22.78 | 7.80 | 5.43 | 51.01 | 31.68 |
| FI0092R | iron | 4.70 | 10.91 | 18.10 | 9.61 | 25.92 | 42.64 | 30.58 | 22.89 | 44.45 | 3.34 | 7.56 | 15.45 | 18.87 |
| FI0093R | iron | 13.10 | 13.60 | 50.16 | 18.37 | 24.02 | 23.69 | 24.56 | 18.53 | 11.88 | 3.42 | 4.98 | 15.79 | 14.21 |
| IS0090R | iron | 49.72 | 217.19 | 274.61 | 308.82 | 444.62 | 163.22 | 62.47 | 106.50 | 257.33 | 113.89 | 115.16 | 149.30 | 160.25 |
| IS0091R | iron | 75.74 | 115.56 | 420.93 | 561.12 | 269.66 | 62.36 | 14.50 | 21.76 | 80.31 | 125.68 | 140.47 | 131.12 | 128.90 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BE0014R | lead | 1.21 | 0.67 | 1.76 | 4.07 | 1.38 | 1.45 | 2.09 | 0.90 | 0.96 | 5.36 | 0.91 | 0.61 | 1.65 |
| CZ0001R | lead | 3.83 | 4.10 | 4.29 | 1.51 | 2.66 | 0.85 | 2.14 | 14.36 | 1.71 | 4.99 | 30.91 | 3.56 | 7.66 |
| CZ0003R | lead | 7.73 | 4.02 | 0.91 | 1.34 | 6.33 | 1.32 | 0.80 | 1.36 | 4.58 | 4.26 | 4.64 | 0.97 | 2.73 |
| DE0001R | lead | 1.92 | 0.91 | 0.55 | 1.12 | 0.89 | - | 1.29 | 0.32 | 0.82 | 1.05 | 1.21 | 0.62 | 0.87 |
| DE0002R | lead | 1.01 | 0.88 | 0.88 | 1.33 | 1.76 | 1.37 | 0.78 | 0.75 | 0.63 | 0.58 | 0.52 | 0.42 | 0.94 |
| DE0003R | lead | 2.22 | 0.61 | 0.66 | 1.39 | 0.59 | 1.27 | 1.11 | 0.58 | 1.20 | 0.49 | 0.42 | 0.36 | 0.77 |
| DE0007R | lead | 1.99 | 0.90 | 1.25 | 2.13 | 1.49 | 1.27 | 2.04 | 0.96 | 0.75 | 1.01 | 0.71 | 1.07 | 1.22 |
| DE0008R | lead | 0.94 | 0.92 | 0.66 | 0.89 | 0.62 | 0.85 | 1.25 | 0.94 | 0.75 | 6.44 | 2.60 | 1.53 | 1.69 |
| DE0009R | lead | 1.47 | 0.60 | 0.57 | 1.24 | 1.08 | 1.26 | 2.36 | 0.41 | 0.58 | 0.94 | 0.58 | 0.71 | 0.77 |
| DK0008R | lead | 2.03 | 1.37 | 1.18 | 0.86 | 0.77 | 1.63 | 1.17 | 0.44 | 1.26 | 0.74 | 0.69 | 0.70 | 0.83 |
| DK0020R | lead | 2.39 | 2.19 | 2.61 | 2.62 | 1.13 | 2.36 | 1.75 | 0.55 | 0.69 | 0.96 | 0.81 | - | 1.31 |
| DK0022R | lead | 2.16 | 1.91 | 1.54 | 0.78 | 0.83 | 2.04 | 1.75 | 0.64 | 2.10 | 0.63 | 0.89 | 0.66 | 0.97 |
| DK0031R | lead | 1.08 | 0.76 | 0.78 | 0.87 | 0.78 | 0.72 | 0.80 | 0.25 | 0.78 | 0.17 | 0.83 | 0.60 | 0.62 |
| EE0011R | lead | - | 0.50 | 0.50 | 1.10 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.55 |
| ES0008R | lead | 3.57 | 6.03 | 4.79 | 2.62 | 2.66 | 10.29 | 1.74 | 1.70 | 6.14 | 0.80 | 0.73 | 1.10 | 3.01 |
| ES0009R | lead | 0.26 | 7.58 | 0.75 | 2.53 | 0.80 | 18.15 | 20.77 | 0.88 | 2.08 | 2.58 | 0.35 | 1.55 | 7.18 |
| FI0008R | lead | 0.50 | 0.47 | 1.25 | - | 0.32 | 0.29 | 0.28 | 0.30 | 0.27 | 0.13 | 0.20 | 0.29 | 0.29 |
| FI0017R | lead | 6.93 | 2.50 | 2.44 | 1.31 | 1.73 | 0.92 | 1.54 | 1.00 | 1.08 | 1.38 | 3.05 | 1.88 | 1.77 |
| FI0022R | lead | 0.39 | 0.70 | 0.91 | 0.46 | 0.84 | 0.99 | 0.42 | 0.73 | 0.39 | 0.17 | 0.47 | 0.23 | 0.48 |
| FI0036R | lead | 0.34 | 0.49 | 0.40 | - | 0.88 | 0.57 | 0.37 | 0.36 | 0.38 | 0.12 | 0.25 | 0.21 | 0.41 |
| FI0053R | lead | 2.39 | 2.99 | 2.15 | 0.59 | 0.53 | 2.06 | 0.85 | 1.14 | 0.22 | 0.30 | 0.75 | 1.03 | 0.73 |
| FI0092R | lead | 0.52 | 1.03 | 0.57 | 0.85 | 0.73 | 0.59 | 0.33 | 1.32 | 1.69 | 0.37 | 0.80 | 0.90 | 0.80 |
| FI0093R | lead | 1.25 | 1.47 | 1.24 | 0.68 | 0.42 | 0.75 | 0.39 | 0.94 | 0.52 | 0.51 | 1.44 | 1.02 | 0.80 |
| FR0090R | lead | 0.23 | 0.27 | 0.31 | 0.38 | 0.42 | 0.23 | 0.27 | 0.23 | 0.15 | 0.08 | 0.15 | 0.05 | 0.21 |
| GB0006R | lead | 0.07 | 0.16 | 0.21 | 0.22 | 0.71 | 0.20 | 0.62 | 0.24 | 0.05 | 0.20 | 0.03 | 0.03 | 0.23 |
| GB0013R | lead | 1.21 | 0.81 | 0.42 | 0.34 | 0.42 | 1.33 | 0.76 | 0.27 | 0.32 | 0.76 | 0.25 | 0.27 | 0.52 |
| GB0017R | lead | 0.84 | 1.15 | 1.50 | 1.78 | 1.37 | 1.10 | 0.83 | 0.83 | 0.94 | 0.94 | 0.77 | 0.78 | 1.04 |
| GB0091R | lead | 0.84 | 4.85 | 1.32 | 0.31 | 2.37 | 0.26 | 0.61 | 0.26 | 0.30 | 1.07 | 0.39 | 0.25 | 1.09 |
| HU0002R | lead | 20.40 | 3.53 | 3.24 | 5.07 | 21.67 | 0.88 | 1.31 | 0.64 | 4.50 | 1.46 | 1.55 | 3.70 | 4.52 |
| 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 | 0.50 |
| IS0090R | lead | 0.29 | 0.22 | 0.23 | 0.41 | 0.52 | 0.55 | 0.27 | 0.22 | 0.27 | 1.34 | 0.24 | 0.31 | 0.44 |
| IS0091R | lead | 0.20 | 0.18 | 0.30 | 0.44 | 1.05 | 0.74 | 0.32 | 0.25 | 0.24 | 0.28 | 0.18 | 0.18 | 0.35 |
| IT0001R | lead | 1.97 | 1.50 | 0.91 | 0.12 | 1.10 | 0.39 | 0.16 | 0.20 | 0.28 | - | 0.08 | 20.80 | 2.57 |
| LT0015R | lead | 0.46 | 2.37 | 1.40 | 5.02 | 33.69 | 10.07 | 1.03 | 1.67 | 2.19 | 1.26 | 2.19 | 1.13 | 4.05 |
| LV0010R | lead | 2.27 | 6.34 | 4.26 | 2.99 | 0.98 | 1.43 | 0.83 | 1.40 | 0.80 | 2.25 | 1.58 | 1.04 | 1.89 |
| LV0016R | lead | 4.10 | 1.36 | 2.42 | 2.74 | 2.82 | 1.00 | 0.58 | 0.51 | 0.71 | 2.09 | 1.52 | 2.30 | 1.71 |
| NL0009R | lead | 1.53 | 1.84 | 1.97 | 4.08 | 3.61 | 2.74 | 2.27 | 0.91 | 1.69 | 1.17 | 0.55 | 0.95 | 1.66 |
| NL0091R | lead | 2.90 | 2.12 | 1.20 | 1.95 | 1.65 | 2.72 | 1.80 | 1.83 | 1.69 | 1.90 | 2.39 | 1.60 | 1.88 |
| NO0001R | lead | 2.07 | 1.46 | 0.71 | 1.34 | 0.63 | 0.83 | 0.46 | 0.31 | 0.89 | 0.41 | 0.82 | 0.56 | 0.88 |
| NO0039R | lead | 0.15 | 0.16 | 0.13 | 0.21 | 0.22 | 0.22 | 0.49 | 0.28 | 0.09 | 0.19 | 0.07 | 0.08 | 0.17 |
| NO0047R | lead | 0.32 | 1.35 | 0.68 | 6.44 | 2.03 | 1.13 | 0.65 | 1.12 | 1.00 | 0.42 | 0.31 | 4.35 | 1.15 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO0055R | lead | 0.54 | 0.33 | 0.89 | 0.77 | 0.64 | 0.31 | 0.36 | 0.42 | 0.26 | 0.25 | 0.22 | 0.40 | 0.37 |
| NO0056R | lead | 2.72 | 0.83 | 1.89 | 1.35 | 0.87 | 0.44 | 1.85 | 0.52 | 1.52 | 0.79 | 0.55 | 0.80 | 0.96 |
| PL0004R | lead | 1.83 | 1.63 | 1.02 | 0.98 | 0.78 | 0.89 | 2.79 | 0.56 | 0.42 | 0.82 | 1.59 | - | 0.97 |
| PL0005R | lead | 5.04 | 3.11 | 2.05 | 1.61 | 0.40 | 0.66 | 1.03 | 0.52 | 0.75 | 1.24 | 1.28 | 1.37 | 1.01 |
| PT0001R | lead | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.67 | 0.65 | 0.65 |
| PT0003R | lead | 0.65 | 0.65 | 0.65 | 1.27 | 3.22 | 0.65 | - | 0.65 | 0.97 | 1.31 | 2.02 | 1.33 | 1.35 |
| PT0004R | lead | 0.65 | 0.65 | 0.65 | 0.65 | - | 0.65 | - | 0.65 | 0.65 | 5.53 | 1.84 | 0.65 | 2.30 |
| PT0010R | lead | - | - | - | - | - | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 |
| SE0051R | lead | 2.80 | 1.39 | 0.69 | 0.71 | 0.81 | 2.10 | 1.24 | 0.33 | 0.92 | 1.18 | 0.65 | 0.58 | 0.84 |
| SE0097R | lead | 1.11 | 1.30 | 0.79 | 0.91 | 0.53 | 0.90 | 0.49 | 0.63 | 0.51 | 0.63 | 0.55 | 0.46 | 0.65 |
| SK0002R | lead | 3.56 | - | 3.25 | 4.83 | 4.06 | 2.99 | 5.13 | 2.00 | 6.29 | 3.62 | 5.13 | - | 3.60 |
| SK0004R | lead | 2.25 | 2.78 | 1.11 | 4.14 | 2.57 | 1.34 | 4.01 | 3.14 | 3.60 | 1.23 | 1.23 | 2.98 | 2.24 |
| SK0005R | lead | - | 2.32 | 2.20 | 3.05 | 2.30 | 3.13 | 8.75 | 1.67 | 2.18 | 1.86 | 1.89 | 4.64 | 2.61 |
| SK0006R | lead | 2.62 | 2.66 | 1.56 | 3.13 | 1.70 | 1.50 | 4.96 | 1.83 | 4.18 | 2.49 | 5.36 | 3.26 | 2.28 |
| SK0007R | lead | 2.75 | 2.08 | 2.07 | 3.92 | 1.15 | 2.08 | 3.09 | 3.60 | 1.92 | 0.99 | 3.02 | 1.19 | 2.39 |
| CZ0001R | manganese | 2.24 | 1.71 | 4.43 | 4.83 | 8.08 | 7.30 | 5.47 | 0.86 | 6.89 | 7.02 | 1.58 | 1.58 | 4.03 |
| CZ0003R | manganese | 1.08 | 6.12 | 4.07 | 6.67 | 5.79 | 5.43 | 4.60 | 1.54 | 22.82 | 11.42 | 6.28 | 16.06 | 5.50 |
| DE0001R | manganese | 1.15 | 0.84 | 1.10 | 2.23 | 1.23 | - | 3.97 | 0.52 | 1.18 | 1.50 | 0.91 | 0.68 | 1.14 |
| DE0002R | manganese | 0.78 | 0.92 | 1.05 | 2.87 | 5.19 | 6.54 | 1.54 | 1.98 | 3.59 | 1.89 | 1.24 | 1.21 | 2.45 |
| DE0003R | manganese | 0.81 | 0.56 | 0.44 | 1.45 | 1.36 | 3.88 | 3.21 | 0.50 | 0.74 | 1.89 | 0.80 | 0.96 | 1.11 |
| DE0007R | manganese | 0.95 | 0.75 | 2.36 | 5.20 | 8.91 | 4.44 | 11.51 | 1.98 | 2.19 | 5.16 | 13.83 | 2.25 | 4.68 |
| DE0008R | manganese | 0.62 | 0.59 | 0.57 | 1.48 | 1.72 | 4.88 | 3.93 | 1.13 | 2.14 | 1.27 | 1.05 | 1.39 | 1.53 |
| DE0009R | manganese | 0.93 | 0.92 | 1.11 | 2.47 | 5.15 | 3.82 | 5.59 | 0.73 | 3.14 | 10.97 | 3.97 | 3.59 | 2.85 |
| FI0008R | manganese | 0.75 | 1.15 | 1.68 | - | 1.07 | 1.36 | 0.57 | 1.02 | 2.28 | 0.25 | 0.15 | 0.54 | 0.86 |
| FI0017R | manganese | 2.69 | 2.80 | 2.22 | 1.71 | 23.41 | 8.86 | 9.81 | 4.40 | 3.34 | 0.62 | 1.16 | 1.22 | 2.99 |
| FI0022R | manganese | 0.30 | 0.48 | 2.88 | 0.60 | 1.51 | 13.76 | 1.43 | 3.08 | 1.21 | 0.29 | 0.30 | 0.33 | 1.38 |
| FI0036R | manganese | 0.45 | 0.39 | 0.91 | - | 1.55 | 7.68 | 0.95 | 3.65 | 0.85 | 0.17 | 0.11 | 0.26 | 1.69 |
| FI0053R | manganese | 2.84 | 9.47 | 9.56 | 1.14 | 2.99 | 28.88 | 2.75 | 10.45 | 1.84 | 0.71 | 0.73 | 1.59 | 2.23 |
| FI0092R | manganese | 0.30 | 0.57 | 0.73 | 0.72 | 3.69 | 6.92 | 1.88 | 2.46 | 2.43 | 0.42 | 0.40 | 0.48 | 1.62 |
| FI0093R | manganese | 0.89 | 0.88 | 2.11 | 1.21 | 6.55 | 9.24 | 2.66 | 3.34 | 1.46 | 0.59 | 0.76 | 1.22 | 2.07 |
| IE0001R | manganese | 4.20 | 9.40 | 4.10 | 6.90 | 3.50 | 13.60 | 3.40 | 7.30 | 2.50 | 3.20 | 4.20 | 2.30 | 4.20 |
| IS0090R | manganese | 0.97 | 3.99 | 5.10 | 5.84 | 8.88 | 3.73 | 1.94 | 2.57 | 5.16 | 2.12 | 1.95 | 2.47 | 3.14 |
| IS0091R | manganese | 1.37 | 2.25 | 7.08 | 10.36 | 4.99 | 1.73 | 0.55 | 1.00 | 1.69 | 2.28 | 2.89 | 2.68 | 2.58 |
| LV0010R | manganese | 8.67 | 8.25 | 9.75 | 13.90 | 13.42 | 6.83 | 21.98 | 10.68 | 11.73 | 3.73 | 4.17 | 10.00 | 8.29 |
| LV0016R | manganese | 9.16 | 9.72 | 10.46 | 7.26 | 12.11 | 3.28 | 24.44 | 5.87 | 8.27 | 6.95 | 5.09 | 10.73 | 8.21 |
| PT0001R | manganese | 6.23 | 2.65 | 1.21 | 1.08 | 12.83 | 15.26 | 4.17 | 6.20 | 9.21 | 1.42 | 1.17 | 3.20 | 3.51 |
| PT0003R | manganese | 1.08 | 1.08 | 1.08 | 3.95 | 18.68 | 1.08 | - | 1.08 | 2.23 | 1.98 | 1.28 | 2.67 | 2.05 |
| PT0004R | manganese | 1.93 | 1.08 | 1.08 | 7.96 | - | 2.52 | - | 2.49 | 3.45 | 1.08 | 1.14 | 1.66 | 1.64 |
| PT0010R | manganese | - | - | - | - | - | 1.08 | 1.08 | 3.65 | 1.08 | 1.08 | 1.09 | 1.10 | 1.15 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SE0051R | manganese | 6.50 | 3.00 | 2.30 | 2.70 | 18.50 | 21.40 | 13.90 | 1.50 | 7.40 | 4.20 | 1.20 | 1.60 | 4.85 |
| SE0097R | manganese | 0.80 | 0.80 | 1.30 | 1.60 | 3.40 | 10.90 | 1.80 | 1.40 | 3.60 | 1.10 | 0.70 | 0.60 | 1.48 |
| BE0014R | mercury | 12.56 | 18.35 | 19.90 | 13.13 | 16.96 | 17.40 | 28.42 | 12.59 | 10.99 | 5.47 | 5.97 | 4.12 | 11.97 |
| DE0001R | mercury | 10.72 | 8.33 | 7.69 | 10.44 | 12.52 | 43.10 | 15.40 | 7.27 | 9.62 | 9.61 | 7.13 | 4.51 | 8.58 |
| DE0009R | mercury | 5.69 | 5.89 | 9.61 | 12.03 | 12.97 | 15.99 | 25.54 | 8.24 | 12.43 | 7.57 | 5.92 | 6.73 | 9.78 |
| FI0096G | mercury | - | - | - | 9.50 | 7.20 | 20.40 | 9.60 | 19.50 | 3.70 | 5.40 | 2.50 | 2.90 | 7.30 |
| GB0013R | mercury | - | 4.25 | 3.38 | 4.09 | 2.90 | 6.43 | 8.73 | 7.43 | 4.65 | 1.51 | 1.14 | 2.73 | 3.35 |
| GB0017R | mercury | 6.33 | 4.64 | 3.35 | 4.99 | 6.45 | 12.58 | 3.63 | 1.94 | 1.40 | 4.45 | 5.06 | 5.45 | 3.79 |
| GB0091R | mercury | 4.00 | 4.07 | 3.17 | 2.95 | 4.82 | 4.44 | 7.29 | 4.61 | 3.22 | 1.82 | 3.52 | 4.65 | 3.77 |
| IE0001R | mercury | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 |
| NL0091R | mercury | 9.72 | 7.26 | 8.51 | 13.44 | 14.51 | 16.77 | 30.18 | 8.02 | 16.05 | 7.56 | 4.64 | 5.62 | 9.61 |
| NO0001R | mercury | 7.02 | 8.65 | 6.34 | 10.45 | 12.66 | 13.81 | 6.30 | 9.25 | 6.78 | 7.68 | 8.27 | 5.03 | 8.08 |
| PL0005R | mercury | 10.66 | 47.11 | 23.37 | 11.21 | 10.96 | 16.80 | 15.16 | 9.32 | 8.88 | 6.34 | 6.25 | 11.26 | 11.22 |
| SE0014R | mercury | 14.00 | 12.50 | 12.50 | 20.20 | 16.30 | 14.30 | 16.60 | 8.10 | 9.80 | 6.10 | 5.50 | 6.80 | 10.04 |
| BE0014R | nickel | 1.00 | 1.18 | 0.61 | 2.42 | 0.34 | 0.27 | 0.76 | 0.41 | 0.56 | 0.50 | 0.36 | 0.27 | 0.57 |
| CZ0001R | nickel | 1.36 | 1.15 | 0.79 | 0.54 | 0.45 | 0.50 | 0.45 | 0.31 | 0.35 | 0.47 | 1.00 | 0.89 | 0.56 |
| CZ0003R | nickel | 0.50 | 1.65 | 0.42 | 0.42 | 0.40 | 0.44 | 0.60 | 0.30 | 2.31 | 1.61 | 0.64 | 3.63 | 0.68 |
| DE0001R | nickel | 0.55 | 0.37 | 0.29 | 0.56 | 0.30 | - | 0.50 | 0.16 | 0.36 | 0.37 | 0.39 | 0.33 | 0.34 |
| DE0002R | nickel | 0.29 | 0.29 | 0.19 | 0.40 | 0.39 | 0.53 | 0.32 | 0.30 | 0.30 | 0.23 | 0.23 | 0.43 | 0.32 |
| DE0003R | nickel | - | 0.19 | 0.16 | 0.27 | 0.20 | 0.29 | 0.38 | 0.16 | 0.18 | 0.20 | 0.13 | 0.11 | 0.19 |
| DE0007R | nickel | 0.79 | 0.86 | 0.57 | 0.78 | 0.64 | 0.46 | 1.26 | 0.52 | 0.97 | 0.48 | 0.66 | 0.54 | 0.63 |
| DE0008R | nickel | 0.28 | 0.21 | 0.25 | 0.32 | 0.18 | 0.33 | 0.44 | 0.25 | 0.31 | 0.24 | 0.35 | 1.13 | 0.31 |
| DE0009R | nickel | 0.35 | 0.29 | 0.28 | 0.43 | 0.46 | 0.47 | 0.77 | 0.22 | 0.22 | 0.92 | 0.50 | 0.27 | 0.37 |
| DK0008R | nickel | 0.53 | 0.33 | 0.32 | 0.34 | 0.30 | 0.42 | 0.47 | 0.17 | 0.71 | 0.28 | 0.25 | 0.34 | 0.30 |
| DK0020R | nickel | 1.30 | 0.54 | 0.39 | 0.41 | 0.25 | 1.09 | 0.70 | 0.14 | 0.61 | 0.44 | 0.28 | - | 0.41 |
| DK0022R | nickel | 0.37 | 0.38 | 0.33 | 0.37 | 0.26 | 0.55 | 0.40 | 0.07 | 0.51 | 0.30 | 0.26 | 0.17 | 0.27 |
| DK0031R | nickel | 0.23 | 0.21 | 0.34 | 0.33 | 0.28 | 0.40 | 0.52 | 0.14 | 0.41 | 0.15 | 0.21 | 0.22 | 0.24 |
| ES0008R | nickel | 25.07 | 15.77 | 31.49 | 31.52 | 18.05 | 33.46 | 32.51 | 37.94 | 20.79 | 7.77 | 17.01 | 66.83 | 28.18 |
| ES0009R | nickel | 5.94 | 22.31 | 2.92 | 4.89 | 6.27 | 7.13 | 7.86 | 13.19 | 4.80 | 1.78 | 1.86 | 1.84 | 5.02 |
| FI0008R | nickel | 0.13 | 0.20 | 2.48 | - | 0.41 | 0.18 | 0.18 | 0.66 | 1.30 | 0.58 | 0.18 | 1.36 | 0.53 |
| FI0017R | nickel | 0.83 | 0.63 | 0.92 | 0.29 | 0.41 | 0.31 | 1.11 | 0.22 | 0.24 | 0.12 | 0.24 | 0.31 | 0.28 |
| FI0022R | nickel | 0.25 | 0.20 | 0.83 | 0.18 | 0.21 | 0.55 | 0.18 | 0.23 | 0.10 | 0.22 | 0.86 | 0.06 | 0.25 |
| FI0036R | nickel | 0.08 | 0.16 | 0.25 | - | 0.39 | 0.53 | 0.11 | 0.18 | 0.09 | 0.14 | 0.10 | 0.05 | 0.19 |
| FI0053R | nickel | 1.09 | 0.85 | 1.80 | 0.22 | 0.28 | 0.64 | 0.27 | 0.79 | 0.11 | 0.43 | 0.13 | 0.17 | 0.29 |
| FI0092R | nickel | 0.13 | 0.39 | 0.27 | 0.21 | 0.17 | 0.23 | 0.19 | 0.13 | 0.15 | 0.13 | 0.12 | 0.15 | 0.17 |
| FI0093R | nickel | 0.26 | 0.46 | 0.86 | 0.38 | 0.18 | 0.28 | 0.27 | 0.16 | 0.16 | 0.08 | 0.24 | 0.17 | 0.22 |
| FR0090R | nickel | 0.59 | 0.11 | 0.16 | 0.33 | 0.43 | 0.42 | 0.97 | 0.48 | 0.30 | 0.40 | 0.24 | 0.21 | 0.31 |
| GB0006R | nickel | 0.44 | 0.07 | 0.14 | 0.49 | 0.10 | 0.11 | 0.14 | 0.18 | 0.07 | 0.04 | 0.01 | 0.01 | 0.13 |
| GB0013R | nickel | 0.50 | 0.26 | 0.27 | 0.51 | 0.67 | 0.39 | 0.36 | 0.37 | 0.37 | 0.22 | 0.17 | 0.16 | 0.31 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GB0017R | nickel | 0.44 | 0.40 | 1.09 | 1.08 | 0.48 | 0.32 | 0.25 | 0.25 | 0.41 | 0.41 | 0.32 | 0.33 | 0.43 |
| GB0091R | nickel | 0.56 | 0.74 | 0.36 | 0.35 | 0.26 | 0.25 | 0.32 | 0.35 | 0.10 | 0.20 | 0.19 | 0.08 | 0.30 |
| IE0001R | nickel | 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 |
| IS0090R | nickel | 0.75 | 1.72 | 0.59 | 0.61 | 0.80 | 0.33 | 0.53 | 0.45 | 0.24 | 1.00 | 0.73 | 0.50 | 0.74 |
| IS0091R | nickel | 0.85 | 1.18 | 1.78 | 1.49 | 0.79 | 0.34 | 0.99 | 0.97 | 1.48 | 1.51 | 0.52 | 0.30 | 0.97 |
| LT0015R | nickel | 0.62 | 4.05 | 1.92 | 3.27 | 4.16 | 3.79 | 1.27 | 2.54 | 1.72 | 1.37 | 1.83 | 1.86 | 2.02 |
| LV0010R | nickel | 0.90 | 3.29 | 1.62 | 1.33 | 2.65 | 2.88 | 4.86 | 2.57 | 1.68 | 1.95 | 1.90 | 1.05 | 2.02 |
| LV0016R | nickel | 1.50 | 1.78 | 1.04 | 1.34 | 1.36 | 1.93 | 5.05 | 2.14 | 3.15 | 1.67 | 2.80 | 1.06 | 2.04 |
| NL0009R | nickel | 0.39 | 0.39 | 0.29 | 0.87 | 0.64 | 0.55 | 0.60 | 0.23 | 0.38 | 0.23 | 0.21 | 0.24 | 0.36 |
| NL0091R | nickel | 0.60 | 0.23 | 0.21 | 0.44 | 0.22 | 0.46 | 0.21 | 0.21 | 0.24 | 0.21 | 0.25 | 0.52 | 0.28 |
| NO0001R | nickel | 0.33 | 0.17 | 0.18 | 0.37 | 0.33 | 0.10 | 0.18 | 0.11 | 0.21 | 0.11 | 0.24 | 0.12 | 0.20 |
| NO0047R | nickel | 2.42 | 8.60 | 8.84 | 149.54 | 59.41 | 47.25 | 9.58 | 47.79 | 49.74 | 6.86 | 9.72 | 153.66 | 33.36 |
| PL0004R | nickel | 0.10 | 0.18 | 0.44 | 0.25 | 0.30 | 0.48 | 0.76 | 0.19 | 0.27 | 0.31 | 0.20 | - | 0.28 |
| PL0005R | nickel | 0.84 | 0.77 | 1.95 | 2.54 | 1.36 | 0.96 | 0.64 | 0.67 | 0.63 | 0.61 | 0.73 | 1.00 | 0.84 |
| PT0001R | nickel | 0.78 | 1.83 | 0.78 | 3.96 | 2.57 | 2.98 | 0.78 | 0.78 | 0.78 | 0.78 | 0.87 | 1.62 | 1.11 |
| PT0003R | nickel | 0.78 | 0.78 | 0.78 | 5.64 | 5.76 | 2.33 | - | 0.78 | 0.78 | 0.78 | 0.87 | 1.63 | 1.30 |
| PT0004R | nickel | 0.78 | 0.78 | 0.99 | 1.85 | - | 4.00 | - | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 0.98 |
| PT0010R | nickel | - | - | - | - | - | 1.74 | 1.22 | 3.87 | 1.41 | 0.78 | 0.78 | 1.59 | 1.19 |
| SE0051R | nickel | 0.67 | - | 0.14 | 0.18 | 0.28 | 0.25 | 0.30 | 0.10 | 0.15 | 0.17 | 0.26 | 0.23 | 0.20 |
| SE0097R | nickel | 0.21 | 0.31 | 0.38 | 0.27 | 0.31 | 0.70 | 0.07 | 0.14 | 0.47 | 0.16 | 0.16 | 0.16 | 0.21 |
| SK0002R | nickel | 0.30 | 0.05 | 0.05 | 0.32 | 0.05 | 0.83 | 0.82 | 0.99 | - | 1.34 | 1.28 | - | 0.61 |
| SK0004R | nickel | 0.08 | 0.09 | 0.07 | 0.39 | 0.76 | - | - | - | - | - | - | - | - |
| SK0005R | nickel | - | 0.07 | 0.92 | 0.18 | 0.05 | 0.97 | 1.20 | 2.31 | 1.52 | 1.77 | 2.58 | 4.05 | 1.29 |
| SK0006R | nickel | 0.07 | 0.06 | 0.05 | 1.31 | 0.05 | - | - | - | - | - | - | - | - |
| SK0007R | nickel | 0.20 | 4.06 | 0.12 | 0.92 | 0.43 | - | - | - | - | - | - | - | - |
| | | | | | | | | | | | | | | |
| DE0002R | selenium | 0.19 | 0.16 | 0.14 | 0.26 | 0.15 | 0.23 | 0.11 | 0.19 | 0.14 | 0.18 | 0.17 | 0.17 | 0.18 |
| DE0003R | selenium | 0.12 | 0.04 | 0.04 | 0.14 | 0.08 | 0.16 | 0.12 | 0.06 | 0.14 | 0.12 | 0.06 | 0.06 | 0.09 |
| DE0007R | selenium | 0.14 | 0.10 | 0.16 | 0.27 | 0.05 | 0.01 | 0.34 | 0.09 | 0.12 | 0.13 | 0.13 | 0.20 | 0.12 |
| DE0008R | selenium | 0.17 | 0.23 | 0.14 | 0.20 | 0.09 | 0.10 | 0.29 | 0.20 | 0.20 | 0.20 | 0.16 | 0.18 | 0.17 |
| | | | | | | | | | | | | | | |
| DE0002R | strontium | 0.35 | 1.09 | 0.41 | 0.95 | 0.88 | 2.18 | 0.36 | 0.43 | 1.27 | 0.70 | 1.24 | 0.89 | 0.82 |
| DE0003R | strontium | 0.80 | 0.42 | 0.35 | 0.55 | 0.52 | 1.80 | 0.88 | 0.18 | 0.22 | 0.42 | 0.35 | 0.54 | 0.45 |
| DE0007R | strontium | 0.40 | 0.35 | 0.67 | 1.22 | 0.94 | 0.96 | 1.91 | 0.53 | 0.57 | 1.41 | 1.38 | 1.11 | 0.89 |
| DE0008R | strontium | 0.32 | 0.29 | 0.63 | 0.81 | 0.43 | 1.87 | 1.41 | 0.82 | 0.98 | 0.61 | 1.13 | 0.98 | 0.79 |
| | | | | | | | | | | | | | | |
| DE0002R | thallium | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 |
| DE0003R | thallium | 0.01 | 0.01 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 |
| DE0007R | thallium | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.00 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| DE0008R | thallium | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DE0001R | vanadium | 1.01 | 0.77 | 0.60 | 1.16 | 0.47 | - | 0.60 | 0.22 | 0.66 | 0.75 | 0.93 | 0.73 | 0.66 |
| DE0002R | vanadium | 0.42 | 0.52 | 0.34 | 0.63 | 0.61 | 0.76 | 0.45 | 0.38 | 0.47 | 0.41 | 0.28 | 0.26 | 0.45 |
| DE0003R | vanadium | 0.36 | 0.22 | 0.16 | 0.39 | 0.19 | 0.46 | 0.35 | 0.18 | 0.37 | 0.26 | 0.17 | 0.17 | 0.25 |
| DE0007R | vanadium | 0.35 | 0.37 | 0.42 | 0.60 | 0.39 | 0.45 | 1.11 | 0.26 | 0.39 | 0.36 | 0.24 | 0.30 | 0.38 |
| DE0008R | vanadium | 0.40 | 0.33 | 0.19 | 0.37 | 0.20 | 0.40 | 0.44 | 0.28 | 0.29 | 0.28 | 0.34 | 0.31 | 0.30 |
| FI0008R | vanadium | 0.16 | 0.24 | 0.38 | - | 0.21 | 0.19 | 0.10 | 0.13 | 0.09 | 0.11 | 0.08 | 0.20 | 0.15 |
| FI0017R | vanadium | 2.00 | 1.79 | 1.62 | 0.73 | 0.74 | 0.42 | 0.64 | 0.43 | 0.48 | 0.33 | 0.72 | 0.76 | 0.62 |
| FI0022R | vanadium | 0.20 | 0.34 | 0.93 | 0.41 | 0.32 | 0.68 | 0.20 | 0.24 | 0.11 | 0.17 | 0.21 | 0.13 | 0.24 |
| FI0036R | vanadium | 0.13 | 0.23 | 0.30 | - | 0.38 | 0.37 | 0.17 | 0.17 | 0.08 | 0.11 | 0.13 | 0.17 | 0.20 |
| FI0053R | vanadium | 1.15 | 3.78 | 3.42 | 0.62 | 0.52 | 2.91 | 0.54 | 1.10 | 0.28 | 0.27 | 0.34 | 0.59 | 0.59 |
| FI0092R | vanadium | 0.30 | 0.62 | 0.44 | 0.47 | 0.29 | 0.40 | 0.23 | 0.25 | 0.31 | 0.14 | 0.26 | 0.34 | 0.30 |
| FI0093R | vanadium | 0.60 | 0.72 | 0.85 | 0.70 | 0.35 | 0.52 | 0.33 | 0.22 | 0.29 | 0.20 | 0.36 | 0.46 | 0.38 |
| IE0001R | vanadium | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 2.20 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.55 |
| IS0090R | vanadium | 1.23 | 1.19 | 0.84 | 1.51 | 1.54 | 0.85 | 0.65 | 0.79 | 1.05 | 0.48 | 3.58 | 2.65 | 1.33 |
| IS0091R | vanadium | 0.33 | 0.52 | 1.67 | 1.88 | 1.04 | 0.50 | 0.14 | 0.16 | 0.36 | 0.62 | 0.64 | 0.55 | 0.57 |
| NO0001R | vanadium | 0.85 | 0.79 | 0.67 | 0.94 | 0.80 | 1.12 | 0.87 | 0.35 | 0.56 | 0.56 | 1.04 | 0.84 | 0.76 |
| SE0051R | vanadium | 0.93 | 0.69 | 0.71 | 0.96 | 0.80 | 0.67 | 0.77 | 0.25 | 0.55 | 0.59 | 0.61 | 0.58 | 0.58 |
| SE0097R | vanadium | 0.88 | 0.66 | 1.15 | 1.29 | 0.70 | 0.86 | 0.41 | 0.39 | 0.67 | 0.61 | 0.70 | 0.65 | 0.71 |
| BE0014R | zinc | 27.26 | 8.77 | 9.67 | 12.91 | 11.31 | 8.14 | 20.92 | 6.77 | 14.35 | 14.69 | 6.93 | 5.26 | 10.41 |
| DE0001R | zinc | 9.49 | 5.89 | 6.84 | 8.17 | 5.09 | - | 9.66 | 2.35 | 6.74 | 7.65 | 7.94 | 7.54 | 6.40 |
| DE0002R | zinc | 7.08 | 7.78 | 8.48 | 11.36 | 11.21 | 7.69 | 2.80 | 6.59 | 5.69 | 5.11 | 5.79 | 6.90 | 7.52 |
| DE0003R | zinc | 7.45 | 7.75 | 4.94 | 10.23 | 5.12 | 5.57 | 6.59 | 4.60 | 5.55 | 4.12 | 3.73 | 5.40 | 5.45 |
| DE0007R | zinc | 6.49 | 8.55 | 11.03 | 14.96 | 13.98 | 6.08 | 8.00 | 4.66 | 4.03 | 8.51 | 10.92 | 11.36 | 8.80 |
| DE0008R | zinc | 9.06 | 4.94 | 6.36 | 7.88 | 5.71 | 6.16 | 7.45 | 6.05 | 5.78 | 25.41 | 11.31 | 10.22 | 9.34 |
| DE0009R | zinc | 8.24 | 4.05 | 11.24 | 17.56 | 10.33 | 10.70 | 25.34 | 4.57 | 4.76 | 12.68 | 7.06 | 9.24 | 8.44 |
| DK0008R | zinc | 25.28 | 10.38 | 10.18 | 7.00 | 23.70 | 10.63 | 7.61 | 2.88 | 14.82 | 10.39 | 9.93 | 12.04 | 9.02 |
| DK0020R | zinc | 33.36 | 17.33 | 11.69 | 14.30 | 5.63 | 47.43 | 14.22 | 4.73 | 11.94 | 8.39 | 4.84 | - | 10.69 |
| DK0022R | zinc | 8.63 | 8.68 | 7.02 | 5.82 | 5.32 | 36.98 | 17.99 | 5.16 | 9.51 | 6.88 | 8.61 | 3.74 | 7.27 |
| DK0031R | zinc | 6.00 | 4.20 | 11.51 | 5.52 | 5.63 | 9.48 | 9.60 | 4.74 | 16.19 | 5.49 | 4.23 | - | 6.60 |
| EE0011R | zinc | - | 16.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 13.00 | 11.00 | 14.00 | 9.38 |
| ES0008R | zinc | 149.17 | 76.75 | 98.46 | 50.28 | 83.13 | 153.74 | 69.17 | 91.41 | 55.89 | 181.50 | 29.06 | 44.21 | 82.05 |
| FI0008R | zinc | 3.74 | 2.90 | 5.01 | - | 1.30 | 2.62 | 0.81 | 1.13 | 1.63 | 0.53 | 1.61 | 1.32 | 1.57 |
| FI0017R | zinc | 19.62 | 8.57 | 17.26 | 7.83 | 19.89 | 6.29 | 13.81 | 6.61 | 4.30 | 4.18 | 7.34 | 5.13 | 7.08 |
| FI0022R | zinc | 1.44 | 4.30 | 3.62 | 2.38 | 2.75 | 6.79 | 2.73 | 9.71 | 1.21 | 2.80 | 3.52 | 1.46 | 2.78 |
| FI0036R | zinc | 1.43 | 2.94 | 2.70 | - | 2.42 | 3.16 | 1.84 | 3.22 | 1.07 | 4.44 | 0.99 | 0.71 | 2.17 |
| FI0053R | zinc | 24.19 | 12.89 | 14.04 | 3.17 | 2.90 | 15.31 | 18.68 | 10.89 | 1.90 | 2.32 | 2.63 | 4.24 | 4.67 |
| FI0092R | zinc | 1.51 | 3.16 | 4.31 | 3.68 | 4.37 | 4.34 | 1.57 | 3.69 | 4.22 | 6.84 | 3.23 | 2.29 | 3.90 |
| FI0093R | zinc | 3.36 | 6.85 | 6.25 | 4.02 | 4.39 | 5.39 | 1.86 | 3.71 | 2.02 | 2.00 | 3.68 | 3.37 | 3.34 |
| FR0090R | zinc | 2.80 | 2.32 | 3.30 | 4.90 | 4.20 | 7.30 | 2.20 | 2.20 | 2.00 | 1.50 | 1.30 | 1.20 | 2.52 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GB0006R | zinc | 1.30 | 1.10 | 1.28 | 1.21 | 1.53 | 1.37 | 2.65 | 4.43 | 1.16 | 2.00 | 0.54 | 0.50 | 1.58 |
| GB0013R | zinc | 6.09 | 2.90 | 2.18 | 3.34 | 4.99 | 5.51 | 4.56 | 3.53 | 6.99 | 3.64 | 1.50 | 1.13 | 3.25 |
| GB0017R | zinc | 5.73 | 4.65 | 6.50 | 8.95 | 9.33 | 8.02 | 4.19 | 4.19 | 10.50 | 10.50 | 5.65 | 4.75 | 6.08 |
| GB0091R | zinc | 5.63 | 4.85 | 5.83 | 2.70 | 10.48 | 6.40 | 5.04 | 2.27 | 2.94 | 4.46 | 1.46 | 1.94 | 4.44 |
| IE0001R | zinc | 18.20 | 12.00 | 10.70 | 0.50 | 4.80 | 16.30 | 7.90 | 0.50 | 4.70 | 6.50 | 11.40 | 5.40 | 8.04 |
| IS0090R | zinc | 1.18 | 4.08 | 5.07 | 8.16 | 9.61 | 4.37 | 5.12 | 4.93 | 4.71 | 3.71 | 4.31 | 2.04 | 4.18 |
| IS0091R | zinc | 10.66 | 9.73 | 11.50 | 10.04 | 9.62 | 7.52 | 12.85 | 9.39 | 3.95 | 5.31 | 5.38 | 8.61 | 8.08 |
| IT0001R | zinc | 13.86 | 12.74 | 73.77 | 7.95 | 11.99 | 6.46 | 39.68 | 0.15 | 33.49 | - | 33.89 | 28.98 | 26.71 |
| LT0015R | zinc | 19.83 | 53.83 | 129.19 | 279.26 | 269.01 | 154.24 | 33.73 | 34.05 | 23.70 | 31.93 | 52.76 | 33.55 | 67.55 |
| LV0010R | zinc | 29.17 | 53.27 | 20.29 | 38.10 | 19.12 | 22.49 | 69.90 | 67.26 | 25.21 | 18.59 | 19.22 | 26.05 | 31.10 |
| LV0016R | zinc | 32.90 | 21.61 | 26.75 | 26.34 | 35.00 | 13.97 | 56.77 | 17.98 | 22.13 | 24.77 | 29.88 | 45.16 | 28.65 |
| NL0009R | zinc | 8.33 | 8.63 | 5.95 | 12.36 | 11.84 | 13.72 | 8.01 | 3.19 | 5.78 | 6.50 | 3.77 | 6.65 | 6.71 |
| NL0091R | zinc | 6.94 | 3.07 | 4.83 | 6.99 | 2.13 | 8.03 | 4.35 | 2.61 | 2.69 | 2.98 | 4.71 | 6.03 | 3.98 |
| NO0001R | zinc | 7.29 | 6.31 | 4.01 | 4.51 | 2.74 | 3.32 | 3.16 | 1.55 | 3.04 | 1.77 | 2.96 | 1.54 | 3.37 |
| NO0039R | zinc | 1.96 | 0.67 | 0.46 | 1.85 | 6.20 | 6.17 | 2.78 | 2.58 | 0.65 | 1.82 | 1.85 | 0.68 | 1.92 |
| NO0047R | zinc | 9.12 | 4.31 | 2.42 | 11.53 | 6.02 | 3.19 | 18.22 | 10.64 | 5.87 | 2.82 | 2.12 | 4.80 | 8.47 |
| NO0055R | zinc | 4.70 | 4.44 | 5.69 | 5.48 | 5.08 | 1.74 | 1.49 | 2.65 | 2.33 | 4.25 | 3.19 | 2.07 | 2.77 |
| NO0056R | zinc | 22.38 | 10.37 | 28.68 | 14.16 | 5.13 | 3.21 | 6.36 | 3.71 | 10.30 | 6.51 | 5.29 | 7.45 | 8.36 |
| PL0004R | zinc | 9.76 | - | 12.20 | 10.27 | 7.63 | 3.34 | 6.33 | 1.82 | 1.79 | - | - | - | 5.41 |
| PL0005R | zinc | 4.60 | 22.79 | 11.79 | 11.79 | 5.96 | 7.11 | 8.10 | 2.48 | 2.56 | 3.95 | 7.18 | 7.54 | 5.46 |
| PT0001R | zinc | 15.00 | 305.26 | 38.37 | 16.68 | 20.00 | 18.51 | 10.00 | 50.00 | 9.26 | 3.73 | 64.10 | 100.00 | 41.95 |
| PT0003R | zinc | 24.35 | 89.42 | 52.90 | 20.53 | 54.35 | 1.00 | - | 40.00 | 21.89 | 5.44 | 60.33 | 62.09 | 39.46 |
| PT0004R | zinc | 5.36 | 47.28 | 14.63 | 31.65 | - | 20.00 | - | 13.74 | 13.02 | 1.47 | 21.56 | 36.34 | 16.23 |
| PT0010R | zinc | - | - | - | - | - | 10.00 | 15.44 | 60.00 | 16.91 | 15.73 | 71.55 | 68.10 | 38.96 |
| SE0051R | zinc | 10.88 | 14.73 | 4.60 | 5.29 | 7.40 | 15.69 | 13.30 | 2.47 | 9.12 | 5.34 | 6.30 | 6.07 | 6.65 |
| SE0097R | zinc | 4.59 | 9.32 | 8.97 | 5.37 | 8.27 | 16.15 | 6.44 | 3.89 | 10.14 | 4.15 | 2.30 | 2.16 | 5.00 |
| SK0002R | zinc | 18.04 | 35.18 | 31.88 | 19.23 | 32.11 | 20.04 | 34.22 | 38.45 | - | 50.24 | 54.29 | - | 33.49 |
| SK0004R | zinc | 12.56 | 7.62 | 8.14 | 15.75 | 10.62 | - | - | - | - | - | - | - | - |
| SK0005R | zinc | - | 10.62 | 8.11 | 29.88 | 6.08 | 13.56 | - | 9.27 | 9.03 | 11.78 | 8.59 | - | 11.23 |
| SK0006R | zinc | 7.50 | 14.83 | 13.45 | 11.16 | 3.04 | - | - | - | - | - | - | - | - |
| SK0007R | zinc | 6.22 | 14.82 | 7.16 | 12.12 | 3.06 | - | - | - | - | - | - | - | - |
| BE0014R | precip, mm (HM) | 26.49 | 53.33 | 30.53 | 35.38 | 120.09 | 56.54 | 25.69 | 138.25 | 42.06 | 74.42 | 84.38 | 67.89 | 755.05 |
| BE0014R | precip, mm (Hg) | 16.47 | 90.72 | 4.37 | 32.36 | 138.45 | 40.47 | 58.07 | 208.29 | 78.61 | 129.16 | 140.10 | 114.66 | 1051.73 |
| CZ0001R | precip, mm | 29.00 | 49.66 | 74.37 | 114.31 | 120.50 | 65.29 | 82.39 | 256.97 | 31.87 | 52.84 | 62.10 | 22.21 | 961.48 |
| CZ0003R | precip, mm | 36.87 | 38.00 | 70.93 | 83.26 | 77.74 | 82.69 | 67.46 | 94.31 | 7.36 | 23.37 | 37.03 | 18.79 | 638.01 |
| DE0001R | precip, mm (HM) | 25.96 | 34.90 | 34.61 | 38.96 | 66.77 | 0.00 | 32.20 | 145.56 | 40.07 | 95.84 | 136.44 | 104.91 | 755.24 |
| DE0001R | precip, mm (Hg) | 21.24 | 28.46 | 29.39 | 33.64 | 64.34 | 0.43 | 33.80 | 142.87 | 40.53 | 91.73 | 125.26 | 88.74 | 699.91 |
| DE0002R | precip, mm | 19.29 | 26.84 | 59.30 | 47.81 | 65.44 | 32.86 | 29.40 | 114.93 | 20.59 | 39.99 | 52.26 | 33.89 | 542.02 |
| DE0003R | precip, mm | 31.50 | 87.54 | 217.34 | 112.41 | 242.26 | 80.81 | 64.53 | 360.26 | 260.11 | 143.81 | 123.50 | 127.53 | 1850.49 |
| DE0007R | precip, mm | 17.23 | 40.54 | 33.44 | 43.50 | 40.52 | 67.13 | 19.29 | 92.83 | 13.37 | 34.73 | 42.47 | 21.10 | 466.19 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DE0008R | precip, mm | 34.80 | 74.03 | 130.60 | 141.27 | 162.69 | 54.43 | 56.41 | 178.06 | 53.59 | 131.90 | 97.83 | 66.03 | 1180.97 |
| DE0009R | precip, mm (HM) | 24.16 | 38.56 | 51.51 | 29.41 | 56.96 | 35.50 | 20.70 | 170.47 | 50.03 | 31.31 | 61.21 | 42.08 | 612.04 |
| DE0009R | precip, mm (Hg) | 24.21 | 34.53 | 46.97 | 24.46 | 57.96 | 37.14 | 21.19 | 170.54 | 52.87 | 31.97 | 60.13 | 40.51 | 602.77 |
| DK0008R | precip, mm | 18.66 | 48.56 | 43.70 | 34.78 | 34.18 | 34.84 | 49.97 | 224.80 | 24.42 | 70.68 | 82.39 | 76.23 | 743.22 |
| DK0020R | precip, mm | 15.21 | 46.29 | 47.71 | 31.64 | 51.68 | 12.63 | 26.25 | 109.94 | 57.49 | 69.98 | 62.29 | 0.00 | 531.63 |
| DK0022R | precip, mm | 32.86 | 26.57 | 49.78 | 79.22 | 99.25 | 22.18 | 29.65 | 120.44 | 37.77 | 159.87 | 62.25 | 166.61 | 886.43 |
| DK0031R | precip, mm | 47.94 | 61.72 | 45.46 | 73.95 | 76.24 | 27.54 | 33.52 | 94.72 | 75.15 | 203.07 | 170.57 | 147.58 | 1057.47 |
| EE0009R | precip, mm | 9.80 | 24.80 | 37.90 | 15.90 | 33.10 | 23.60 | 0.50 | 65.40 | 13.50 | 109.60 | 48.50 | 61.80 | 443.74 |
| EE0011R | precip, mm | 0.00 | 30.90 | 21.80 | 44.20 | 32.70 | 32.00 | 30.20 | 35.80 | 27.30 | 111.70 | 96.30 | 47.40 | 509.79 |
| ES0008R | precip, mm | 54.22 | 104.92 | 32.24 | 112.76 | 26.78 | 34.82 | 60.88 | 23.11 | 72.41 | 105.93 | 115.85 | 118.64 | 862.52 |
| FI0008R | precip, mm | 7.00 | 8.50 | 3.30 | 0.00 | 22.40 | 45.70 | 49.50 | 25.20 | 15.80 | 25.00 | 24.30 | 32.90 | 259.34 |
| FI0017R | precip, mm | 9.90 | 10.50 | 24.50 | 23.70 | 21.90 | 21.40 | 7.60 | 36.00 | 26.70 | 188.10 | 53.90 | 50.40 | 474.19 |
| FI0022R | precip, mm | 32.20 | 16.90 | 8.20 | 32.50 | 71.80 | 16.40 | 33.70 | 19.40 | 64.90 | 46.00 | 38.80 | 78.60 | 458.77 |
| FI0036R | precip, mm | 16.90 | 16.20 | 16.00 | 0.00 | 65.10 | 48.20 | 43.40 | 56.50 | 72.50 | 46.50 | 73.40 | 40.80 | 495.17 |
| FI0053R | precip, mm | 5.70 | 6.70 | 4.30 | 28.20 | 54.60 | 1.90 | 15.60 | 5.10 | 35.80 | 47.40 | 53.00 | 48.30 | 306.21 |
| FI0092R | precip, mm | 33.30 | 11.80 | 29.40 | 33.10 | 55.00 | 40.20 | 28.90 | 33.20 | 59.50 | 100.20 | 46.80 | 105.80 | 576.35 |
| FI0093R | precip, mm | 22.80 | 19.40 | 29.70 | 37.50 | 47.90 | 30.10 | 24.10 | 39.70 | 66.60 | 156.50 | 67.70 | 66.80 | 608.26 |
| FI0096G | precip, mm | 0.00 | 0.00 | 0.00 | 16.90 | 38.20 | 35.90 | 36.20 | 8.00 | 95.10 | 40.40 | 35.60 | 21.60 | 327.90 |
| FR0090R | precip, mm | 47.70 | 204.30 | 8.20 | 85.10 | 37.40 | 51.10 | 17.00 | 63.80 | 20.90 | 119.10 | 187.20 | 76.60 | 917.37 |
| GB0006R | precip, mm | 99.44 | 86.31 | 165.80 | 97.69 | 149.38 | 56.93 | 67.86 | 131.88 | 125.50 | 143.73 | 220.11 | 59.42 | 1405.22 |
| GB0013R | precip, mm (HM) | 23.12 | 79.10 | 130.11 | 33.29 | 120.10 | 61.76 | 36.54 | 35.54 | 53.00 | 180.36 | 160.04 | 148.64 | 1058.36 |
| GB0013R | precip, mm (Hg) | 42.14 | 61.95 | 113.19 | 60.52 | 88.22 | 81.32 | 40.47 | 5.88 | 29.64 | 65.81 | 170.09 | 137.87 | 895.31 |
| GB0017R | precip, mm (HM) | 18.46 | 41.39 | 30.18 | 24.26 | 41.89 | 35.73 | 64.67 | 95.92 | 116.51 | 25.07 | 36.75 | 32.02 | 562.82 |
| GB0017R | precip, mm (Hg) | 10.37 | 31.00 | 21.06 | 24.55 | 31.00 | 17.86 | 53.78 | 81.36 | 92.91 | 29.65 | 31.65 | 6.78 | 432.24 |
| GB0091R | precip, mm (HM) | 27.62 | 40.03 | 106.46 | 25.91 | 66.31 | 39.70 | 40.24 | 51.87 | 47.17 | 119.03 | 63.70 | 22.90 | 651.44 |
| GB0091R | precip, mm (Hg) | 34.45 | 41.66 | 75.03 | 58.99 | 47.03 | 51.97 | 40.46 | 53.27 | 53.48 | 105.81 | 66.39 | 57.73 | 686.09 |
| IE0001R | precip, mm | 145.00 | 87.00 | 149.00 | 79.00 | 201.00 | 48.00 | 102.00 | 53.00 | 264.00 | 171.00 | 233.00 | 225.00 | 1754.28 |
| IS0090R | precip, mm | 133.96 | 98.20 | 58.40 | 63.80 | 28.08 | 58.23 | 91.80 | 54.00 | 74.71 | 128.39 | 82.70 | 79.69 | 951.94 |
| IS0091R | precip, mm | 192.70 | 113.57 | 61.82 | 101.15 | 175.57 | 218.35 | 249.56 | 181.78 | 307.52 | 256.94 | 287.32 | 175.26 | 2321.54 |
| IT0001R | precip, mm | 40.90 | 63.80 | 55.40 | 9.00 | 44.90 | 58.20 | 46.60 | 7.90 | 3.40 | 0.00 | 45.20 | 33.60 | 408.90 |
| LT0015R | precip, mm | 1.80 | 11.80 | 19.37 | 13.00 | 28.41 | 10.81 | 29.06 | 18.94 | 39.16 | 95.14 | 101.70 | 63.31 | 431.99 |
| LV0010R | precip, mm | 7.13 | 25.00 | 33.43 | 21.97 | 34.81 | 29.03 | 9.36 | 97.99 | 55.73 | 132.09 | 97.63 | 82.87 | 627.03 |
| LV0016R | precip, mm | 16.90 | 27.00 | 30.86 | 15.24 | 41.00 | 22.90 | 10.31 | 101.29 | 80.16 | 120.94 | 81.03 | 75.07 | 622.70 |
| NL0009R | precip, mm | 18.75 | 23.30 | 48.79 | 45.13 | 57.79 | 44.12 | 44.19 | 181.27 | 56.41 | 89.95 | 83.00 | 62.19 | 754.73 |
| NL0091R | precip, mm (HM) | 14.35 | 52.40 | 66.66 | 45.96 | 84.27 | 37.93 | 39.11 | 184.34 | 88.48 | 106.30 | 114.11 | 90.51 | 924.30 |
| NL0091R | precip, mm (Hg) | 13.91 | 49.20 | 58.33 | 38.87 | 76.30 | 29.80 | 27.90 | 152.57 | 15.13 | 76.00 | 99.19 | 79.86 | 717.00 |
| NO0001R | precip, mm (HM) | 180.49 | 179.08 | 69.54 | 104.85 | 98.60 | 37.86 | 48.63 | 237.22 | 143.79 | 172.99 | 280.92 | 262.39 | 1816.36 |
| NO0001R | precip, mm (Hg) | 167.00 | 187.50 | 70.70 | 107.30 | 122.40 | 38.80 | 48.70 | 216.00 | 125.70 | 242.50 | 259.30 | 252.90 | 1838.80 |
| NO0039R | precip, mm | 38.03 | 185.70 | 102.26 | 51.99 | 103.25 | 56.31 | 102.93 | 39.20 | 176.17 | 97.83 | 123.47 | 135.44 | 1212.58 |
| NO0047R | precip, mm | 8.28 | 8.86 | 22.90 | 10.00 | 34.46 | 53.80 | 117.20 | 24.24 | 30.58 | 69.65 | 22.01 | 21.02 | 423.00 |

| Site | Comp | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO0055R | precip, mm | 19.33 | 11.27 | 1.94 | 13.18 | 22.14 | 76.79 | 69.23 | 28.12 | 35.90 | 25.74 | 38.70 | 20.55 | 362.89 |
| NO0056R | precip, mm | 35.42 | 73.66 | 46.56 | 76.52 | 84.74 | 84.24 | 47.42 | 99.40 | 75.45 | 168.44 | 164.87 | 106.77 | 1063.49 |
| PL0004R | precip, mm | 7.00 | 26.10 | 21.30 | 67.00 | 60.60 | 38.50 | 13.80 | 108.20 | 50.00 | 69.60 | 75.50 | 0.00 | 537.60 |
| PL0005R | precip, mm | 12.26 | 15.14 | 5.17 | 14.06 | 42.03 | 32.99 | 32.26 | 150.31 | 71.60 | 36.17 | 49.13 | 43.79 | 504.44 |
| SE0014R | precip, mm | 16.00 | 20.10 | 23.20 | 43.50 | 40.40 | 28.80 | 34.70 | 101.20 | 39.20 | 110.60 | 86.30 | 56.70 | 600.70 |
| SE0051R | precip, mm | 23.00 | 45.00 | 29.00 | 51.00 | 68.00 | 18.00 | 21.00 | 170.00 | 123.00 | 128.00 | 138.00 | 108.00 | 921.13 |
| SE0097R | precip, mm | 81.00 | 40.00 | 53.00 | 136.00 | 92.00 | 10.00 | 122.00 | 129.00 | 95.00 | 196.00 | 200.00 | 223.00 | 1375.20 |
| SK0002R | precip, mm | 23.30 | 32.80 | 69.20 | 44.70 | 118.10 | 94.10 | 31.30 | 139.00 | 23.90 | 39.80 | 53.00 | 17.30 | 686.31 |
| SK0004R | precip, mm | 23.00 | 17.60 | 45.30 | 29.50 | 73.30 | 164.60 | 19.00 | 130.20 | 23.00 | 37.70 | 37.00 | 3.30 | 603.47 |
| SK0005R | precip, mm | 0.70 | 20.70 | 49.70 | 30.90 | 69.30 | 133.50 | 17.80 | 70.00 | 23.40 | 38.30 | 74.40 | 7.10 | 535.72 |
| SK0006R | precip, mm | 13.00 | 38.80 | 72.20 | 82.30 | 155.10 | 90.70 | 22.00 | 180.10 | 14.20 | 27.40 | 30.40 | 22.70 | 748.66 |
| SK0007R | precip, mm | 58.00 | 24.00 | 34.00 | 45.00 | 91.00 | 57.00 | 11.00 | 83.00 | 39.00 | 29.00 | 27.00 | 5.00 | 502.95 |
| HU0002R | precip, mm | 17.30 | 45.70 | 43.20 | 39.50 | 40.50 | 107.60 | 18.80 | 71.20 | 5.50 | 28.40 | 23.80 | 4.00 | 445.46 |
| PT0001R | precip, mm | 36.30 | 51.30 | 105.00 | 35.20 | 36.90 | 31.70 | 57.40 | 15.90 | 66.50 | 213.40 | 150.70 | 30.20 | 830.50 |
| PT0003R | precip, mm | 64.80 | 102.60 | 73.20 | 95.90 | 11.70 | 25.20 | 5.00 | 19.50 | 172.20 | 298.80 | 308.70 | 166.70 | 1344.30 |
| PT0004R | precip, mm | 51.60 | 73.20 | 90.50 | 23.70 | 0.00 | 44.10 | 0.00 | 19.80 | 81.20 | 241.90 | 231.90 | 45.40 | 903.30 |
| PT0010R | precip, mm | 45.84 | 170.50 | 192.71 | 141.53 | 75.60 | 40.63 | 19.11 | 18.26 | 116.27 | 165.09 | 100.39 | 114.01 | 1200.17 |

# 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 | 32.81 | 13.86 | 49.36 | 54.17 | 191.29 | 156.08 | 205.25 | 49.73 | 237.78 | 40.29 | 1.99 | 3.56 | 88.49 |
| DK0005R | aluminium | aerosol | 50.26 | 26.73 | 65.66 | 59.12 | 157.57 | 78.25 | 142.43 | 58.11 | 199.04 | 67.77 | 0.99 | -8.23 | 77.82 |
| DK0008R | aluminium | aerosol | 34.96 | 15.52 | 45.19 | 48.55 | 129.36 | 72.89 | 130.49 | 32.63 | 164.02 | 15.17 | 2.99 | 6.17 | 58.16 |
| DK0031R | aluminium | aerosol | 35.36 | 15.49 | 60.57 | 44.80 | 204.53 | 77.86 | 138.32 | 34.92 | 162.08 | 20.21 | -1.21 | -8.52 | 65.75 |
| FI0036R | aluminium | aerosol | 9.14 | 14.57 | 25.23 | 65.91 | 86.97 | 61.61 | 37.75 | 63.40 | 13.85 | 6.08 | 2.55 | 3.22 | 32.17 |
| IS0091R | aluminium | aerosol | 313.72 | 667.85 | 829.39 | 572.06 | 612.07 | 83.60 | 79.48 | 229.07 | 285.25 | 1045.29 | 1066.31 | 81.56 | 488.90 |
| DE0001R | antimony | aerosol | 0.80 | 0.45 | 0.46 | 0.41 | 0.34 | 0.15 | 0.43 | 0.33 | 0.59 | 0.54 | 0.50 | 0.28 | 0.46 |
| DE0002R | antimony | aerosol | 1.56 | 0.56 | 0.66 | 0.63 | 0.50 | 0.50 | 0.48 | 0.48 | 0.89 | 1.03 | 0.96 | 0.61 | 0.74 |
| DE0003R | antimony | aerosol | 0.19 | 0.26 | 0.31 | 0.38 | - | 0.61 | 0.73 | 0.34 | 0.60 | 0.45 | 0.25 | 0.15 | 0.38 |
| DE0007R | antimony | aerosol | 2.07 | 0.54 | 0.74 | 0.52 | 0.42 | 0.41 | 0.34 | 0.35 | 0.76 | 1.01 | 0.75 | 0.47 | 0.70 |
| DE0008R | antimony | aerosol | 0.42 | 0.24 | 0.29 | 0.43 | 0.44 | 0.48 | 0.49 | 0.31 | 0.58 | 0.56 | 0.50 | 0.22 | 0.42 |
| DE0009R | antimony | aerosol | 1.35 | 0.54 | 0.58 | 0.37 | 0.39 | 0.35 | 0.35 | 0.33 | 0.73 | 0.83 | 0.58 | 0.36 | 0.56 |
| AT0002R | arsenic | pm10 | 2.17 | 2.78 | 1.56 | 0.96 | - | - | 1.60 | - | 1.22 | 1.25 | 0.99 | 2.54 | 1.80 |
| AT0005R | arsenic | pm10 | 0.90 | - | - | - | - | - | - | - | 0.90 | - | - | - | - |
| AT0048R | arsenic | pm10 | - | 1.10 | 1.60 | - | - | - | 0.90 | - | - | - | - | - | - |
| BE0014R | arsenic | aerosol | 1.68 | 0.95 | 0.78 | 0.96 | 1.23 | 0.80 | 1.08 | 0.54 | 1.46 | 1.39 | 1.01 | 0.83 | 1.08 |
| CZ0001R | arsenic | pm10 | 1.57 | - | - | 0.93 | 0.50 | 0.82 | 1.63 | 0.35 | 1.24 | 0.81 | 0.69 | 1.14 | 0.96 |
| CZ0003R | arsenic | pm10 | 2.27 | 2.78 | 1.82 | 0.71 | 0.41 | 0.73 | 0.67 | 0.18 | 0.79 | 1.13 | 0.56 | 1.09 | 1.06 |
| CZ0003R | arsenic | pm25 | 2.16 | 2.52 | 1.77 | 0.66 | 0.37 | 0.66 | 0.69 | 0.25 | 0.50 | 0.76 | 0.51 | 1.03 | 0.94 |
| DE0001R | arsenic | aerosol | 1.25 | 0.45 | 0.66 | 0.40 | 0.36 | 0.12 | 0.37 | 0.25 | 0.85 | 0.27 | 0.33 | 0.18 | 0.49 |
| DE0002R | arsenic | aerosol | 3.19 | 0.54 | 0.85 | 0.51 | 0.52 | 0.57 | 0.42 | 0.39 | 1.21 | 1.23 | 0.43 | 0.32 | 0.85 |
| DE0003R | arsenic | aerosol | 0.15 | 0.23 | 0.28 | 0.16 | - | 0.30 | 0.36 | 0.14 | 0.24 | 0.22 | 0.13 | 0.13 | 0.21 |
| DE0007R | arsenic | aerosol | 4.46 | 0.64 | 1.07 | 1.02 | 0.50 | 0.72 | 0.50 | 0.29 | 1.81 | 1.00 | 0.42 | 0.30 | 1.06 |
| DE0008R | arsenic | aerosol | 0.60 | 0.48 | 0.38 | 0.24 | 0.40 | 0.39 | 0.38 | 0.14 | 0.41 | 0.45 | 0.26 | 0.13 | 0.35 |
| DE0009R | arsenic | aerosol | 2.77 | 0.84 | 0.72 | 0.47 | 0.42 | 0.35 | 0.33 | 0.26 | 1.66 | 0.77 | 0.35 | 0.24 | 0.77 |
| DK0003R | arsenic | aerosol | 1.24 | 0.83 | 0.85 | 0.44 | 0.51 | 0.64 | 0.53 | 0.51 | 1.21 | 0.72 | 0.37 | 0.14 | 0.67 |
| DK0005R | arsenic | aerosol | 1.25 | 0.48 | 0.61 | 0.29 | 0.42 | 0.26 | 0.29 | 0.26 | 1.85 | 0.64 | 0.19 | 0.14 | 0.58 |
| DK0008R | arsenic | aerosol | 1.25 | 0.56 | 0.34 | 0.37 | 0.38 | 0.38 | 0.29 | 0.30 | 0.96 | 0.39 | 0.21 | 0.17 | 0.47 |
| DK0031R | arsenic | aerosol | 1.09 | 0.41 | 0.38 | 0.22 | 0.45 | 0.30 | 0.37 | 0.33 | 1.04 | 0.35 | 0.19 | 0.07 | 0.43 |
| ES0008R | arsenic | aerosol | - | 0.05 | 0.05 | - | 0.22 | 0.13 | 0.11 | 0.20 | - | - | - | - | - |
| ES0009R | arsenic | pm10 | 0.08 | 0.15 | 0.14 | 0.13 | 0.16 | 0.12 | 0.17 | 0.16 | 0.15 | 0.11 | 0.08 | 0.07 | 0.13 |
| FI0036R | arsenic | aerosol | 0.27 | 0.41 | 0.26 | 0.23 | 0.18 | 0.10 | 0.08 | 0.29 | 0.18 | 0.06 | 0.04 | 0.08 | 0.18 |
| GB0013R | arsenic | pm10 | 0.80 | 1.13 | 0.43 | 0.42 | 0.35 | 1.46 | 0.53 | 0.26 | 0.32 | 0.55 | 0.53 | 0.40 | 0.60 |
| GB0017R | arsenic | pm10 | 1.02 | 0.82 | 0.56 | 0.38 | 0.12 | 0.25 | 0.52 | 0.34 | 0.86 | 0.76 | 1.13 | 0.46 | 0.60 |
| GB0091R | arsenic | pm10 | 0.23 | 0.34 | 0.22 | 0.13 | 0.34 | 0.82 | 0.32 | 0.23 | 0.35 | 0.38 | 0.13 | 0.10 | 0.30 |
| IS0091R | arsenic | aerosol | 0.29 | 0.27 | 0.22 | 0.15 | 0.20 | 0.15 | 0.11 | 0.11 | 0.15 | 0.17 | 0.26 | 0.21 | 0.19 |
| LT0015R | arsenic | aerosol | 1.19 | 1.39 | 0.72 | 0.39 | 0.32 | 0.21 | 0.26 | 0.35 | 0.18 | 1.06 | 0.71 | 0.53 | 0.60 |
| LV0010R | arsenic | aerosol | 1.63 | 1.59 | 0.76 | 0.63 | 0.19 | 0.06 | 0.25 | 0.38 | 0.25 | 0.29 | 0.20 | 0.50 | 0.58 |
| LV0016R | arsenic | aerosol | 0.65 | 0.90 | 0.49 | 0.38 | 0.31 | 0.12 | 0.29 | 0.43 | 0.29 | 0.20 | 0.22 | 0.26 | 0.38 |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NL0008R | arsenic | aerosol | 1.12 | 0.74 | 0.54 | 0.75 | 0.91 | 0.51 | 0.59 | 0.57 | 1.07 | 1.24 | 1.20 | 0.70 | 0.82 |
| NL0009R | arsenic | aerosol | - | 0.58 | 0.41 | 0.33 | 0.40 | 0.32 | 0.44 | 0.29 | 1.05 | 0.86 | 0.45 | 0.29 | 0.48 |
| NO0001R | arsenic | pm10 | 0.47 | 0.29 | 0.23 | 0.22 | 0.31 | 0.26 | 0.27 | 0.30 | 0.78 | 0.32 | 0.14 | 0.10 | 0.31 |
| NO0042G | arsenic | aerosol | 0.03 | 0.12 | 0.19 | 0.07 | 0.07 | 0.01 | 0.01 | 0.00 | 0.01 | 0.02 | 0.01 | 0.04 | 0.05 |
| PL0005R | arsenic | pm10 | 1.29 | 1.68 | 1.15 | 0.50 | 0.45 | 0.25 | 0.40 | 0.40 | 0.53 | 2.62 | 1.31 | 1.03 | 0.96 |
| SE0014R | arsenic | aerosol | 1.32 | 0.65 | 0.65 | 0.61 | 1.04 | 2.35 | 0.38 | 0.47 | 0.72 | 0.68 | 0.28 | - | 0.85 |
| SI0008R | arsenic | pm10 | 0.64 | 0.45 | 0.58 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 1.02 | 0.88 | 1.04 | 0.61 |
| SK0002R | arsenic | aerosol | 0.03 | 0.03 | 0.04 | 0.40 | 0.33 | 0.35 | 0.56 | 0.11 | 0.40 | 0.35 | 0.01 | 0.01 | 0.22 |
| SK0004R | arsenic | aerosol | 1.15 | 1.31 | 0.57 | 0.63 | 0.46 | 0.56 | 0.39 | 0.39 | 0.66 | 0.64 | 0.68 | 0.65 | 0.67 |
| SK0005R | arsenic | aerosol | 3.58 | 4.36 | 1.30 | 0.95 | 0.47 | 0.68 | 0.71 | 1.02 | 1.40 | 1.36 | 2.09 | 3.35 | 1.70 |
| SK0006R | arsenic | aerosol | 1.00 | 1.38 | 0.57 | 0.53 | 1.29 | 0.34 | 0.51 | 0.33 | 0.66 | 0.77 | 0.91 | 0.87 | 0.76 |
| SK0007R | arsenic | aerosol | 3.14 | 1.78 | 0.84 | 0.68 | 0.47 | 1.02 | 1.51 | 0.23 | 0.73 | 0.84 | 0.84 | 0.84 | 1.05 |
| AT0002R | cadmium | pm10 | 0.56 | 0.50 | 0.60 | 0.30 | 0.17 | 0.16 | 0.22 | 0.15 | 0.40 | 0.26 | 0.25 | 0.40 | 0.34 |
| AT0005R | cadmium | pm10 | 0.30 | 0.10 | 0.32 | 0.15 | 0.25 | 0.13 | 0.10 | - | 0.18 | 0.13 | 0.20 | 0.10 | 0.19 |
| AT0048R | cadmium | pm10 | - | 0.30 | 0.20 | 0.10 | - | 0.10 | 0.20 | - | 0.10 | - | - | - | - |
| BE0014R | cadmium | aerosol | 0.56 | 0.19 | 0.24 | 0.09 | 0.09 | 0.07 | 0.55 | 0.02 | 0.41 | 0.32 | 0.24 | 0.20 | 0.26 |
| CZ0001R | cadmium | pm10 | 0.29 | - | - | 0.24 | 0.23 | 0.17 | 0.17 | 0.09 | 0.34 | 0.26 | 0.20 | 0.16 | 0.21 |
| CZ0003R | cadmium | pm10 | 0.31 | 0.24 | 0.27 | 0.14 | 0.15 | 0.12 | 0.11 | 0.04 | 0.24 | 0.27 | 0.13 | 0.17 | 0.18 |
| CZ0003R | cadmium | pm25 | 0.29 | 0.24 | 0.28 | 0.15 | 0.17 | 0.10 | 0.13 | 0.06 | 0.19 | 0.19 | 0.12 | 0.17 | 0.17 |
| DE0001R | cadmium | aerosol | 0.28 | 0.12 | 0.17 | 0.09 | 0.12 | 0.02 | 0.09 | 0.05 | 0.14 | 0.06 | 0.10 | 0.06 | 0.12 |
| DE0002R | cadmium | aerosol | 0.58 | 0.17 | 0.24 | 0.17 | 0.17 | 0.10 | 0.09 | 0.09 | 0.28 | 0.23 | 0.17 | 0.15 | 0.20 |
| DE0003R | cadmium | aerosol | 0.05 | 0.06 | 0.07 | 0.06 | - | 0.08 | 0.09 | 0.05 | 0.09 | 0.08 | 0.05 | 0.03 | 0.06 |
| DE0007R | cadmium | aerosol | 0.81 | 0.21 | 0.31 | 0.16 | 0.19 | 0.07 | 0.08 | 0.10 | 0.30 | 0.27 | 0.16 | 0.13 | 0.23 |
| DE0008R | cadmium | aerosol | 0.14 | 0.08 | 0.10 | 0.08 | 0.15 | 0.08 | 0.08 | 0.05 | 0.14 | 0.10 | 0.08 | 0.04 | 0.09 |
| DE0009R | cadmium | aerosol | 0.56 | 0.18 | 0.22 | 0.10 | 0.17 | 0.04 | 0.05 | 0.04 | 0.21 | 0.23 | 0.13 | 0.09 | 0.17 |
| ES0008R | cadmium | aerosol | - | 0.01 | 0.01 | - | 0.06 | 0.03 | 0.04 | 0.08 | - | - | - | - | - |
| ES0008R | cadmium | pm10 | 0.16 | 0.25 | 0.11 | 0.14 | 0.16 | 0.05 | 0.07 | 0.03 | 0.08 | 0.15 | 0.09 | 0.06 | 0.11 |
| FI0036R | cadmium | aerosol | 0.04 | 0.10 | 0.03 | 0.07 | 0.07 | 0.02 | 0.01 | 0.05 | 0.04 | 0.01 | 0.02 | 0.01 | 0.04 |
| GB0013R | cadmium | pm10 | 0.16 | 0.14 | 0.07 | 0.06 | 0.07 | 0.23 | 0.14 | 0.02 | 0.04 | 0.07 | 0.05 | 0.08 | 0.09 |
| GB0017R | cadmium | pm10 | 0.31 | 0.17 | 0.16 | 0.07 | 0.02 | 0.06 | 0.12 | 0.08 | 0.20 | 0.16 | 0.25 | 0.09 | 0.14 |
| GB0091R | cadmium | pm10 | 0.07 | 0.05 | 0.05 | 0.04 | 0.16 | 0.17 | 0.06 | 0.04 | 0.07 | 0.06 | 0.04 | 0.02 | 0.07 |
| HU0002R | cadmium | aerosol | 0.25 | 0.17 | 0.21 | 0.16 | 0.05 | 0.03 | 0.10 | 0.07 | 0.10 | 0.08 | 0.18 | 0.16 | 0.13 |
| IS0091R | cadmium | aerosol | 0.32 | 0.03 | 0.03 | 0.02 | 0.05 | 0.05 | 0.08 | 0.03 | 0.05 | 0.01 | 0.03 | 0.23 | 0.08 |
| LT0015R | cadmium | aerosol | 0.39 | 0.34 | 0.17 | 0.22 | 0.22 | 0.10 | 0.18 | 0.09 | 0.21 | 0.21 | 0.19 | 0.10 | 0.20 |
| LV0010R | cadmium | aerosol | 0.43 | 0.45 | 0.18 | 0.19 | 0.15 | 0.14 | 0.30 | 0.20 | 0.05 | 0.30 | 0.16 | 0.04 | 0.22 |
| LV0016R | cadmium | aerosol | 0.24 | 0.24 | 0.14 | 0.14 | 0.10 | 0.03 | 0.11 | 0.22 | 0.16 | 0.16 | 0.14 | 0.11 | 0.15 |
| NL0008R | cadmium | aerosol | 0.31 | 0.22 | 0.20 | 0.20 | 0.30 | 0.15 | 0.16 | 0.20 | 0.27 | 0.30 | 0.28 | 0.26 | 0.23 |
| NL0009R | cadmium | aerosol | - | 0.17 | 0.11 | 0.18 | 0.13 | 0.11 | 0.10 | 0.08 | 0.22 | 0.22 | 0.16 | 0.11 | 0.14 |
| NO0001R | cadmium | pm10 | 0.11 | 0.10 | 0.06 | 0.07 | 0.09 | 0.03 | 0.04 | 0.04 | 0.12 | 0.05 | 0.03 | 0.02 | 0.06 |
| NO0042G | cadmium | aerosol | 0.01 | 0.02 | 0.04 | 0.03 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.02 |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PL0005R | cadmium | pm10 | 0.57 | 0.48 | 0.35 | 0.29 | 0.21 | 0.02 | 0.11 | 0.13 | 0.21 | 0.75 | 0.54 | 0.37 | 0.34 |
| SE0014R | cadmium | aerosol | 0.20 | 0.15 | 0.15 | 0.10 | 0.25 | 0.31 | 0.09 | 0.07 | 0.15 | 0.08 | 0.06 | - | 0.15 |
| SI0008R | cadmium | pm10 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 |
| SK0002R | cadmium | aerosol | 0.01 | 0.02 | 0.06 | 0.11 | 0.16 | 0.13 | 0.15 | 0.07 | 0.16 | 0.07 | 0.06 | 0.01 | 0.09 |
| SK0004R | cadmium | aerosol | 0.30 | 0.38 | 0.29 | 0.22 | 0.18 | 0.20 | 0.20 | 0.09 | 0.19 | 0.21 | 0.23 | 0.26 | 0.23 |
| SK0005R | cadmium | aerosol | 0.90 | 0.59 | 0.60 | 0.40 | 0.24 | 0.23 | 0.32 | 0.16 | 0.34 | 0.32 | 0.28 | 0.45 | 0.40 |
| SK0006R | cadmium | aerosol | 0.36 | 0.48 | 0.30 | 0.24 | 0.29 | 0.14 | 0.20 | 0.18 | 0.30 | 0.51 | 0.51 | 0.48 | 0.33 |
| SK0007R | cadmium | aerosol | 0.56 | 0.37 | 0.51 | 0.19 | 0.20 | 0.17 | 0.27 | 0.07 | 0.28 | 0.36 | 0.36 | 0.36 | 0.30 |
| BE0014R | chromium | aerosol | 0.85 | 0.69 | 2.54 | 2.45 | 3.08 | 4.67 | 8.17 | 2.95 | 8.59 | 5.54 | 3.18 | 3.21 | 3.98 |
| DK0003R | chromium | aerosol | 0.44 | 0.24 | -0.41 | 0.19 | 0.34 | 0.87 | 0.95 | 0.29 | 0.91 | 0.26 | 0.34 | 0.22 | 0.39 |
| DK0005R | chromium | aerosol | 0.65 | -0.10 | -0.30 | 0.15 | 0.58 | 0.67 | 0.71 | 0.38 | 1.30 | 0.95 | 0.31 | 0.26 | 0.48 |
| DK0008R | chromium | aerosol | 0.61 | 0.19 | -0.49 | 0.11 | 0.23 | 0.36 | 1.00 | 0.05 | 0.71 | 0.18 | -0.06 | 0.22 | 0.26 |
| DK0031R | chromium | aerosol | 0.61 | 0.39 | -0.19 | 0.07 | 0.49 | 0.34 | 0.45 | 0.14 | 0.71 | -0.01 | -0.02 | 0.09 | 0.26 |
| ES0008R | chromium | aerosol | - | 0.78 | 0.78 | - | 0.78 | 0.78 | 0.78 | 0.78 | - | - | - | - | - |
| ES0009R | chromium | pm10 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 1.33 | 0.78 | 0.78 | 1.13 | 0.78 | 0.78 | 0.86 |
| FI0036R | chromium | aerosol | 0.19 | 0.32 | 0.08 | 0.26 | 0.19 | 0.11 | 0.18 | 0.22 | 0.11 | 0.03 | 0.12 | 0.08 | 0.16 |
| GB0013R | chromium | pm10 | 0.51 | 0.07 | 0.20 | 0.17 | 0.06 | 0.06 | 0.48 | 0.34 | 0.46 | 0.48 | 0.57 | 0.52 | 0.33 |
| GB0017R | chromium | pm10 | 0.65 | 0.08 | 1.02 | 0.24 | 0.34 | 1.02 | 0.90 | 0.52 | 1.15 | 0.77 | 0.37 | 1.26 | 0.71 |
| GB0091R | chromium | pm10 | 0.10 | 0.25 | 0.31 | 0.05 | 0.13 | 0.11 | 0.67 | 0.54 | 0.55 | 0.77 | 0.32 | 0.63 | 0.37 |
| IS0091R | chromium | aerosol | 77.17 | 13.49 | 4.38 | 2.37 | 8.86 | 17.48 | 9.73 | 6.18 | 12.40 | 9.06 | 8.30 | 5.36 | 14.60 |
| LT0015R | chromium | aerosol | 0.35 | 0.43 | 0.33 | 0.26 | 0.28 | 0.28 | 0.34 | 0.15 | 0.13 | 0.22 | 0.17 | 0.12 | 0.25 |
| NO0001R | chromium | pm10 | 2.63 | 3.15 | 0.96 | 0.56 | 0.54 | 1.12 | 1.37 | 0.76 | 1.41 | 0.78 | 0.64 | 0.18 | 1.16 |
| NO0042G | chromium | aerosol | 0.14 | 0.13 | 0.12 | 0.13 | 0.12 | 0.02 | 0.02 | 0.04 | 0.10 | 0.06 | 0.07 | 0.05 | 0.08 |
| PL0005R | chromium | pm10 | 0.75 | 1.17 | 0.65 | 1.31 | 0.62 | 0.42 | 1.00 | 0.79 | 0.64 | 2.08 | 0.90 | 0.60 | 0.91 |
| SK0002R | chromium | aerosol | 0.67 | 0.76 | 1.29 | 1.00 | 1.38 | 0.73 | 0.88 | 0.96 | 0.54 | 0.24 | 2.99 | 0.47 | 0.97 |
| SK0004R | chromium | aerosol | 0.64 | 0.68 | 0.56 | 0.48 | 0.60 | 0.85 | 1.10 | 1.26 | 0.61 | 0.55 | 0.21 | 0.37 | 0.65 |
| SK0005R | chromium | aerosol | 0.78 | 0.80 | 0.97 | 0.90 | 0.85 | 0.67 | 1.32 | 0.57 | 0.73 | 0.53 | 0.61 | 0.60 | 0.78 |
| SK0006R | chromium | aerosol | 0.71 | 0.87 | 0.79 | 0.76 | 0.80 | 0.58 | 0.82 | 0.79 | 0.42 | 0.61 | 0.82 | 0.59 | 0.71 |
| SK0007R | chromium | aerosol | 2.01 | 3.63 | 2.49 | 2.72 | 0.98 | 1.81 | 3.74 | 5.25 | 2.98 | 2.72 | 2.72 | 2.72 | 2.65 |
| DE0001R | cobalt | aerosol | 0.07 | 0.04 | 0.06 | 0.05 | 0.06 | 0.04 | 0.09 | 0.03 | 0.05 | 0.02 | 0.05 | 0.07 | 0.05 |
| DE0002R | cobalt | aerosol | 0.12 | 0.06 | 0.07 | 0.06 | 0.07 | 0.07 | 0.09 | 0.05 | 0.12 | 0.08 | 0.08 | 0.07 | 0.08 |
| DE0003R | cobalt | aerosol | 0.03 | 0.03 | 0.04 | 0.04 | - | 0.13 | 0.09 | 0.03 | 0.10 | 0.07 | 0.07 | 0.04 | 0.06 |
| DE0007R | cobalt | aerosol | 0.16 | 0.06 | 0.09 | 0.11 | 0.09 | 0.19 | 0.15 | 0.07 | 0.20 | 0.10 | 0.05 | 0.04 | 0.11 |
| DE0008R | cobalt | aerosol | 0.03 | 0.02 | 0.03 | 0.04 | 0.07 | 0.07 | 0.08 | 0.03 | 0.08 | 0.04 | 0.03 | 0.02 | 0.04 |
| DE0009R | cobalt | aerosol | 0.12 | 0.07 | 0.07 | 0.04 | 0.08 | 0.08 | 0.08 | 0.03 | 0.09 | 0.08 | 0.11 | 0.03 | 0.07 |
| FI0036R | cobalt | aerosol | 0.02 | 0.04 | 0.03 | 0.05 | 0.04 | 0.03 | 0.01 | 0.05 | 0.04 | 0.02 | 0.01 | 0.01 | 0.03 |
| NO0001R | cobalt | pm10 | 0.04 | 0.04 | 0.03 | 0.04 | 0.05 | 0.07 | 0.17 | 0.04 | 0.08 | 0.03 | 0.02 | 0.02 | 0.05 |
| NO0042G | cobalt | aerosol | 0.02 | 0.01 | 0.03 | 0.02 | 0.02 | 0.01 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.01 |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BE0014R | copper | aerosol | 7.10 | 4.66 | 4.80 | 11.16 | 5.38 | 4.37 | 7.45 | 4.23 | 9.13 | 9.07 | 7.86 | 6.23 | 6.78 |
| CZ0001R | copper | pm10 | 2.93 | - | - | 2.73 | 1.83 | 1.97 | 3.49 | 1.57 | 3.38 | 2.76 | 1.74 | 1.47 | 2.34 |
| CZ0003R | copper | pm10 | 2.24 | 1.74 | 2.24 | 2.33 | 2.51 | 3.38 | 1.75 | 1.14 | 4.00 | 3.38 | 1.78 | 1.74 | 2.42 |
| CZ0003R | copper | pm25 | 1.87 | 1.42 | 2.14 | 1.29 | 1.12 | 1.65 | 1.20 | 0.76 | 1.93 | 1.73 | 0.91 | 0.85 | 1.42 |
| DE0001R | copper | aerosol | 3.39 | 1.40 | 1.76 | 0.99 | 1.15 | 0.37 | 2.33 | 2.06 | 3.48 | 3.73 | 2.03 | 1.25 | 2.14 |
| DE0002R | copper | aerosol | 5.55 | 2.26 | 2.17 | 2.11 | 1.94 | 2.19 | 3.38 | 2.16 | 4.49 | 3.42 | 3.46 | 2.80 | 3.01 |
| DE0003R | copper | aerosol | 0.96 | 1.20 | 1.27 | 1.78 | - | 3.26 | 4.00 | 2.00 | 2.89 | 1.93 | 1.31 | 1.09 | 1.90 |
| DE0007R | copper | aerosol | 5.97 | 1.95 | 2.27 | 1.81 | 1.52 | 2.05 | 1.48 | 1.11 | 3.82 | 3.56 | 2.77 | 2.13 | 2.56 |
| DE0008R | copper | aerosol | 1.32 | 0.71 | 1.09 | 2.26 | 10.26 | 5.80 | 2.83 | 1.86 | 3.05 | 2.12 | 1.55 | 0.88 | 2.69 |
| DE0009R | copper | aerosol | 3.60 | 3.72 | 1.90 | 1.16 | 2.43 | 1.62 | 1.50 | 1.41 | 7.74 | 9.32 | 9.08 | 8.59 | 4.25 |
| DK0003R | copper | aerosol | 2.43 | 1.53 | 1.51 | 0.99 | 1.55 | 1.80 | 1.80 | 1.17 | 3.25 | 1.46 | 1.15 | 0.84 | 1.64 |
| DK0005R | copper | aerosol | 3.93 | 1.66 | 1.36 | 1.15 | 1.39 | 1.23 | 1.43 | 1.23 | 4.01 | 3.08 | 1.91 | 1.03 | 1.98 |
| DK0008R | copper | aerosol | 1.91 | 1.08 | 1.01 | 0.77 | 0.98 | 1.18 | 1.52 | 0.76 | 2.78 | 1.23 | 1.00 | 0.45 | 1.22 |
| DK0031R | copper | aerosol | 2.11 | 0.87 | 0.94 | 0.46 | 1.13 | 1.02 | 1.18 | 0.81 | 2.59 | 1.12 | 0.70 | 0.42 | 1.11 |
| ES0008R | copper | aerosol | - | 12.10 | 30.58 | - | 54.32 | 80.30 | 50.09 | 81.08 | - | - | - | - | - |
| ES0008R | copper | pm10 | 17.38 | 20.41 | 16.82 | 31.38 | 36.39 | 32.92 | 21.64 | 25.38 | 24.28 | 25.04 | 40.42 | 14.55 | 25.38 |
| ES0009R | copper | pm10 | 40.63 | 74.36 | 33.00 | 30.29 | 23.65 | 39.92 | 57.12 | 40.49 | 44.33 | 61.41 | 14.71 | 49.11 | 43.47 |
| FI0036R | copper | aerosol | 0.33 | 0.58 | 0.53 | 0.50 | 0.67 | 0.40 | 0.26 | 0.90 | 0.92 | 0.52 | 0.15 | 0.25 | 0.50 |
| GB0013R | copper | pm10 | 2.09 | 1.04 | 0.71 | 0.54 | 0.83 | 4.48 | 1.72 | 0.14 | 0.54 | 1.31 | 0.98 | 0.44 | 1.23 |
| GB0017R | copper | pm10 | 2.02 | 1.37 | 1.10 | 0.40 | 0.23 | 0.52 | 1.14 | 0.64 | 2.46 | 2.08 | 2.92 | 1.01 | 1.35 |
| GB0091R | copper | pm10 | 0.73 | 0.44 | 0.08 | 0.02 | 1.08 | 2.75 | 0.38 | 0.13 | 0.59 | 0.71 | 0.87 | 0.13 | 0.66 |
| IS0091R | copper | aerosol | 12.82 | 1.47 | 1.88 | 1.02 | 1.43 | 0.75 | 0.56 | 0.67 | 0.86 | 2.42 | 2.19 | 2.19 | 2.37 |
| LT0015R | copper | aerosol | 1.90 | 1.58 | 1.46 | 1.53 | 1.32 | 1.31 | 1.20 | 1.13 | 1.03 | 1.94 | 1.69 | 1.34 | 1.45 |
| LV0010R | copper | aerosol | 1.77 | 1.66 | 1.29 | 1.09 | 1.22 | 0.78 | 1.82 | 0.92 | 1.11 | 1.94 | 1.07 | 0.85 | 1.29 |
| LV0016R | copper | aerosol | 0.85 | 1.03 | 0.79 | 0.70 | 1.19 | 0.69 | 1.26 | 0.92 | 1.13 | 1.34 | 1.11 | 1.53 | 1.04 |
| NO0001R | copper | pm10 | 3.88 | 3.36 | 0.82 | 0.86 | 0.80 | 2.30 | 1.05 | 0.84 | 2.61 | 1.15 | 0.80 | 0.55 | 1.56 |
| NO0042G | copper | aerosol | 0.38 | 0.35 | 0.36 | 0.33 | 0.59 | 0.09 | 0.07 | 0.12 | 0.37 | 0.25 | 0.15 | 0.58 | 0.30 |
| PL0005R | copper | pm10 | 2.59 | 2.20 | 1.94 | 1.82 | 1.35 | 0.97 | 1.13 | 1.21 | 1.53 | 5.61 | 3.28 | 2.72 | 2.20 |
| SK0002R | copper | aerosol | 0.24 | 0.21 | 0.99 | 1.17 | 1.96 | 2.94 | 1.41 | 0.50 | 1.18 | 0.65 | 3.39 | 0.51 | 1.24 |
| SK0004R | copper | aerosol | 3.81 | 3.70 | 1.68 | 1.91 | 1.41 | 1.52 | 1.62 | 1.38 | 1.94 | 2.29 | 1.62 | 3.39 | 2.19 |
| SK0005R | copper | aerosol | 3.45 | 3.26 | 2.53 | 3.35 | 1.79 | 1.86 | 2.59 | 2.62 | 2.60 | 2.65 | 2.08 | 2.45 | 2.59 |
| SK0006R | copper | aerosol | 2.30 | 2.42 | 1.94 | 1.45 | 2.18 | 1.27 | 1.57 | 1.80 | 2.11 | 4.61 | 2.84 | 2.33 | 2.25 |
| SK0007R | copper | aerosol | 4.34 | 5.41 | 3.71 | 2.82 | 2.01 | 2.26 | 3.98 | 2.39 | 3.79 | 4.32 | 4.32 | 4.32 | 3.63 |
| DE0001R | iron | aerosol | 66.05 | 47.89 | 63.04 | 42.77 | 96.45 | 31.90 | 141.08 | 59.85 | 158.69 | 93.38 | 56.15 | 39.05 | 77.61 |
| DE0002R | iron | aerosol | 97.36 | 46.55 | 68.15 | 68.23 | 108.96 | 88.24 | 130.06 | 64.05 | 190.25 | 114.53 | 80.83 | 71.23 | 94.26 |
| DE0003R | iron | aerosol | 14.04 | 18.44 | 32.96 | 57.58 | - | 261.64 | 164.58 | 38.92 | 161.15 | 118.27 | 135.36 | 71.54 | 88.37 |
| DE0007R | iron | aerosol | 112.57 | 45.73 | 86.16 | 65.12 | 121.78 | 81.86 | 162.47 | 61.09 | 189.50 | 101.70 | 68.26 | 53.14 | 96.17 |
| DE0008R | iron | aerosol | 25.44 | 13.33 | 33.22 | 66.04 | 111.39 | 128.52 | 154.15 | 36.61 | 140.33 | 64.97 | 107.48 | 27.09 | 75.85 |
| DE0009R | iron | aerosol | 72.65 | 42.80 | 62.64 | 43.25 | 101.44 | 75.60 | 113.12 | 52.39 | 152.24 | 84.65 | 77.60 | 40.71 | 76.78 |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DK0003R | iron | aerosol | 64.24 | 51.31 | 67.92 | 64.11 | 218.50 | 284.59 | 315.14 | 68.69 | 319.74 | 51.35 | 44.97 | 18.83 | 133.33 |
| DK0005R | iron | aerosol | 84.47 | 54.55 | 68.02 | 63.78 | 151.40 | 97.80 | 142.71 | 70.26 | 257.51 | 128.30 | 72.55 | 36.37 | 104.38 |
| DK0008R | iron | aerosol | 47.94 | 34.05 | 51.85 | 44.27 | 117.71 | 81.15 | 121.29 | 39.79 | 156.28 | 40.02 | 38.45 | 16.91 | 65.76 |
| DK0031R | iron | aerosol | 58.38 | 38.09 | 47.70 | 40.73 | 186.38 | 88.03 | 137.84 | 38.67 | 193.56 | 39.16 | 28.25 | 12.98 | 76.15 |
| FI0036R | iron | aerosol | 16.70 | 35.77 | 32.04 | 61.04 | 74.23 | 58.12 | 35.59 | 53.43 | 32.40 | 12.65 | 13.33 | 15.04 | 36.44 |
| IS0091R | iron | aerosol | 773.79 | 1236.13 | 1321.73 | 903.73 | 1010.69 | 181.35 | 144.57 | 371.70 | 441.75 | 1502.59 | 1841.84 | 105.43 | 818.92 |
| AT0002R | lead | pm10 | 19.12 | 15.82 | 13.62 | 8.46 | 3.98 | 5.02 | 8.72 | 2.52 | 10.76 | 8.50 | 6.28 | 12.26 | 9.57 |
| AT0005R | lead | pm10 | 5.54 | 2.70 | 8.30 | 4.80 | 3.94 | 3.90 | 3.38 | 1.73 | 9.66 | 4.62 | 3.27 | 2.50 | 4.77 |
| AT0048R | lead | pm10 | 1.94 | 6.78 | 5.15 | 3.33 | 1.70 | 2.62 | 3.80 | 1.23 | 3.42 | 1.97 | 1.58 | 2.02 | 3.08 |
| BE0014R | lead | aerosol | 22.25 | 14.27 | 16.40 | 10.64 | 19.98 | 9.93 | 12.77 | 4.44 | 15.43 | 13.95 | 12.37 | 8.51 | 13.53 |
| CZ0001R | lead | pm10 | 12.15 | - | - | 8.62 | 7.85 | 6.48 | 8.65 | 4.53 | 12.87 | 8.62 | 7.13 | 5.20 | 8.11 |
| CZ0003R | lead | pm10 | 12.14 | 8.13 | 8.85 | 4.49 | 3.55 | 5.70 | 5.32 | 1.66 | 8.19 | 8.13 | 4.78 | 3.96 | 6.17 |
| CZ0003R | lead | pm25 | 11.41 | 8.61 | 8.80 | 4.53 | 4.24 | 4.70 | 5.51 | 2.14 | 6.00 | 5.85 | 3.65 | 3.84 | 5.65 |
| DE0001R | lead | aerosol | 10.06 | 3.61 | 5.39 | 2.98 | 3.48 | 0.69 | 2.76 | 1.94 | 6.69 | 5.18 | 4.09 | 2.58 | 4.42 |
| DE0002R | lead | aerosol | 25.27 | 6.22 | 8.86 | 6.56 | 5.07 | 4.33 | 3.76 | 3.89 | 9.78 | 9.55 | 6.37 | 5.44 | 7.96 |
| DE0003R | lead | aerosol | 1.69 | 2.42 | 2.84 | 2.48 | - | 3.35 | 3.95 | 1.94 | 3.37 | 2.96 | 2.16 | 1.29 | 2.55 |
| DE0007R | lead | aerosol | 34.98 | 6.93 | 10.46 | 5.49 | 4.28 | 3.67 | 3.18 | 2.71 | 11.89 | 9.13 | 6.26 | 4.55 | 8.68 |
| DE0008R | lead | aerosol | 5.22 | 3.25 | 3.99 | 3.04 | 4.63 | 3.21 | 3.54 | 1.88 | 5.27 | 4.40 | 3.71 | 1.92 | 3.68 |
| DE0009R | lead | aerosol | 23.21 | 7.12 | 7.19 | 3.53 | 4.01 | 2.53 | 2.64 | 2.40 | 9.44 | 7.45 | 5.32 | 3.63 | 6.57 |
| DK0003R | lead | aerosol | 11.01 | 6.32 | 4.36 | 2.75 | 4.04 | 3.38 | 3.04 | 1.88 | 8.81 | 3.22 | 2.83 | 2.72 | 4.55 |
| DK0005R | lead | aerosol | 14.66 | 5.55 | 6.17 | 3.54 | 4.76 | 2.48 | 3.14 | 2.46 | 12.77 | 7.17 | 3.35 | 2.48 | 5.88 |
| DK0008R | lead | aerosol | 11.37 | 5.93 | 3.20 | 2.53 | 3.40 | 2.65 | 2.53 | 1.88 | 8.03 | 3.23 | 2.54 | 1.66 | 4.07 |
| DK0031R | lead | aerosol | 10.08 | 4.86 | 3.34 | 1.97 | 3.66 | 2.79 | 2.82 | 2.81 | 8.44 | 3.22 | 2.23 | 1.36 | 3.96 |
| ES0008R | lead | aerosol | - | 1.52 | 1.50 | - | 6.97 | 3.41 | 4.08 | 8.60 | - | - | - | - | - |
| ES0008R | lead | pm10 | 3.73 | 10.43 | 7.89 | 18.72 | 6.84 | 4.26 | 2.75 | 4.00 | 5.53 | 8.29 | 6.35 | 3.16 | 6.92 |
| ES0009R | lead | pm10 | 1.37 | 1.99 | 2.44 | 1.93 | 2.95 | 2.67 | 2.42 | 2.22 | 0.84 | 1.32 | 2.87 | 1.00 | 2.00 |
| FI0036R | lead | aerosol | 1.81 | 3.96 | 1.06 | 1.59 | 1.38 | 0.62 | 0.34 | 0.89 | 1.01 | 0.20 | 0.60 | 0.40 | 1.14 |
| GB0013R | lead | pm10 | 6.78 | 7.39 | 3.94 | 3.37 | 3.23 | 13.20 | 5.75 | 1.13 | 1.91 | 3.67 | 4.00 | 3.22 | 4.77 |
| GB0017R | lead | pm10 | 13.19 | 9.80 | 5.96 | 3.91 | 1.50 | 2.70 | 4.42 | 3.57 | 9.35 | 7.67 | 15.87 | 8.38 | 7.18 |
| GB0091R | lead | pm10 | 2.87 | 2.16 | 2.32 | 1.19 | 3.38 | 8.46 | 2.75 | 1.12 | 2.95 | 3.13 | 1.86 | 1.81 | 2.83 |
| HU0002R | lead | aerosol | 9.90 | 5.27 | 6.43 | 19.28 | 15.83 | 0.98 | 2.12 | 5.37 | 2.49 | 2.28 | 3.94 | 4.91 | 5.91 |
| IS0091R | lead | aerosol | 13.90 | 0.37 | 0.76 | 0.36 | 0.90 | 1.38 | 2.05 | 0.18 | 1.03 | 0.23 | 0.60 | 7.12 | 2.42 |
| LT0015R | lead | aerosol | 12.88 | 11.45 | 6.14 | 5.14 | 5.40 | 4.99 | 8.04 | 3.57 | 3.75 | 8.45 | 8.35 | 5.33 | 6.89 |
| LV0010R | lead | aerosol | 10.34 | 14.31 | 5.62 | 5.23 | 1.84 | 4.37 | 6.36 | 3.22 | 1.20 | 5.34 | 4.25 | 1.24 | 5.22 |
| LV0016R | lead | aerosol | 5.81 | 8.30 | 4.21 | 2.40 | 1.90 | 1.95 | 2.40 | 1.63 | 0.76 | 1.85 | 3.23 | 2.94 | 3.08 |
| NL0008R | lead | aerosol | 13.04 | 7.67 | 6.40 | 6.04 | 9.31 | 4.76 | 5.97 | 5.98 | 11.31 | 11.77 | 9.96 | 8.63 | 8.35 |
| NL0009R | lead | aerosol | - | 6.06 | 4.81 | 5.45 | 5.00 | 3.52 | 4.33 | 3.46 | 9.43 | 7.87 | 5.56 | 5.02 | 5.46 |
| NO0001R | lead | pm10 | 4.18 | 2.74 | 1.37 | 1.18 | 1.94 | 1.61 | 1.64 | 1.17 | 4.99 | 1.47 | 1.13 | 0.76 | 2.01 |
| NO0042G | lead | aerosol | 0.52 | 0.95 | 1.32 | 0.61 | 1.26 | 0.07 | 0.04 | 0.02 | 0.04 | 0.12 | 0.10 | 0.26 | 0.44 |
| PL0005R | lead | pm10 | 16.35 | 16.33 | 10.01 | 5.67 | 4.56 | 1.85 | 3.49 | 4.00 | 5.32 | 20.67 | 14.91 | 11.04 | 9.49 |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SE0014R | lead | aerosol | 10.00 | 5.81 | 5.81 | 3.32 | 8.25 | 13.12 | 3.42 | 2.54 | 6.37 | 3.14 | 2.03 | - | 5.78 |
| SI0008R | lead | pm10 | 9.05 | 9.05 | 9.05 | 9.05 | 9.05 | 9.05 | 9.05 | 9.05 | 9.05 | 9.05 | 9.05 | 9.05 | 9.05 |
| SK0002R | lead | aerosol | 0.39 | 0.77 | 1.54 | 3.69 | 4.35 | 3.90 | 5.78 | 1.33 | 5.15 | 4.13 | 0.83 | 0.51 | 2.72 |
| SK0004R | lead | aerosol | 13.27 | 14.77 | 10.33 | 7.59 | 5.51 | 6.76 | 7.12 | 4.39 | 7.65 | 8.47 | 10.12 | 15.03 | 9.25 |
| SK0005R | lead | aerosol | 29.86 | 23.45 | 19.04 | 13.27 | 7.29 | 8.60 | 10.61 | 6.56 | 12.55 | 11.19 | 10.30 | 14.22 | 13.79 |
| SK0006R | lead | aerosol | 14.56 | 20.83 | 10.86 | 7.49 | 9.83 | 4.61 | 7.11 | 6.68 | 8.74 | 13.29 | 21.20 | 17.84 | 11.88 |
| SK0007R | lead | aerosol | 27.71 | 14.37 | 17.31 | 6.89 | 8.36 | 8.16 | 12.19 | 3.88 | 11.84 | 14.40 | 14.40 | 14.40 | 12.73 |
| CZ0001R | manganese | pm10 | 3.95 | - | - | 8.89 | 5.70 | 4.55 | 6.68 | 3.25 | 8.81 | 4.70 | 2.62 | 3.04 | 4.93 |
| CZ0003R | manganese | pm10 | 4.26 | 3.92 | 5.13 | 7.84 | 9.77 | 5.89 | 5.51 | 3.78 | 7.44 | 8.22 | 4.29 | 3.09 | 5.77 |
| CZ0003R | manganese | pm25 | 2.42 | 2.00 | 2.56 | 2.40 | 2.63 | 1.79 | 2.13 | 1.53 | 2.51 | 2.30 | 1.71 | 1.40 | 2.09 |
| DE0001R | manganese | aerosol | 2.95 | 1.80 | 2.33 | 1.34 | 2.18 | 1.00 | 4.06 | 1.69 | 5.00 | 2.62 | 2.04 | 1.33 | 2.46 |
| DE0002R | manganese | aerosol | 5.67 | 2.36 | 3.30 | 3.18 | 4.93 | 3.76 | 5.41 | 3.13 | 8.06 | 4.80 | 3.52 | 3.05 | 4.27 |
| DE0003R | manganese | aerosol | 0.70 | 0.98 | 1.37 | 1.84 | - | 5.64 | 4.72 | 1.29 | 3.91 | 2.71 | 2.81 | 1.58 | 2.33 |
| DE0007R | manganese | aerosol | 5.71 | 2.19 | 3.81 | 2.73 | 4.98 | 3.46 | 5.58 | 2.47 | 7.57 | 3.98 | 2.87 | 2.03 | 3.96 |
| DE0008R | manganese | aerosol | 1.53 | 0.79 | 1.56 | 2.23 | 3.86 | 3.68 | 4.24 | 1.42 | 4.41 | 2.16 | 1.75 | 0.99 | 2.43 |
| DE0009R | manganese | aerosol | 4.09 | 2.31 | 2.81 | 1.68 | 4.55 | 2.86 | 4.02 | 2.07 | 5.95 | 3.37 | 2.74 | 1.53 | 3.17 |
| DK0003R | manganese | aerosol | 2.79 | 2.23 | 3.07 | 2.52 | 7.73 | 9.89 | 10.94 | 3.28 | 10.15 | 2.50 | 1.76 | 0.59 | 4.88 |
| DK0005R | manganese | aerosol | 3.02 | 1.95 | 2.55 | 2.08 | 4.79 | 3.47 | 4.94 | 2.61 | 8.01 | 3.84 | 2.11 | 1.26 | 3.46 |
| DK0008R | manganese | aerosol | 2.21 | 1.81 | 2.42 | 1.76 | 4.19 | 3.26 | 4.02 | 1.80 | 5.74 | 1.59 | 1.33 | 0.79 | 2.57 |
| DK0031R | manganese | aerosol | 2.43 | 1.51 | 2.41 | 1.43 | 5.84 | 2.74 | 4.04 | 1.55 | 6.01 | 1.52 | 1.05 | 0.49 | 2.59 |
| FI0036R | manganese | aerosol | 0.40 | 1.25 | 0.70 | 1.38 | 1.75 | 1.55 | 0.79 | 1.57 | 0.79 | 0.19 | 0.27 | 0.22 | 0.89 |
| IS0091R | manganese | aerosol | 29.39 | 20.82 | 22.82 | 15.36 | 18.34 | 3.18 | 2.42 | 5.93 | 7.15 | 24.60 | 33.01 | 2.12 | 15.44 |
| LV0016R | manganese | aerosol | 2.71 | 6.05 | 2.85 | 8.81 | 33.76 | 42.34 | 63.05 | 14.41 | 9.92 | 3.96 | 2.89 | 1.66 | 16.12 |
| NO0042G | manganese | aerosol | 0.25 | 0.26 | 1.28 | 0.62 | 0.95 | 0.13 | 0.07 | 0.04 | 0.11 | 0.11 | 0.08 | 0.10 | 0.34 |
| SK0002R | manganese | aerosol | 0.49 | 0.48 | 1.32 | 2.25 | 4.23 | 5.30 | 6.71 | 1.59 | 6.23 | 1.98 | 2.18 | 0.67 | 2.78 |
| SK0004R | manganese | aerosol | 4.15 | 6.55 | 4.13 | 4.53 | 4.54 | 5.53 | 4.75 | 3.44 | 6.14 | 5.38 | 3.91 | 4.76 | 4.80 |
| SK0005R | manganese | aerosol | 8.43 | 26.85 | 21.07 | 23.35 | 6.40 | 11.20 | 26.72 | 29.20 | 24.60 | 36.71 | 25.50 | 25.70 | 22.09 |
| SK0006R | manganese | aerosol | 4.92 | 5.62 | 5.06 | 3.82 | 20.70 | 6.15 | 5.41 | 3.59 | 5.47 | 4.51 | 3.87 | 3.48 | 6.06 |
| SK0007R | manganese | aerosol | 9.17 | 6.19 | 7.11 | 6.01 | 5.50 | 5.43 | 8.82 | 4.77 | 11.84 | 14.49 | 14.49 | 14.49 | 9.29 |
| BE0014R | mercury | aerosol | 2.02 | 2.48 | 2.04 | 1.95 | 2.01 | 1.70 | 1.87 | 1.63 | 2.00 | 2.22 | 2.22 | 2.00 | 2.01 |
| DE0002R | mercury (TGM) | air | 2.50 | 1.98 | 2.06 | 2.14 | 2.05 | 1.96 | 2.02 | 1.96 | 1.94 | 1.93 | 1.93 | 1.69 | 2.01 |
| DE0009R | mercury (TGM) | air | 2.29 | 1.83 | 1.81 | 1.78 | 1.73 | 1.43 | 1.56 | 1.46 | 1.76 | 1.71 | 1.62 | 1.72 | 1.72 |
| ES0010R | mercury | air+aerosol | 1.81 | 1.92 | - | - | - | - | - | - | - | - | - | - | - |
| FI0096G | mercury | aerosol | 0.89 | 0.94 | 0.90 | 1.74 | 2.11 | 1.68 | 1.73 | 4.17 | 1.38 | 0.86 | 0.94 | 0.64 | 1.54 |
| FI0096G | mercury | air+aerosol | 1.45 | 1.60 | 1.46 | 1.50 | 1.38 | 1.31 | 1.36 | 1.29 | 1.28 | 1.25 | 1.33 | 1.36 | 1.37 |
| GB0013R | mercury | pm10 | 1.22 | 1.22 | 1.67 | 1.80 | 1.41 | 1.41 | 1.33 | 1.22 | 2.12 | 1.65 | 1.56 | 1.74 | 1.45 |
| GB0017R | mercury | pm10 | 1.05 | 1.79 | 2.19 | 2.17 | 2.14 | 2.14 | 1.78 | 1.82 | 2.20 | 1.70 | 1.88 | 2.05 | 1.90 |
| GB0091R | mercury | pm10 | 1.21 | 0.76 | 0.96 | 1.79 | 1.75 | 1.52 | 1.54 | 1.58 | 1.44 | 1.36 | 1.42 | 1.45 | 1.40 |
| IE0031R | mercury | air+aerosol | 1.56 | 1.59 | 1.59 | 1.55 | 1.48 | 1.35 | 1.42 | 1.32 | 1.30 | 1.51 | 1.54 | 1.54 | 1.48 |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IS0091R | mercury | aerosol | 2.29 | 2.57 | 2.36 | 1.31 | 1.64 | 1.24 | 0.93 | 0.65 | 0.91 | 2.18 | 0.97 | 0.75 | 1.48 |
| NO0001R | mercury | air | 1.67 | 1.67 | 1.50 | 1.64 | 1.86 | 1.82 | 1.93 | 1.81 | 1.78 | 1.72 | 1.68 | - | 1.76 |
| NO0042G | mercury | air | - | - | - | 1.59 | 1.45 | 1.58 | 1.59 | 1.66 | 1.67 | 1.63 | 1.63 | 1.67 | 1.60 |
| PL0005R | mercury | air | 0.97 | 2.43 | 3.34 | 1.10 | 1.25 | 2.06 | 0.92 | 0.95 | 0.98 | 1.51 | 0.68 | 0.73 | 1.46 |
| SE0014R | mercury | aerosol | 12.94 | 24.94 | 14.51 | 8.82 | 12.44 | 8.96 | 7.38 | 7.19 | 7.23 | 7.63 | 7.44 | 5.11 | 10.43 |
| SE0014R | mercury | air+aerosol | 1.40 | 1.88 | 1.70 | 1.66 | 1.65 | 1.58 | 1.56 | 1.48 | 1.75 | 1.55 | 1.56 | 1.46 | 1.60 |
| AT0002R | nickel | pm10 | 2.89 | 2.25 | 2.29 | 1.35 | 1.67 | 1.43 | 1.39 | 1.31 | 1.30 | 1.10 | 1.39 | 1.98 | 1.74 |
| AT0005R | nickel | pm10 | 1.37 | 1.19 | 1.66 | 1.78 | 1.44 | 1.60 | 2.30 | 1.23 | 1.54 | 1.28 | 1.45 | 2.73 | 1.61 |
| AT0048R | nickel | pm10 | 1.11 | 1.68 | 1.53 | 1.02 | 0.89 | 1.18 | 0.96 | 1.10 | 0.93 | - | - | 1.24 | 1.20 |
| BE0014R | nickel | aerosol | 2.25 | 3.70 | 3.20 | 4.84 | 8.25 | 9.18 | 9.67 | 2.75 | 7.08 | 3.60 | 2.55 | 2.46 | 5.08 |
| CZ0001R | nickel | pm10 | 1.15 | - | - | 0.47 | 0.39 | 0.62 | 0.93 | 0.74 | 1.20 | 0.78 | 0.45 | 0.66 | 0.75 |
| CZ0003R | nickel | pm10 | 0.83 | 0.66 | 0.66 | 0.95 | 0.93 | 0.52 | 0.42 | 0.55 | 1.02 | 1.14 | 0.65 | 0.54 | 0.72 |
| CZ0003R | nickel | pm25 | 0.79 | 0.62 | 0.60 | 0.53 | 0.27 | 0.37 | 0.53 | 0.72 | 0.94 | 0.87 | 0.53 | 0.37 | 0.58 |
| DE0001R | nickel | aerosol | 2.16 | 1.44 | 1.75 | 1.88 | 1.65 | 0.86 | 2.27 | 0.91 | 1.55 | 1.06 | 1.42 | 1.06 | 1.54 |
| DE0002R | nickel | aerosol | 1.70 | 1.16 | 1.16 | 1.21 | 0.75 | 1.19 | 1.17 | 0.73 | 1.05 | 0.82 | 0.94 | 0.97 | 1.07 |
| DE0003R | nickel | aerosol | 0.29 | 0.19 | 0.32 | 0.35 | - | 0.95 | 0.81 | 0.32 | 0.67 | 0.46 | 0.31 | 0.28 | 0.42 |
| DE0007R | nickel | aerosol | 1.92 | 1.04 | 1.08 | 0.90 | 0.56 | 1.13 | 1.26 | 0.82 | 0.95 | 0.92 | 0.91 | 0.76 | 1.02 |
| DE0008R | nickel | aerosol | 0.59 | 0.80 | 0.44 | 0.45 | 0.62 | 0.65 | 0.78 | 0.31 | 0.86 | 0.52 | 0.52 | 0.26 | 0.56 |
| DE0009R | nickel | aerosol | 2.30 | 2.95 | 2.17 | 2.50 | 1.93 | 2.90 | 2.45 | 1.45 | 1.59 | 1.78 | 1.29 | 1.26 | 2.04 |
| DK0003R | nickel | aerosol | 1.68 | 1.57 | 1.55 | 1.25 | 1.33 | 1.32 | 1.57 | 0.62 | 1.76 | 0.79 | 0.54 | 0.59 | 1.22 |
| DK0005R | nickel | aerosol | 2.23 | 2.98 | 2.15 | 3.43 | 3.22 | 3.40 | 3.43 | 1.55 | 3.99 | 1.93 | 0.88 | 0.72 | 2.56 |
| DK0008R | nickel | aerosol | 1.95 | 2.26 | 2.45 | 2.72 | 2.01 | 2.32 | 2.52 | 1.27 | 2.33 | 0.92 | 0.94 | 0.60 | 1.85 |
| DK0031R | nickel | aerosol | 1.64 | 1.33 | 1.41 | 1.33 | 1.25 | 1.50 | 1.85 | 0.80 | 1.68 | 0.64 | 0.44 | 0.37 | 1.18 |
| ES0008R | nickel | aerosol | - | 0.42 | 0.42 | - | 1.67 | 1.60 | 0.42 | 1.17 | - | - | - | - | 0.95 |
| ES0009R | nickel | pm10 | 0.60 | 0.52 | 0.57 | 0.75 | 0.42 | 0.69 | 1.02 | 0.55 | 0.73 | 0.72 | 0.77 | 0.53 | 0.66 |
| FI0036R | nickel | aerosol | 0.34 | 0.92 | 0.72 | 0.63 | 0.61 | 0.22 | 0.19 | 0.87 | 0.93 | 0.63 | 0.19 | 0.26 | 0.54 |
| GB0013R | nickel | pm10 | 2.27 | 0.93 | 0.92 | 1.09 | 1.71 | 4.00 | 2.56 | 0.37 | 1.57 | 1.23 | 0.53 | 0.68 | 1.47 |
| GB0017R | nickel | pm10 | 2.43 | 1.77 | 1.67 | 1.63 | 0.60 | 2.53 | 5.01 | 1.38 | 3.21 | 1.62 | 1.03 | 0.96 | 2.05 |
| GB0091R | nickel | pm10 | 0.70 | 0.34 | 0.48 | 0.13 | 0.90 | 3.14 | 0.74 | 0.31 | 0.48 | 0.41 | 0.08 | 0.15 | 0.65 |
| IS0091R | nickel | aerosol | 225.31 | 7.14 | 2.74 | 1.37 | 4.71 | 8.99 | 5.38 | 3.80 | 6.81 | 5.12 | 4.89 | 2.90 | 23.56 |
| LT0015R | nickel | aerosol | 1.33 | 1.45 | 1.07 | 1.19 | 1.05 | 0.75 | 0.47 | 0.46 | 0.36 | 0.50 | 0.65 | 0.61 | 0.82 |
| LV0016R | nickel | aerosol | 0.78 | 1.00 | 0.87 | 0.44 | 0.80 | 0.77 | 1.26 | 0.21 | 0.65 | 0.51 | 0.42 | 0.26 | 0.66 |
| NL0008R | nickel | aerosol | 1.64 | 1.59 | 1.30 | 2.21 | 2.55 | 1.58 | 2.22 | 2.18 | 2.41 | 1.88 | 1.66 | 1.53 | 1.87 |
| NL0009R | nickel | aerosol | - | 1.55 | 1.32 | 1.87 | 1.75 | 2.02 | 2.37 | 1.58 | 1.67 | 1.42 | 1.24 | 0.94 | 1.61 |
| NO0001R | nickel | pm10 | 1.13 | 1.44 | 0.75 | 0.67 | 0.52 | 0.73 | 1.19 | 0.56 | 0.92 | 0.39 | 0.39 | 0.38 | 0.75 |
| NO0042G | nickel | aerosol | 0.07 | 0.09 | 0.09 | 0.11 | 0.08 | 0.02 | 0.04 | 0.02 | 0.03 | 0.02 | 0.03 | 0.02 | 0.05 |
| PL0005R | nickel | pm10 | 2.11 | 1.79 | 1.26 | 0.85 | 0.76 | 1.01 | 0.86 | 0.62 | 1.26 | 2.36 | 1.21 | 1.40 | 1.29 |
| SE0014R | nickel | aerosol | 2.00 | 1.63 | 1.63 | 1.99 | 2.38 | 6.92 | 2.31 | 0.85 | 0.81 | 0.59 | 0.74 | - | 2.02 |
| SI0008R | nickel | pm10 | 1.88 | 0.90 | 2.93 | 1.30 | 1.75 | 1.22 | 1.98 | 0.90 | 3.30 | 1.38 | 3.40 | 1.78 | 1.89 |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK0002R | nickel | aerosol | 0.32 | 0.33 | 0.47 | 0.75 | 1.04 | 1.13 | 0.61 | 0.42 | 0.50 | 0.23 | 0.98 | 0.57 | 0.60 |
| SK0004R | nickel | aerosol | 0.54 | 0.69 | 0.47 | 0.55 | 0.46 | 0.51 | 0.68 | 0.28 | 0.44 | 0.65 | 0.42 | 0.47 | 0.51 |
| SK0005R | nickel | aerosol | 1.59 | 0.84 | 0.69 | 0.73 | 0.63 | 0.42 | 0.99 | 0.73 | 0.79 | 0.84 | 0.90 | 1.14 | 0.84 |
| SK0006R | nickel | aerosol | 0.64 | 1.06 | 1.05 | 0.57 | 0.59 | 0.39 | 0.49 | 0.44 | 0.72 | 0.96 | 0.85 | 0.68 | 0.71 |
| SK0007R | nickel | aerosol | 1.52 | 2.27 | 2.33 | 1.60 | 0.69 | 1.05 | 1.98 | 7.04 | 2.83 | 2.73 | 2.73 | 2.73 | 2.52 |
| DE0001R | selenium | aerosol | 0.73 | 0.46 | 0.53 | 0.36 | 0.52 | 0.19 | 0.57 | 0.31 | 0.57 | 0.55 | 0.51 | 0.34 | 0.49 |
| DE0002R | selenium | aerosol | 1.39 | 0.47 | 0.58 | 0.60 | 0.53 | 0.46 | 0.66 | 0.52 | 0.98 | 0.59 | 0.41 | 0.64 | 0.65 |
| DE0003R | selenium | aerosol | 0.11 | 0.23 | 0.21 | 0.20 | - | 0.35 | 0.36 | 0.12 | 0.08 | 0.03 | 0.03 | 0.03 | 0.15 |
| DE0007R | selenium | aerosol | 1.20 | 0.19 | 0.31 | 0.25 | 0.18 | 0.82 | 0.56 | 0.27 | 0.81 | 0.70 | 0.67 | 0.53 | 0.54 |
| DE0008R | selenium | aerosol | 0.35 | 0.15 | 0.12 | 0.38 | 0.53 | 0.69 | 0.80 | 0.42 | 0.68 | 0.81 | 0.54 | 0.51 | 0.50 |
| DE0009R | selenium | aerosol | 1.05 | 0.34 | 0.33 | 0.56 | 0.43 | 0.31 | 0.14 | 0.16 | 0.52 | 0.49 | 0.28 | 0.14 | 0.39 |
| DK0003R | selenium | aerosol | 0.55 | 0.32 | 0.26 | 0.33 | 0.43 | 0.50 | 0.54 | 0.33 | 0.82 | 0.35 | 0.31 | 0.22 | 0.42 |
| DK0005R | selenium | aerosol | 0.76 | 0.42 | 0.35 | 0.46 | 0.51 | 0.53 | 0.61 | 0.46 | 1.03 | 0.82 | 0.44 | 0.31 | 0.57 |
| DK0008R | selenium | aerosol | 0.62 | 0.30 | 0.22 | 0.36 | 0.39 | 0.45 | 0.55 | 0.36 | 0.85 | 0.43 | 0.35 | 0.29 | 0.43 |
| DK0031R | selenium | aerosol | 0.62 | 0.31 | 0.24 | 0.36 | 0.43 | 0.48 | 0.66 | 0.40 | 0.88 | 0.35 | 0.31 | 0.27 | 0.44 |
| DE0001R | vanadium | aerosol | 4.33 | 3.40 | 3.98 | 5.37 | 4.30 | 2.46 | 5.42 | 2.09 | 3.67 | 3.28 | 2.51 | 2.41 | 3.67 |
| DE0002R | vanadium | aerosol | 2.97 | 2.28 | 2.21 | 2.65 | 1.67 | 1.93 | 2.39 | 1.18 | 1.63 | 1.37 | 1.30 | 1.52 | 1.92 |
| DE0003R | vanadium | aerosol | 0.33 | 0.29 | 0.55 | 0.53 | - | 1.56 | 1.16 | 0.59 | 1.12 | 0.95 | 0.75 | 0.45 | 0.71 |
| DE0007R | vanadium | aerosol | 3.35 | 2.39 | 2.25 | 1.68 | 1.30 | 1.67 | 1.83 | 1.07 | 1.39 | 1.16 | 1.09 | 1.29 | 1.70 |
| DE0008R | vanadium | aerosol | 1.83 | 1.43 | 1.33 | 1.43 | 1.19 | 1.32 | 1.73 | 0.80 | 1.29 | 0.89 | 1.04 | 0.89 | 1.26 |
| DE0009R | vanadium | aerosol | 4.80 | 6.94 | 5.13 | 6.70 | 7.70 | 5.98 | 5.17 | 2.75 | 2.90 | 2.81 | 1.89 | 2.50 | 4.59 |
| FI0036R | vanadium | aerosol | 0.66 | 1.90 | 0.72 | 0.98 | 0.48 | 0.47 | 0.24 | 0.43 | 0.31 | 0.32 | 0.31 | 0.29 | 0.59 |
| IS0091R | vanadium | aerosol | 2.82 | 5.74 | 6.04 | 2.97 | 3.73 | 1.25 | 1.09 | 1.46 | 2.07 | 5.90 | 6.88 | 1.53 | 3.45 |
| NO0001R | vanadium | pm10 | 1.31 | 1.36 | 0.99 | 1.51 | 1.34 | 1.85 | 1.79 | 0.81 | 1.75 | 0.72 | 0.65 | 0.40 | 1.20 |
| NO0042G | vanadium | aerosol | 0.10 | 0.21 | 0.22 | 0.21 | 0.17 | 0.05 | 0.09 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | 0.10 |
| BE0014R | zinc | aerosol | 50.08 | 29.57 | 40.82 | 33.74 | 55.33 | 34.58 | 39.60 | 7.70 | 54.68 | 39.48 | 24.53 | 27.21 | 36.69 |
| DE0001R | zinc | aerosol | 28.52 | 15.88 | 19.77 | 9.18 | 12.43 | 4.30 | 9.08 | 5.59 | 16.35 | 14.20 | 10.88 | 8.23 | 13.58 |
| DE0002R | zinc | aerosol | 61.65 | 22.48 | 22.95 | 19.84 | 18.91 | 24.28 | 12.29 | 13.81 | 27.31 | 22.95 | 19.54 | 20.64 | 23.71 |
| DE0003R | zinc | aerosol | 6.32 | 7.59 | 7.67 | 6.80 | - | 10.52 | 14.45 | 4.74 | 9.83 | 7.74 | 4.83 | 5.10 | 7.66 |
| DE0007R | zinc | aerosol | 81.53 | 20.65 | 27.54 | 15.01 | 14.49 | 23.33 | 27.39 | 37.73 | 57.42 | 48.37 | 57.14 | 30.74 | 36.68 |
| DE0008R | zinc | aerosol | 13.80 | 7.03 | 9.85 | 7.67 | 18.14 | 21.85 | 18.46 | 5.25 | 17.63 | 12.96 | 9.25 | 7.63 | 12.32 |
| DE0009R | zinc | aerosol | 52.12 | 18.91 | 16.81 | 7.59 | 13.41 | 7.56 | 7.09 | 4.27 | 23.31 | 23.58 | 19.53 | 11.42 | 17.19 |
| DK0003R | zinc | aerosol | 25.04 | 18.31 | 15.23 | 6.34 | 19.90 | 12.08 | 10.96 | 7.20 | 26.00 | 12.73 | 9.05 | 12.07 | 14.60 |
| DK0005R | zinc | aerosol | 33.33 | 15.11 | 15.48 | 10.31 | 14.34 | 8.60 | 9.31 | 8.71 | 26.80 | 21.94 | 11.86 | 7.28 | 15.57 |
| DK0008R | zinc | aerosol | 24.34 | 14.18 | 11.53 | 8.28 | 9.98 | 7.75 | 6.73 | 6.27 | 17.38 | 17.01 | 7.18 | 2.42 | 11.08 |
| DK0031R | zinc | aerosol | 25.31 | 12.74 | 12.43 | 7.31 | 11.23 | 9.51 | 10.07 | 7.82 | 19.26 | 10.84 | 6.05 | 2.66 | 11.26 |
| ES0009R | zinc | pm10 | 7.41 | 10.37 | 19.72 | 39.74 | 10.36 | 3.71 | 6.80 | 8.60 | 6.66 | 5.84 | 3.69 | 2.64 | 10.82 |
| FI0036R | zinc | aerosol | 2.96 | 7.39 | 2.50 | 5.82 | 4.18 | 1.92 | 1.33 | 3.63 | 2.31 | 0.59 | 2.15 | 1.03 | 2.94 |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GB0013R | zinc | pm10 | 11.14 | 11.65 | 4.78 | 5.03 | 5.03 | 26.75 | 17.31 | 1.49 | 4.94 | 6.98 | 5.36 | 4.36 | 8.57 |
| GB0017R | zinc | pm10 | 23.49 | 12.49 | 16.62 | 4.91 | 1.53 | 5.61 | 7.74 | 2.26 | 16.95 | 16.25 | 18.23 | 3.18 | 10.83 |
| GB0091R | zinc | pm10 | 1.53 | 1.44 | 2.90 | 1.15 | 8.79 | 18.86 | 4.68 | 1.65 | 4.07 | 4.45 | 1.58 | 37.43 | 7.43 |
| IS0091R | zinc | aerosol | 43.49 | 4.34 | 6.32 | 3.11 | 5.70 | 3.98 | 4.16 | 2.64 | 4.53 | 3.44 | 5.44 | 16.08 | 8.65 |
| LT0015R | zinc | aerosol | 33.50 | 25.70 | 17.59 | 18.31 | 18.27 | 20.66 | 29.98 | 11.32 | 14.36 | 18.12 | 17.94 | 12.75 | 19.75 |
| LV0010R | zinc | aerosol | 37.72 | 44.25 | 25.71 | 28.94 | 32.85 | 44.56 | 59.57 | 25.44 | 5.83 | 30.20 | 16.39 | 5.44 | 29.10 |
| LV0016R | zinc | aerosol | 19.00 | 12.36 | 14.14 | 14.00 | 14.59 | 8.21 | 15.44 | 10.73 | 13.05 | 13.59 | 12.73 | 8.86 | 13.08 |
| NL0008R | zinc | aerosol | 37.68 | 20.73 | 21.51 | 17.70 | 31.99 | 17.58 | 18.71 | 22.99 | 32.13 | 38.53 | 28.12 | 29.33 | 26.26 |
| NL0009R | zinc | aerosol | - | 20.94 | 17.02 | 21.01 | 18.26 | 18.28 | 16.48 | 14.08 | 25.05 | 31.99 | 17.36 | 17.23 | 19.65 |
| NO0001R | zinc | pm10 | 11.52 | 9.78 | 7.33 | 4.98 | 5.49 | 3.98 | 3.48 | 3.28 | 10.01 | 4.61 | 2.79 | 2.05 | 5.77 |
| NO0042G | zinc | aerosol | 2.26 | 2.07 | 2.80 | 1.65 | 3.78 | 0.54 | 0.62 | 0.64 | 1.64 | 1.06 | 0.71 | 2.15 | 1.64 |
| PL0005R | zinc | pm10 | 46.94 | 43.18 | 28.19 | 18.64 | 13.28 | 7.82 | 9.48 | 12.84 | 12.93 | 55.97 | 33.11 | 19.47 | 25.09 |
| SK0002R | zinc | aerosol | 1.09 | 2.15 | 4.58 | 7.22 | 10.14 | 10.31 | 10.21 | 7.27 | 10.84 | 8.29 | 3.34 | 1.35 | 6.45 |
| SK0004R | zinc | aerosol | 26.38 | 29.63 | 20.50 | 14.22 | 10.64 | 12.60 | 11.37 | 7.49 | 11.97 | 15.40 | 13.82 | 20.29 | 16.17 |
| SK0005R | zinc | aerosol | 44.80 | 46.86 | 38.24 | 25.09 | 12.86 | 18.40 | 20.93 | 13.67 | 21.38 | 25.22 | 25.50 | 34.66 | 26.51 |
| SK0006R | zinc | aerosol | 19.37 | 27.50 | 17.69 | 10.91 | 16.69 | 9.32 | 10.50 | 10.99 | 14.80 | 20.38 | 20.27 | 21.96 | 16.63 |
| SK0007R | zinc | aerosol | 42.91 | 27.80 | 29.36 | 12.01 | 11.76 | 11.08 | 15.09 | 7.39 | 18.27 | 21.70 | 21.70 | 21.70 | 19.84 |

# 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CZ0003R | acenaphthene | precip | 1.02 | 0.91 | 0.53 | 0.60 | 0.55 | 0.61 | 0.59 | 0.51 | 0.88 | 0.91 | 0.90 | 0.71 | 0.65 |
| CZ0003R | acenaphthylene | precip | 3.98 | 3.02 | 0.94 | 0.52 | 0.14 | 0.06 | 0.11 | 0.34 | 1.14 | 0.89 | 1.08 | 1.60 | 0.81 |
| BE0014R | alpha_HCH | precip | 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 |
| CZ0003R | alpha_HCH | precip | 0.05 | 0.14 | 0.06 | 0.05 | 0.34 | 0.05 | 0.16 | 0.08 | 0.05 | 0.10 | 0.05 | 0.35 | 0.11 |
| DE0001R | alpha_HCH | precip | 0.33 | 0.242 | 0.192 | 0.273 | 0.345 | - | 0.094 | 0.158 | 0.176 | 0.185 | 0.242 | 0.222 | 0.216 |
| DE0009R | alpha_HCH | precip | 0.214 | 0.126 | 0.25 | 0.145 | 0.308 | 0.33 | 0.16 | 0.237 | 0.15 | 0.059 | 0.199 | 0.18 | 0.209 |
| FI0096G | alpha_HCH | precip+dry_dep | 0.01 | 0.06 | 0.03 | 0.02 | 0.03 | 0.02 | 0.051 | 0.06 | 0.09 | 0.03 | 0.02 | 0.02 | 0.037 |
| IS0091R | alpha_HCH | precip | 0.071 | 0.088 | 0.059 | 0.129 | 0.08 | 0.084 | 0.089 | 0.087 | 0.057 | 0.083 | 0.073 | 0.071 | 0.08 |
| NO0001R | alpha_HCH | precip | 0.107 | 0.096 | - | - | 0.25 | 0.216 | 0.234 | 0.31 | 0.233 | 0.23 | 0.22 | 0.194 | 0.21 |
| SE0012R | alpha_HCH | precip+dry_dep | 0 | 0 | 0 | 0.1 | 0.1 | 2.54 | 0.07 | 0.2 | 0 | 0.29 | 0 | 0.04 | 0.158 |
| SE0014R | alpha_HCH | precip+dry_dep | 0.013 | 0.029 | 0.01 | 0.066 | 0.208 | 0.12 | 0.115 | 0.474 | 0.176 | 0.24 | 0.082 | 0.249 | 0.15 |
| DE0001R | anthracene | precip | 1.267 | 0.483 | 1.15 | 0.41 | 0.163 | - | 0.63 | 0.196 | 0.7 | 0.463 | 0.891 | 0.19 | 0.485 |
| DE0009R | anthracene | precip | 6.194 | 0.398 | 0.77 | 0.553 | 0.208 | 1.01 | 0.956 | 0.183 | 0.29 | 1.102 | 0.842 | 0.87 | 0.691 |
| FI0096G | anthracene | precip+dry_dep | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0.138 |
| SE0012R | anthracene | precip+dry_dep | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 15 | 0 | 3.161 |
| SE0014R | anthracene | precip+dry_dep | 1 | 1 | 1 | 0.767 | 0 | 0 | 0.935 | 0.871 | 0 | 0 | 0.833 | 1 | 0.616 |
| CZ0003R | benzo_a_anthracene | precip | 7.942 | 6.021 | 1.938 | 2.004 | 0.296 | 0.133 | 0.100 | 0.111 | 0.122 | 0.276 | 1.116 | 1.749 | 1.517 |
| DE0001R | benz_a_anthracene | precip | 7.421 | 1.234 | 5.12 | 2.928 | 0.527 | - | 1.08 | 0.101 | 0.47 | 0.785 | 3.832 | 1.22 | 1.679 |
| DE0009R | benz_a_anthracene | precip | 46.289 | 3.482 | 2.07 | 3.011 | 1.316 | 1.39 | 1.229 | 0.369 | 0.34 | 1.349 | 2.533 | 2.14 | 2.767 |
| CZ0003R | benzo_a_pyrene | precip | 5.254 | 3.046 | 1.174 | 1.229 | 0.196 | 0.141 | 0.220 | 0.150 | 0.511 | 0.254 | 0.547 | 0.277 | 0.937 |
| DE0001R | benzo_a_pyrene | precip | 7.113 | 2.528 | 4.78 | 3.931 | 0.999 | - | 2.1 | 0.416 | 1.6 | 1.482 | 4.702 | 1.17 | 2.203 |
| DE0009R | benzo_a_pyrene | precip | 33.917 | 3.141 | 2.12 | 4.018 | 2.047 | 3.94 | 2.762 | 3.058 | 0.62 | 2.344 | 3.676 | 3.19 | 3.64 |
| FI0096G | benzo_a_pyrene | precip+dry_dep | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 17 | 2 | 1.655 |
| SE0012R | benzo_a_pyrene | precip+dry_dep | - | - | - | 1 | 1 | 2 | 1 | 0 | 2 | 135 | 91 | 0 | 26.29 |
| SE0014R | benzo_a_pyrene | precip+dry_dep | 7.71 | 4.929 | 4.806 | 7.833 | 3.355 | 2 | 4.806 | 4.742 | 3 | 3 | 7.167 | 6.194 | 4.961 |
| CZ0003R | benzo_b_fluoranthene | precip | 10.478 | 6.955 | 2.968 | 2.916 | 0.658 | 0.694 | 0.255 | 0.121 | 0.633 | 0.634 | 2.150 | 0.859 | 2.182 |
| CZ0003R | benzo_k_fluoranthene | precip | 4.171 | 3.845 | 1.796 | 1.614 | 0.427 | 0.451 | 0.123 | 0.071 | 0.300 | 0.412 | 1.149 | 0.600 | 1.135 |
| DE0001R | benzo_bjk_fluoranthenes | precip | 37.641 | 8.881 | 20.8 | 12.544 | 3.117 | - | 7.64 | 0.962 | 4.29 | 4.571 | 21.219 | 5.7 | 8.929 |
| DE0009R | benzo_bjk_fluoranthenes | precip | 169.363 | 21.622 | 11.25 | 12.175 | 5.672 | 7.24 | 9.239 | 1.306 | 2.19 | 7.481 | 12.339 | 9.57 | 12.087 |
| DE0001R | benzo_ghi_perylene | precip | 10.41 | 2.002 | 5.54 | 3.704 | 0.885 | - | 1.51 | 0.156 | 1.01 | 0.9 | 5.305 | 1.4 | 2.231 |
| DE0009R | benzo_ghi_perylene | precip | 43.741 | 5.921 | 2.61 | 2.94 | 1.493 | 2.3 | 1.756 | 0.465 | 0.65 | 1.785 | 3.385 | 2.74 | 3.18 |
| FI0096G | benzo_ghi_perylene | precip+dry_dep | 0 | 1 | 0 | 0 | 2 | 0 | 2.333 | 4 | 3 | 0 | 15 | 2 | 2.241 |
| SE0012R | benzo_ghi_perylene | precip+dry_dep | - | - | - | 0.5 | 0.5 | 5 | 3 | 1 | 5 | 157 | 161 | 0.5 | 37.645 |
| SE0014R | benzo_ghi_perylene | precip+dry_dep | 9.613 | 5.929 | 5.323 | 6.067 | 2.355 | 1 | 1.032 | 2 | 2.2 | 3 | 8.833 | 6.387 | 4.466 |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CZ0003R | beta_HCH | precip | 0.050 | 0.051 | 0.058 | 0.050 | 0.245 | 0.086 | 0.050 | 8.068 | 0.050 | 0.211 | 0.315 | 0.138 | 1.364 |
| IS0091R | beta_HCH | precip | 0.002 | 0.007 | 0.011 | 0.006 | 0.004 | 0.004 | 0.004 | 0.006 | 0.002 | 0.002 | 0.002 | 0.003 | 0.004 |
| IS0091R | cis_CD | precip | 0.004 | 0.002 | 0.004 | 0.002 | 0.002 | 0.002 | 0.002 | 0.003 | 0.001 | 0.003 | 0.002 | 0.003 | 0.002 |
| IS0091R | trans_CD | precip | 0.003 | 0.002 | 0.004 | 0.002 | 0.002 | 0.001 | 0.002 | 0.003 | 0.001 | 0.001 | 0.002 | 0.001 | 0.002 |
| IS0091R | trans_NO | precip | 0.004 | 0.002 | 0.004 | 0.002 | 0.002 | 0.005 | 0.002 | 0.003 | 0.001 | 0.001 | 0.002 | 0.003 | 0.002 |
| CZ0003R | chrysene | precip | 13.800 | 17.966 | 7.386 | 6.203 | 1.003 | 1.135 | 0.370 | 0.284 | 0.889 | 1.316 | 4.756 | 6.593 | 4.337 |
| CZ0003R | dibenzo_ah_anthracene | precip | 0.459 | 0.339 | 0.160 | 0.177 | 0.111 | 0.104 | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 | 0.155 |
| DE0001R | dibenzo_ah_anthracene | precip | 2.898 | 0.508 | 1.89 | 1.086 | 0.223 | - | 0.41 | 0.125 | 0.3 | 0.179 | 0.812 | 0.12 | 0.499 |
| DE0009R | dibenzo_ah_anthracene | precip | 10.497 | 1.55 | 0.72 | 0.664 | 0.238 | 0.34 | 0.59 | 0.122 | 0.19 | 0.724 | 0.458 | 0.58 | 0.74 |
| BE0014R | dieldrin | precip | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| DE0001R | dieldrin | precip | 0.15 | 0.123 | 0.125 | 0.172 | 0.13 | - | 0.037 | 0.03 | 0.058 | 0.101 | 0.122 | 0.129 | 0.098 |
| DE0009R | dieldrin | precip | 0.091 | 0.044 | 0.13 | 0.122 | 0.066 | 0.26 | 0.082 | 0.05 | 0.06 | 0.051 | 0.061 | 0.07 | 0.077 |
| IS0091R | dieldrin | precip | 0.027 | 0.029 | 0.025 | 0.047 | 0.019 | 0.017 | 0.029 | 0.023 | 0.019 | 0.028 | 0.042 | 0.032 | 0.028 |
| BE0014R | endrin | precip | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| DE0001R | endrin | precip | 0.066 | 0.05 | 0.04 | 0.06 | 0.036 | - | 0.009 | 0.004 | 0.015 | 0.013 | 0.022 | 0.02 | 0.023 |
| DE0009R | endrin | precip | 0.086 | 0.04 | 0.03 | 0.078 | 0.032 | 0.06 | 0.042 | 0.01 | 0.01 | 0.045 | 0.02 | 0.02 | 0.028 |
| DE0001R | fluoranthene | precip | 50.029 | 14.273 | 32.92 | 17.211 | 11.404 | - | 15.38 | 2.955 | 7.33 | 8.147 | 23.686 | 8.85 | 13.371 |
| DE0009R | fluoranthene | precip | 217.919 | 32.666 | 25.71 | 22.397 | 9.893 | 11.07 | 11.686 | 4.592 | 3.63 | 8.178 | 14.399 | 16.27 | 18.293 |
| FI0096G | fluoranthene | precip+dry_dep | 2 | 6 | 1 | 2 | 10 | 1 | 1 | 1 | 4 | 2 | 51 | 5 | 6.425 |
| SE0012R | fluoranthene | precip+dry_dep | - | - | - | 9 | 9 | 27 | 8 | 7 | 12 | 417 | 311 | 12 | 91.532 |
| SE0014R | fluoranthene | precip+dry_dep | 38.258 | 52.857 | 26.129 | 27.8 | 11.419 | 6 | 6.097 | 8.871 | 8.8 | 12 | 29.5 | 37.516 | 21.897 |
| BE0014R | gamma_HCH | precip | 1 | 1 | 4.632 | 7 | 2.748 | 1.308 | 1 | 1.018 | 2.837 | 3.378 | 1 | 1 | 2.113 |
| CZ0003R | gamma_HCH | precip | 2.071 | 0.097 | 0.107 | 0.179 | 0.718 | 1.136 | 0.922 | 0.601 | 0.289 | 0.401 | 0.424 | 0.261 | 0.673 |
| DE0001R | gamma_HCH | precip | 0.936 | 0.657 | 1.081 | 1.668 | 1.909 | - | 1.874 | 0.541 | 1.14 | 1.046 | 0.851 | 0.915 | 1.04 |
| DE0009R | gamma_HCH | precip | 1.541 | 1.04 | 1.88 | 1.84 | 1.41 | 3.23 | 2.017 | 0.771 | 1.15 | 1.35 | 1.07 | 1.07 | 1.302 |
| FI0096G | gamma_HCH | precip+dry_dep | 0.03 | 0.04 | 0.04 | 0.05 | 0.04 | 0.05 | 0.081 | 0.1 | 0.08 | 0.06 | 0.22 | 0.06 | 0.069 |
| IS0091R | gamma_HCH | precip | 0.031 | 0.035 | 0.026 | 0.057 | 0.035 | 0.067 | 0.051 | 0.031 | 0.04 | 0.038 | 0.034 | 0.028 | 0.041 |
| NL0091R | gamma_HCH | precip | 5 | - | 3 | 4.553 | 4.323 | 3.178 | 3.507 | 2.301 | 3.027 | 2.734 | 4 | 4.756 | 3.377 |
| NO0001R | gamma_HCH | precip | 0.282 | 0.232 | - | - | 0.912 | 0.548 | 0.516 | 0.591 | 0.544 | 0.412 | 0.558 | 0.348 | 0.473 |
| SE0012R | gamma_HCH | precip+dry_dep | 0 | 0 | 0 | 0.19 | 0.29 | 2.46 | 0.14 | 0.53 | 0.03 | 1.15 | 0 | 0.06 | 0.229 |
| SE0014R | gamma_HCH | precip+dry_dep | 0.026 | 0.059 | 0.038 | 0.165 | 0.533 | 0.37 | 0.523 | 0.861 | 0.614 | 0.95 | 0.333 | 0.526 | 0.42 |
| DE0001R | HCB | precip | 0.03 | 0.035 | 0.021 | 0.07 | 0.01 | - | 0.019 | 0.049 | 0.017 | 0.007 | 0.016 | 0.014 | 0.025 |
| DE0009R | HCB | precip | 0.04 | 0.088 | 0.04 | 0.112 | 0.043 | 0.11 | 0.039 | 0.03 | 0.03 | 0.167 | 0.019 | 0.01 | 0.048 |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IS0091R | HCB | precip | 0.012 | 0.01 | 0.023 | 0.018 | 0.011 | 0.007 | 0.006 | 0.007 | 0.006 | 0.007 | 0.011 | 0.009 | 0.009 |
| NO0001R | HCB | precip | 0.037 | 0.059 | - | - | 0.299 | 0.305 | 0.442 | 0.309 | 0.147 | 0.12 | 0.037 | 0.041 | 0.134 |
| BE0014R | heptachlor | precip | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| DE0001R | heptachlor | precip | 0.037 | 0.029 | 0.023 | 0.08 | 0.05 | - | 0.003 | 0.001 | 0.004 | 0.006 | 0.004 | 0.005 | 0.015 |
| DE0009R | heptachlor | precip | 0.05 | 0.02 | 0.02 | 0.092 | 0.042 | 0.08 | 0.018 | 0 | 0 | 0.018 | 0.01 | 0.01 | 0.02 |
| CZ0003R | indeno_123cd_pyrene | precip | 8.769 | 3.168 | 1.425 | 1.468 | 0.284 | 0.307 | 0.100 | 0.100 | 0.100 | 0.253 | 0.743 | 0.100 | 1.272 |
| DE0001R | inden_123cd_pyrene | precip | 12.2 | 2.336 | 6.27 | 3.594 | 0.538 | - | 0.94 | 0.283 | 0.7 | 0.949 | 4.752 | 1.32 | 2.184 |
| DE0009R | inden_123cd_pyrene | precip | 50.345 | 6.504 | 2.62 | 2.998 | 1.472 | 2.53 | 1.549 | 0.275 | 0.44 | 2.57 | 2.299 | 2.87 | 3.276 |
| FI0096G | inden_123cd_pyrene | precip+dry_dep | 1 | 1 | 0 | 1 | 3 | 0 | 0 | 0 | 1 | 0 | 22 | 2 | 2.287 |
| SE0012R | inden_123cd_pyrene | precip+dry_dep | - | - | - | 0 | 0 | 5 | 2 | 0 | 3 | 288 | 209 | 0 | 57.242 |
| SE0014R | inden_123cd_pyrene | precip+dry_dep | 14.323 | 7.786 | 5.968 | 9.133 | 2.677 | 2 | 1.097 | 2.129 | 3.2 | 4 | 9 | 8.194 | 5.775 |
| CZ0003R | pp_DDD | precip | 0.539 | 0.050 | 0.050 | 0.050 | 0.068 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.085 |
| CZ0003R | pp_DDE | precip | 0.231 | 0.110 | 0.057 | 0.074 | 0.050 | 0.050 | 0.050 | 0.053 | 0.050 | 0.050 | 0.050 | 0.050 | 0.070 |
| CZ0003R | pp_DDT | precip | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 |
| DE0001R | op_DDD | precip | 0.021 | 0.019 | 0.014 | 0.019 | 0.01 | - | 0.018 | 0.002 | 0.005 | 0.014 | 0.004 | 0.008 | 0.009 |
| DE0009R | op_DDD | precip | 0.026 | 0.01 | 0.02 | 0.028 | 0.032 | 0.09 | 0.019 | 0.01 | 0.02 | 0.011 | 0.011 | 0.03 | 0.021 |
| DE0001R | op_DDE | precip | 0.031 | 0.028 | 0.021 | 0.024 | 0.011 | - | 0.018 | 0.001 | 0.004 | 0.002 | 0.002 | 0.003 | 0.008 |
| DE0009R | op_DDE | precip | 0.042 | 0.02 | 0.02 | 0.028 | 0.011 | 0.02 | 0.011 | 0 | 0 | 0.019 | 0.019 | 0 | 0.011 |
| DE0001R | op_DDT | precip | 0.048 | 0.04 | 0.024 | 0.041 | 0.021 | - | 0.009 | 0.003 | 0.007 | 0.003 | 0.004 | 0.005 | 0.012 |
| DE0009R | op_DDT | precip | 0.064 | 0.03 | 0.04 | 0.056 | 0.053 | 0.16 | 0.098 | 0.021 | 0.04 | 0.041 | 0.05 | 0.05 | 0.047 |
| IS0091R | op_DDT | precip | 0.022 | 0.034 | 0.022 | 0.009 | 0.009 | 0.008 | 0.011 | 0.013 | 0.003 | 0.002 | 0.009 | 0.008 | 0.01 |
| 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 |
| DE0001R | pp_DDD | precip | 0.019 | 0.017 | 0.011 | 0.048 | 0.011 | - | 0.017 | 0.002 | 0.009 | 0.009 | 0.011 | 0.009 | 0.011 |
| DE0009R | pp_DDD | precip | 0.13 | 0.079 | 0.05 | 0.138 | 0.104 | 0.23 | 0.105 | 0.031 | 0.06 | 0.059 | 0.041 | 0.06 | 0.07 |
| IS0091R | pp_DDD | precip | 0.007 | 0.005 | 0.007 | 0.004 | 0.003 | 0.003 | 0.004 | 0.006 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| BE0014R | pp_DDE | precip | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| DE0001R | pp_DDE | precip | 0.041 | 0.037 | 0.024 | 0.078 | 0.016 | - | 0.039 | 0.004 | 0.012 | 0.006 | 0.009 | 0.008 | 0.016 |
| DE0009R | pp_DDE | precip | 0.157 | 0.079 | 0.06 | 0.14 | 0.147 | 0.36 | 0.235 | 0.1 | 0.1 | 0.106 | 0.071 | 0.09 | 0.117 |
| IS0091R | pp_DDE | precip | 0.004 | 0.005 | 0.007 | 0.004 | 0.003 | 0.003 | 0.004 | 0.006 | 0.002 | 0.002 | 0.002 | 0.003 | 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 |
| DE0001R | pp_DDT | precip | 0.051 | 0.045 | 0.068 | 0.104 | 0.038 | - | 0.042 | 0.012 | 0.008 | 0.008 | 0.015 | 0.011 | 0.025 |
| DE0009R | pp_DDT | precip | 0.466 | 0.258 | 0.22 | 0.292 | 0.246 | 0.41 | 0.383 | 0.094 | 0.23 | 0.25 | 0.286 | 0.52 | 0.25 |
| IS0091R | pp_DDT | precip | 0.018 | 0.005 | 0.013 | 0.024 | 0.011 | 0.003 | 0.004 | 0.006 | 0.003 | 0.006 | 0.004 | 0.006 | 0.007 |
| CZ0003R | PCB_101 | precip | 0.116 | 0.078 | 0.059 | 0.059 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.079 | 0.096 | 0.050 | 0.062 |
| DE0001R | PCB_101 | precip | 0.115 | 0.092 | 0.084 | 0.1 | 0.025 | - | 0.075 | 0.016 | 0.048 | 0.027 | 0.021 | 0.019 | 0.038 |
| DE0009R | PCB_101 | precip | 0.141 | 0.079 | 0.05 | 0.066 | 0.12 | 0.14 | 0.238 | 0.049 | 0.02 | 0.046 | 0.031 | 0.05 | 0.068 |
| FI0096G | PCB_101 | precip+dry_dep | 0.04 | 0.12 | 0.12 | 0.11 | 0.11 | 0.14 | 0.257 | 0.14 | 0.14 | 0.16 | 0.15 | 0.16 | 0.139 |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IS0091R | PCB_101 | precip | 0.001 | 0.059 | 0.074 | 0.03 | 0.008 | 0.006 | 0.007 | 0.006 | 0.002 | 0.005 | 0.014 | 0.015 | 0.013 |
| NO0001R | PCB_101 | precip | 0.022 | 0.016 | - | - | 0.066 | 0.034 | 0.02 | 0.054 | 0.008 | 0.008 | 0.027 | 0.014 | 0.025 |
| SE0012R | PCB_101 | precip+dry_dep | - | - | - | 0.03 | 0.05 | 1.38 | 0.03 | 0.04 | 0.07 | 0.08 | 0.02 | 0.05 | 0.197 |
| SE0014R | PCB_101 | precip+dry_dep | 0.085 | 0.167 | 0.342 | 0.195 | 0.405 | 0.12 | 0.055 | 0.06 | 0.058 | 0.05 | 0.092 | 0.109 | 0.152 |
| IS0091R | PCB_105 | precip | 0.001 | 0.013 | 0.034 | 0.015 | 0.005 | 0.004 | 0.004 | 0.006 | 0.002 | 0.002 | 0.01 | 0.008 | 0.007 |
| CZ0003R | PCB_118 | precip | 0.050 | 0.050 | 0.050 | 0.060 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.051 |
| DE0001R | PCB_118 | precip | 0.063 | 0.037 | 0.025 | 0.019 | 0.023 | - | 0.056 | 0.008 | 0.017 | 0.008 | 0.007 | 0.006 | 0.016 |
| DE0009R | PCB_118 | precip | 0.073 | 0.029 | 0.01 | 0.058 | 0.185 | 0.08 | 0.071 | 0.039 | 0.01 | 0.012 | 0.039 | 0.02 | 0.05 |
| FI0096G | PCB_118 | precip+dry_dep | 0.02 | 0.03 | 0.02 | 0.03 | 0.04 | 0.03 | 0.053 | 0.05 | 0.05 | 0.12 | 0.1 | 0.19 | 0.06 |
| IS0091R | PCB_118 | precip | 0.002 | 0.016 | 0.056 | 0.026 | 0.006 | 0.005 | 0.003 | 0.01 | 0.004 | 0.004 | 0.005 | 0.011 | 0.009 |
| NO0001R | PCB_118 | precip | 0.015 | 0.01 | - | - | 0.041 | 0.019 | 0.02 | 0.029 | 0.006 | 0.005 | 0.022 | 0.017 | 0.018 |
| SE0012R | PCB_118 | precip+dry_dep | - | - | - | 0.02 | 0.03 | 0.44 | 0.01 | 0.03 | 0.03 | 0.04 | 0.03 | 0.02 | 0.073 |
| SE0014R | PCB_118 | precip+dry_dep | 0.067 | 0.146 | 0.411 | 0.295 | 0.771 | 0.08 | 0.136 | 0.14 | 0.124 | 0.06 | 0.102 | 0.146 | 0.213 |
| CZ0003R | PCB_138 | precip | 0.050 | 0.184 | 0.050 | 0.107 | 0.073 | 0.073 | 0.050 | 0.052 | 0.050 | 0.050 | 0.052 | 0.050 | 0.072 |
| DE0001R | PCB_138 | precip | 0.189 | 0.133 | 0.126 | 0.102 | 0.154 | - | 0.131 | 0.029 | 0.085 | 0.036 | 0.035 | 0.031 | 0.069 |
| DE0009R | PCB_138 | precip | 0.228 | 0.108 | 0.07 | 0.287 | 0.191 | 0.17 | 0.348 | 0.224 | 0.03 | 0.059 | 0.069 | 0.06 | 0.148 |
| FI0096G | PCB_138 | precip+dry_dep | 0.07 | 0.06 | 0.18 | 0.15 | 0.18 | 0.24 | 0.17 | 0.19 | 0.19 | 0.12 | 0.23 | 0.16 | 0.159 |
| IS0091R | PCB_138 | precip | 0.004 | 0.03 | 0.066 | 0.024 | 0.01 | 0.009 | 0.017 | 0.018 | 0.005 | 0.007 | 0.033 | 0.038 | 0.019 |
| NO0001R | PCB_138 | precip | 0.024 | 0.019 | - | - | 0.048 | 0.025 | 0.022 | 0.019 | 0.006 | 0.007 | 0.031 | 0.02 | 0.021 |
| SE0012R | PCB_138 | precip+dry_dep | - | - | - | 0.03 | 0.08 | 0.52 | 0.02 | 0.03 | 0.04 | 0.06 | 0.05 | 0.07 | 0.101 |
| SE0014R | PCB_138 | precip+dry_dep | 0.195 | 0.459 | 0.839 | 0.426 | 0.965 | 0.26 | 0.176 | 0.2 | 0.188 | 0.14 | 0.298 | 0.14 | 0.37 |
| CZ0003R | PCB_153 | precip | 0.050 | 0.261 | 0.050 | 0.137 | 0.139 | 0.127 | 0.096 | 0.093 | 0.222 | 0.631 | 1.446 | 0.291 | 0.211 |
| DE0001R | PCB_153 | precip | 0.174 | 0.116 | 0.101 | 0.117 | 0.107 | - | 0.097 | 0.02 | 0.068 | 0.038 | 0.031 | 0.028 | 0.057 |
| DE0009R | PCB_153 | precip | 0.212 | 0.098 | 0.06 | 0.245 | 0.142 | 0.16 | 0.303 | 0.205 | 0.02 | 0.039 | 0.051 | 0.07 | 0.129 |
| FI0096G | PCB_153 | precip+dry_dep | 0.03 | 0.05 | 0.14 | 0.13 | 0.13 | 0.21 | 0.163 | 0.18 | 0.18 | 0.11 | 0.19 | 0.12 | 0.134 |
| IS0091R | PCB_153 | precip | 0.002 | 0.019 | 0.062 | 0.023 | 0.01 | 0.01 | 0.013 | 0.013 | 0.004 | 0.005 | 0.021 | 0.025 | 0.015 |
| NO0001R | PCB_153 | precip | 0.03 | 0.026 | - | - | 0.071 | 0.041 | 0.034 | 0.03 | 0.009 | 0.011 | 0.054 | 0.04 | 0.034 |
| SE0012R | PCB_153 | precip+dry_dep | - | - | - | 0.03 | 0.08 | 0.65 | 0.02 | 0.03 | 0.03 | 0.05 | 0.04 | 0.04 | 0.109 |
| SE0014R | PCB_153 | precip+dry_dep | 0.157 | 0.355 | 0.593 | 0.32 | 0.694 | 0.24 | 0.193 | 0.28 | 0.25 | 0.13 | 0.272 | 0.336 | 0.322 |
| IS0091R | PCB_156 | precip | 0.002 | 0.006 | 0.007 | 0.004 | 0.003 | 0.003 | 0.002 | 0.003 | 0.001 | 0.001 | 0.003 | 0.004 | 0.003 |
| CZ0003R | PCB_180 | precip | 0.056 | 0.267 | 0.050 | 0.143 | 0.076 | 0.073 | 0.058 | 0.054 | 0.100 | 0.050 | 0.050 | 0.050 | 0.082 |
| DE0001R | PCB_180 | precip | 0.077 | 0.041 | 0.045 | 0.068 | 0.062 | - | 0.078 | 0.012 | 0.042 | 0.014 | 0.012 | 0.011 | 0.029 |
| DE0009R | PCB_180 | precip | 0.096 | 0.03 | 0.03 | 0.143 | 0.081 | 0.07 | 0.097 | 0.088 | 0.01 | 0.03 | 0.049 | 0.03 | 0.061 |
| FI0096G | PCB_180 | precip+dry_dep | 0.02 | 0.03 | 0.07 | 0.07 | 0.06 | 0.11 | 0.141 | 0.16 | 0.14 | 0.07 | 0.1 | 0.09 | 0.088 |
| IS0091R | PCB_180 | precip | 0.002 | 0.015 | 0.025 | 0.011 | 0.008 | 0.008 | 0.007 | 0.006 | 0.003 | 0.002 | 0.01 | 0.011 | 0.008 |
| NO0001R | PCB_180 | precip | 0.023 | 0.019 | - | - | 0.031 | 0.02 | 0.014 | 0.009 | 0.004 | 0.004 | 0.018 | 0.012 | 0.014 |
| SE0012R | PCB_180 | precip+dry_dep | - | - | - | 0.02 | 0.05 | 0.13 | 0.01 | 0.02 | 0.02 | 0.05 | 0.05 | 0.01 | 0.04 |
| SE0014R | PCB_180 | precip+dry_dep | 0.126 | 0.307 | 0.461 | 0.165 | 0.306 | 0.15 | 0.215 | 0.02 | 0.042 | 0.13 | 0.197 | 0.318 | 0.218 |
| CZ0003R | PCB_28 | precip | 0.064 | 0.050 | 0.050 | 0.050 | 0.052 | 0.073 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.055 |
| DE0001R | PCB_28 | precip | 0.104 | 0.07 | 0.074 | 0.056 | 0.026 | - | 0.053 | 0.035 | 0.047 | 0.02 | 0.019 | 0.034 | 0.037 |
| DE0009R | PCB_28 | precip | 0.141 | 0.177 | 0.11 | 0.206 | 0.15 | 0.13 | 0.157 | 0.118 | 0.04 | 0.112 | 0.091 | 0.1 | 0.118 |

| Site | Comp | matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IS0091R | PCB_28 | precip | 0.005 | 0.041 | 0.086 | 0.038 | 0.006 | 0.014 | 0.01 | 0.015 | 0.004 | 0.007 | 0.006 | 0.008 | 0.015 |
| NO0001R | PCB_28 | precip | 0.014 | 0.012 | - | - | 0.038 | 0.021 | 0.021 | 0.075 | 0.008 | 0.009 | 0.019 | 0.01 | 0.023 |
| SE0012R | PCB_28 | precip+dry_dep | - | - | - | 0.06 | 0.03 | 0.78 | 0.05 | 0.09 | 0.14 | 0.13 | 0.01 | 0.06 | 0.151 |
| IS0091R | PCB_31 | precip | 0.004 | 0.027 | 0.06 | 0.027 | 0.006 | 0.015 | 0.008 | 0.012 | 0.003 | 0.006 | 0.005 | 0.007 | 0.012 |
| CZ0003R | PCB_52 | precip | 0.142 | 0.050 | 0.094 | 0.466 | 0.067 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.118 |
| DE0001R | PCB_52 | precip | 0.054 | 0.032 | 0.029 | 0.089 | 0.014 | - | 0.034 | 0.015 | 0.024 | 0.01 | 0.009 | 0.008 | 0.02 |
| DE0009R | PCB_52 | precip | 0.067 | 0.03 | 0.02 | 0.036 | 0.102 | 0.2 | 0.111 | 0.02 | 0.01 | 0.028 | 0.02 | 0.02 | 0.042 |
| FI0096G | PCB_52 | 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_52 | precip | 0.002 | 0.013 | 0.033 | 0.014 | 0.003 | 0.008 | 0.004 | 0.006 | 0.002 | 0.002 | 0.002 | 0.003 | 0.006 |
| NO0001R | PCB_52 | precip | 0.015 | 0.012 | - | - | 0.057 | 0.036 | 0.021 | 0.09 | 0.008 | 0.009 | 0.019 | 0.015 | 0.028 |
| SE0012R | PCB_52 | precip+dry_dep | - | - | - | 0.05 | 0.03 | 0.97 | 0.05 | 0.08 | 0.15 | 0.16 | 0.01 | 0.06 | 0.175 |
| SE0014R | PCB_52 | precip+dry_dep | 0.008 | 0.005 | 0.02 | 0.093 | 0.049 | 0.005 | 0.038 | 0.005 | 0.012 | 0.04 | 0.011 | 0.005 | 0.026 |
| CZ0003R | phenanthrene | precip | 37.508 | 58.624 | 24.187 | 16.906 | 5.025 | 5.572 | 4.636 | 5.128 | 6.356 | 6.502 | 12.689 | 29.392 | 14.733 |
| DE0001R | phenanthrene | precip | 41.965 | 15.807 | 29.37 | 13.734 | 7.285 | - | 9.67 | 7.226 | 5.46 | 6.475 | 13.886 | 9.08 | 11.181 |
| DE0009R | phenanthrene | precip | 127.857 | 26.055 | 24.7 | 21.395 | 8.097 | 3.72 | 15.131 | 6.201 | 4.53 | 8.098 | 11.552 | 15.06 | 14.821 |
| FI0096G | phenanthrene | precip+dry_dep | 3 | 12 | 6 | 7 | 11 | 2 | 10.556 | 13 | 15 | 8 | 46 | 10 | 11.54 |
| SE0012R | phenanthrene | precip+dry_dep | - | - | - | 13 | 8 | 12 | 6 | 8 | 14 | 184 | 128 | 2 | 42.129 |
| SE0014R | phenanthrene | precip+dry_dep | 27.774 | 48.286 | 26 | 22.967 | 10.419 | 5 | 9.903 | 15.839 | 8.6 | 11 | 16 | 28.742 | 19.04 |
| CZ0003R | pyrene | precip | 34.945 | 38.640 | 13.690 | 12.532 | 2.312 | 1.969 | 1.491 | 1.513 | 4.467 | 3.632 | 9.415 | 30.366 | 9.780 |
| DE0001R | pyrene | precip | 29.611 | 7.039 | 21.23 | 10.48 | 6.569 | - | 8.53 | 1.158 | 3.35 | 5.196 | 16.612 | 5.28 | 8.186 |
| DE0009R | pyrene | precip | 137.257 | 17.647 | 13.83 | 13.621 | 6.574 | 8.1 | 7.681 | 2.628 | 1.87 | 5.757 | 11.073 | 11.26 | 11.433 |
| FI0096G | pyrene | precip+dry_dep | 4 | 6 | 4 | 3 | 10 | 3 | 1.444 | 1 | 3 | 1 | 33 | 4 | 5.632 |
| SE0012R | pyrene | precip+dry_dep | - | - | - | 5 | 5 | 20 | 7 | 1 | 9 | 296 | 232 | 5 | 65.403 |
| SE0014R | pyrene | precip+dry_dep | 24.032 | 25.214 | 16.29 | 19.967 | 8.065 | 4 | 4.065 | 6 | 6.2 | 7 | 22.833 | 22.387 | 13.75 |
| BE0014R | precipitation_amount | precip | 60 | 61 | 41 | 75 | 150 | 90 | 47 | 202 | 53 | 129 | 122 | 135 | 1165 |
| CZ0003R | precipitation_amount | precip | 47 | 37 | 79 | 81 | 73 | 111 | 40 | 97 | 4 | 22 | 39 | 19 | 649 |
| DE0001R | precipitation_amount | precip | 23 | 30 | 31 | 34 | 69 | 0 | 35 | 140 | 42 | 100 | 111 | 103 | 717 |
| DE0009R | precipitation_amount | precip | 18 | 38 | 54 | 27 | 65 | 28 | 26 | 159 | 68 | 33 | 67 | 45 | 628 |
| IS0091R | precipitation_amount | precip | 90 | 43 | 27 | 51 | 67 | 70 | 48 | 33 | 114 | 71 | 77 | 64 | 757 |
| NO0001R | precipitation_amount | precip | 172 | 169 | 83 | 101 | 115 | 40 | 49 | 216 | 130 | 222 | 275 | 223 | 1794 |
| NL0091R | precipitation_amount_off | precip | 52 | 42 | 73 | 47 | 64 | 42 | 55 | 138 | 86 | 138 | 129 | 94 | 959 |

# 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ES0008R | acenaphthene | pm10 | 0.061 | 0.081 | 0.067 | 0.058 | 0.058 | 0.058 | 0.058 | 0.058 | 0.057 | 0.057 | 0.057 | 0.057 | 0.06 |
| NO0042G | acenaphthene | air+aerosol | 0.014 | 0.018 | 0.035 | 0.002 | 0.004 | 0.002 | 0.007 | 0.005 | 0.003 | 0.006 | 0.014 | 0.019 | 0.011 |
| NO0042G | acenaphthylene | air+aerosol | 0.001 | 0.01 | 0.003 | 0.001 | 0.001 | 0.003 | 0.003 | 0.002 | 0.001 | 0.004 | 0.003 | 0.005 | 0.003 |
| ES0008R | acenaphtylene | pm10 | 0.024 | 0.025 | 0.025 | 0.025 | 0.027 | 0.025 | 0.025 | 0.026 | 0.025 | 0.026 | 0.026 | 0.026 | 0.025 |
| CZ0003R | alpha_HCH | air+aerosol | 13.363 | 29.275 | 23.39 | 19.325 | 25.16 | 16.37 | 28.2 | 17.58 | 37.762 | 22.9 | 13.69 | 11.65 | 21.205 |
| FI0096G | alpha_HCH | air+aerosol | 6 | 6 | 6 | 6 | 10 | 9 | 10.556 | 17 | 11 | 7 | 7 | 6 | 8.402 |
| IS0091R | alpha_HCH | air+aerosol | 5.02 | 3.33 | 4.321 | 4.729 | 3.627 | 3.18 | 2.376 | 2.733 | 3.81 | 4.879 | 5.864 | 3.849 | 3.889 |
| NO0001R | alpha_HCH | air+aerosol | 6.961 | 6.247 | 7.747 | 7.197 | 9.475 | 10.681 | 16.86 | 14.487 | 18.757 | 11.453 | 8.405 | 5.752 | 10.509 |
| NO0042G | alpha_HCH | air+aerosol | 7.281 | 8.85 | 8.72 | 8.537 | 12.047 | 9.589 | 9.963 | 12.42 | 14.629 | 17.102 | 10.483 | 9.046 | 10.777 |
| SE0012R | alpha_HCH | air+aerosol | 4 | 2 | 2 | 2 | 5 | 0 | 4 | 4 | 7 | 4 | 4 | 4 | 3.524 |
| SE0014R | alpha_HCH | air+aerosol | 4.516 | 5 | 5.065 | 5.933 | 7.581 | 6.8 | 7.065 | 9.452 | 10.867 | 7.968 | 6.533 | 5.194 | 6.839 |
| CZ0003R | gamma_HCH | air+aerosol | 12.85 | 18.85 | 21.17 | 40.838 | 44.16 | 38.85 | 42.183 | 20.01 | 36.9 | 44.05 | 25.68 | 16.775 | 29.941 |
| FI0096G | gamma_HCH | air+aerosol | 1 | 1 | 1 | 2 | 4 | 3 | 3 | 5 | 3 | 1 | 3 | 1 | 2.31 |
| IS0091R | gamma_HCH | air+aerosol | 4.44 | 2.337 | 1.784 | 2.56 | 3.119 | 3.035 | 2.569 | 2.785 | 3.55 | 3.241 | 3.015 | 2.497 | 2.78 |
| NO0001R | gamma_HCH | air+aerosol | 3.642 | 3.793 | 3.498 | 3.659 | 3.855 | 7.443 | 13.098 | 8.636 | 17.683 | 10.575 | 8.859 | 3.078 | 7.745 |
| NO0042G | gamma_HCH | air+aerosol | 1.386 | 1.621 | 1.893 | 2.171 | 3.914 | 1.406 | 1.332 | 1.481 | 1.669 | 2.427 | 2.144 | 2.024 | 1.918 |
| SE0012R | gamma_HCH | air+aerosol | 1 | 1 | 1 | 1 | 3 | 0 | 4 | 4 | 4 | 3 | 4 | 2 | 2.333 |
| SE0014R | gamma_HCH | air+aerosol | 2.484 | 2.5 | 2.161 | 3.933 | 6.032 | 6.8 | 10.742 | 9.387 | 7.667 | 7.097 | 5.1 | 3.839 | 5.668 |
| IS0091R | beta_HCH | air+aerosol | 0.19 | 0.282 | 0.14 | 0.14 | 0.185 | 0.195 | 0.235 | 0.25 | 0.26 | 0.198 | 0.154 | 0.15 | 0.198 |
| CZ0003R | HCB | air+aerosol | 23.225 | 43.963 | 30.84 | 77.45 | 103.25 | 94.37 | 80.117 | 50.87 | 100.213 | 110.825 | 64.11 | 66.95 | 70.155 |
| IS0091R | HCB | air+aerosol | 4.05 | 5.31 | 5.545 | 6.181 | 3.899 | 2.64 | 1.995 | 2.94 | 2.725 | 4.179 | 6.771 | 7 | 4.335 |
| NO0001R | HCB | air+aerosol | 61.091 | 65.113 | 59.754 | 62.491 | 67.725 | 60.365 | 62.387 | 65.891 | 72.751 | 72.262 | 63.292 | 54.291 | 63.609 |
| NO0042G | HCB | air+aerosol | 54.758 | 61.209 | 68.296 | 99.914 | 84.035 | 65.19 | 64.731 | 80.579 | 71.173 | 68.956 | 67.754 | 69.76 | 71.235 |
| NO0042G | anthanthrene | air+aerosol | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.003 | 0.002 | 0.001 |
| CZ0003R | anthracene | air+aerosol | 1.231 | 0.475 | 0.217 | 0.094 | 0.043 | 0.02 | 0.02 | 0.022 | 0.013 | 0.031 | 0.127 | 0.39 | 0.214 |
| ES0008R | anthracene | pm10 | 0.001 | 0.001 | 0.002 | 0.001 | 0.004 | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 | 0.002 |
| FI0096G | anthracene | air+aerosol | 0.002 | 0.023 | 0.005 | 0.002 | 0.001 | 0.003 | 0.004 | 0.003 | 0.003 | 0.006 | 0.004 | 0.003 | 0.005 |
| GB0014R | anthracene | air+aerosol | 0.26 | 0.26 | 0.26 | 0.073 | 0.073 | 0.073 | 0.051 | 0.051 | 0.051 | 0.71 | 0.71 | 0.71 | 0.274 |
| NO0042G | anthracene | air+aerosol | 0.002 | 0.005 | 0.009 | 0.001 | 0.007 | 0.001 | 0.002 | 0.006 | 0.001 | 0.003 | 0.002 | 0.003 | 0.004 |
| SE0012R | anthracene | 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 |
| SE0014R | anthracene | air+aerosol | 0.132 | 0.056 | 0.031 | 0.007 | 0.004 | 0.002 | 0.002 | 0.005 | 0.004 | 0.018 | 0.011 | 0.019 | 0.024 |
| CZ0003R | benz_a_anthracene | air+aerosol | 1.309 | 0.699 | 0.239 | 0.06 | 0.016 | 0.015 | 0.01 | 0.015 | 0.025 | 0.036 | 0.244 | 1.003 | 0.292 |
| ES0008R | benz_a_anthracene | pm10 | 0.015 | 0.015 | 0.017 | 0.018 | 0.036 | 0.016 | 0.018 | 0.024 | 0.035 | 0.026 | 0.039 | 0.025 | 0.024 |
| FI0096G | benz_a_anthracene | air+aerosol | 0.004 | 0.11 | 0.004 | 0.013 | 0.003 | 0.001 | 0.002 | 0.005 | 0.003 | 0.007 | 0.008 | 0.005 | 0.014 |
| GB0014R | benz_a_anthracene | air+aerosol | 0.12 | 0.12 | 0.12 | 0.024 | 0.024 | 0.024 | 0.012 | 0.012 | 0.012 | 0.047 | 0.047 | 0.047 | 0.05 |

| Site | Comp | Matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO0042G | benz_a_anthracene | air+aerosol | 0.002 | 0.008 | 0.004 | 0.001 | 0.019 | 0.002 | 0.003 | 0.002 | 0.002 | 0.002 | 0.008 | 0.017 | 0.006 |
| SE0012R | benz_a_anthracene | air+aerosol | 0.04 | 0.11 | 0.013 | 0.003 | 0.001 | 0 | 0.001 | 0.002 | 0.013 | 0.079 | 0.109 | 0.026 | 0.034 |
| SE0014R | benz_a_anthracene | air+aerosol | 0.393 | 0.158 | 0.102 | 0.023 | 0.012 | 0.012 | 0.009 | 0.014 | 0.019 | 0.079 | 0.064 | 0.037 | 0.077 |
| NO0042G | benzo_a_fluoranthene | air+aerosol | 0.001 | 0.002 | 0.002 | 0.001 | 0.004 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.003 | 0.004 | 0.002 |
| NO0042G | benzo_a_fluorene | air+aerosol | 0.002 | 0.004 | 0.003 | 0.001 | 0.007 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.003 | 0.009 | 0.003 |
| CZ0003R | benzo_a_pyrene | air+aerosol | 1.031 | 0.277 | 0.075 | 0.026 | 0.006 | 0.009 | 0.014 | 0.021 | 0.035 | 0.048 | 0.337 | 1.066 | 0.235 |
| ES0008R | benzo_a_pyrene | pm10 | 0.017 | 0.018 | 0.021 | 0.024 | 0.063 | 0.02 | 0.026 | 0.033 | 0.069 | 0.041 | 0.076 | 0.03 | 0.037 |
| FI0096G | benzo_a_pyrene | air+aerosol | 0.003 | 0.14 | 0.007 | 0.022 | 0.003 | 0.001 | 0.001 | 0.005 | 0.003 | 0.005 | 0.002 | 0.004 | 0.017 |
| GB0014R | benzo_a_pyrene | air+aerosol | 0.08 | 0.08 | 0.08 | 0.017 | 0.017 | 0.017 | 0.006 | 0.006 | 0.006 | 0.038 | 0.038 | 0.038 | 0.035 |
| LV0010R | benzo_a_pyrene | aerosol | 2.507 | 0.8 | 0.5 | 0.37 | 0.23 | 0.03 | 0.04 | 0.09 | 0.15 | 0.68 | 0.26 | 0.14 | 0.489 |
| LV0016R | benzo_a_pyrene | aerosol | 0.209 | 0.27 | 0.1 | 0.04 | 0.08 | 0.11 | 0.002 | 0.03 | 0.05 | 0.13 | 0.1 | 0.07 | 0.098 |
| NO0042G | benzo_a_pyrene | air+aerosol | 0.001 | 0.007 | 0.004 | 0.001 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.004 | 0.005 | 0.003 |
| SE0012R | benzo_a_pyrene | air+aerosol | 0.141 | 0.232 | 0.049 | 0.018 | 0.009 | 0.009 | 0.011 | 0.007 | 0.04 | 0.146 | 0.184 | 0.031 | 0.075 |
| SE0014R | benzo_a_pyrene | air+aerosol | 0.328 | 0.169 | 0.122 | 0.023 | 0.012 | 0.006 | 0.005 | 0.006 | 0.021 | 0.05 | 0.053 | 0.039 | 0.069 |
| CZ0003R | benzo_b_fluoranthene | air+aerosol | 1.023 | 0.621 | 0.19 | 0.052 | 0.014 | 0.019 | 0.025 | 0.043 | 0.057 | 0.089 | 0.43 | 1.233 | 0.305 |
| ES0008R | benzo_b_fluoranthene | pm10 | 0.009 | 0.009 | 0.012 | 0.016 | 0.051 | 0.024 | 0.026 | 0.036 | 0.058 | 0.035 | 0.076 | 0.036 | 0.033 |
| FI0096G | benzo_b_fluoranthene | air+aerosol | 0.008 | 0.23 | 0.012 | 0.044 | 0.007 | 0.002 | 0.001 | 0.009 | 0.003 | 0.008 | 0.007 | 0.005 | 0.029 |
| SE0014R | benzo_b_fluoranthene | air+aerosol | 0.719 | 0.306 | 0.2 | 0.057 | 0.029 | 0.014 | 0.014 | 0.015 | 0.047 | 0.088 | 0.067 | 0.037 | 0.132 |
| NO0042G | benzo_b_fluorene | air+aerosol | 0.001 | 0.002 | 0.002 | 0.001 | 0.004 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.003 | 0.009 | 0.002 |
| NO0042G | benzo_bjk_fluoranthenes | air+aerosol | 0.008 | 0.049 | 0.022 | 0.002 | 0.049 | 0.004 | 0.005 | 0.002 | 0.003 | 0.003 | 0.019 | 0.037 | 0.015 |
| NO0042G | benzo_e_pyrene | air+aerosol | 0.003 | 0.015 | 0.008 | 0.001 | 0.018 | 0.002 | 0.003 | 0.002 | 0.002 | 0.002 | 0.007 | 0.012 | 0.006 |
| NO0042G | benzo_ghi_fluoranthene | air+aerosol | 0.002 | 0.012 | 0.005 | 0.001 | 0.006 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.006 | 0.015 | 0.004 |
| CZ0003R | benzo_ghi_perylene | air+aerosol | 0.149 | 0.127 | 0.037 | 0.018 | 0.005 | 0.013 | 0.021 | 0.032 | 0.048 | 0.052 | 0.295 | 0.804 | 0.13 |
| ES0008R | benzo_ghi_perylene | pm10 | 0.023 | 0.024 | 0.029 | 0.028 | 0.066 | 0.025 | 0.028 | 0.036 | 0.051 | 0.043 | 0.072 | 0.038 | 0.039 |
| FI0096G | benzo_ghi_perylene | air+aerosol | 0.004 | 0.14 | 0.007 | 0.021 | 0.003 | 0.001 | 0.002 | 0.006 | 0.004 | 0.009 | 0.004 | 0.005 | 0.017 |
| GB0014R | benzo_ghi_perylene | air+aerosol | 0.098 | 0.098 | 0.098 | 0.026 | 0.026 | 0.026 | 0.011 | 0.011 | 0.011 | 0.061 | 0.061 | 0.061 | 0.049 |
| NO0042G | benzo_ghi_perylene | air+aerosol | 0.003 | 0.014 | 0.007 | 0.001 | 0.018 | 0.001 | 0.002 | 0.002 | 0.001 | 0.002 | 0.008 | 0.011 | 0.005 |
| SE0012R | benzo_ghi_perylene | air+aerosol | 0.221 | 0.365 | 0.096 | 0.034 | 0.021 | 0.01 | 0.021 | 0.008 | 0.06 | 0.208 | 0.289 | 0.066 | 0.119 |
| SE0014R | benzo_ghi_perylene | air+aerosol | 0.4 | 0.177 | 0.121 | 0.033 | 0.016 | 0.009 | 0.007 | 0.009 | 0.027 | 0.056 | 0.056 | 0.044 | 0.079 |
| CZ0003R | benzo_k_fluoranthene | air+aerosol | 0.915 | 0.281 | 0.097 | 0.03 | 0.008 | 0.011 | 0.012 | 0.019 | 0.027 | 0.039 | 0.193 | 0.579 | 0.176 |
| ES0008R | benzo_k_fluoranthene | pm10 | 0.017 | 0.018 | 0.018 | 0.02 | 0.05 | 0.01 | 0.012 | 0.027 | 0.053 | 0.03 | 0.078 | 0.027 | 0.03 |

| Site | Comp | Matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FI0096G | benzo_k_fluoranthene | air+aerosol | 0.004 | 0.1 | 0.005 | 0.017 | 0.003 | 0.001 | 0.001 | 0.006 | 0.003 | 0.006 | 0.005 | 0.004 | 0.013 |
| SE0014R | benzo_k_fluoranthene | air+aerosol | 0.315 | 0.131 | 0.09 | 0.022 | 0.011 | 0.005 | 0.005 | 0.005 | 0.02 | 0.038 | 0.039 | 0.03 | 0.059 |
| NO0042G | biphenyl | air+aerosol | 0.844 | 33.071 | 17.272 | 0.207 | 0.057 | 0.024 | 0.017 | 0.016 | 0.07 | 0.136 | 0.45 | 0.874 | 3.621 |
| ES0008R | chrysene | pm10 | 0.016 | 0.017 | 0.024 | 0.018 | 0.037 | 0.015 | 0.015 | 0.028 | 0.039 | 0.025 | 0.064 | 0.031 | 0.027 |
| GB0014R | chrysene | air+aerosol | 0.24 | 0.24 | 0.24 | 0.048 | 0.048 | 0.048 | 0.028 | 0.028 | 0.028 | 0.11 | 0.11 | 0.11 | 0.106 |
| FI0096G | chrysene_triphenylene | air+aerosol | 0.013 | 0.21 | 0.014 | 0.046 | 0.01 | 0.003 | 0.004 | 0.018 | 0.026 | 0.021 | 0.057 | 0.014 | 0.037 |
| NO0042G | chrysene_triphenylene | air+aerosol | 0.008 | 0.038 | 0.015 | 0.001 | 0.034 | 0.004 | 0.006 | 0.003 | 0.004 | 0.004 | 0.016 | 0.038 | 0.013 |
| SE0014R | chrysene_triphenylene | air+aerosol | 0.769 | 0.334 | 0.227 | 0.073 | 0.038 | 0.029 | 0.023 | 0.021 | 0.05 | 0.103 | 0.124 | 0.099 | 0.157 |
| IS0091R | cis_CD | air+aerosol | 0.37 | 0.463 | 0.348 | 0.405 | 0.438 | 0.375 | 0.646 | 0.661 | 0.625 | 0.584 | 0.552 | 0.613 | 0.519 |
| NO0042G | cis_CD | air+aerosol | 0.737 | 0.614 | 0.54 | 0.594 | 0.612 | 0.493 | 0.61 | 0.613 | 0.505 | 0.584 | 0.59 | 0.822 | 0.614 |
| NO0042G | cis_NO | air+aerosol | 0.057 | 0.039 | 0.025 | 0.032 | 0.064 | 0.093 | 0.077 | 0.117 | 0.1 | 0.074 | 0.064 | 0.353 | 0.092 |
| IS0091R | trans_CD | air+aerosol | 0.1 | 0.233 | 0.21 | 0.095 | 0.09 | 0.1 | 0.152 | 0.1 | 0.1 | 0.1 | 0.155 | 0.208 | 0.139 |
| NO0042G | trans_CD | air+aerosol | 0.396 | 0.392 | 0.287 | 0.257 | 0.216 | 0.103 | 0.096 | 0.11 | 0.095 | 0.154 | 0.246 | 0.363 | 0.23 |
| IS0091R | trans_NO | air+aerosol | 0.1 | 0.339 | 0.323 | 0.431 | 0.401 | 0.335 | 0.396 | 0.391 | 0.38 | 0.359 | 0.363 | 0.33 | 0.367 |
| NO0042G | trans_NO | air+aerosol | 0.602 | 0.572 | 0.462 | 0.536 | 0.586 | 0.437 | 0.409 | 0.431 | 0.457 | 0.512 | 0.546 | 1.702 | 0.611 |
| NO0042G | op_DDD | air+aerosol | 0.03 | 0.027 | 0.024 | 0.024 | 0.056 | 0.016 | 0.011 | 0.018 | 0.014 | 0.022 | 0.031 | 0.241 | 0.043 |
| NO0042G | op_DDE | air+aerosol | 0.133 | 0.13 | 0.123 | 0.088 | 0.134 | 0.02 | 0.016 | 0.017 | 0.017 | 0.041 | 0.097 | 0.251 | 0.09 |
| IS0091R | op_DDT | air+aerosol | 0.19 | 0.105 | 0.095 | 0.095 | 0.09 | 0.1 | 0.095 | 0.1 | 0.17 | 0.1 | 0.099 | 0.1 | 0.105 |
| NO0042G | op_DDT | air+aerosol | 0.23 | 0.215 | 0.18 | 0.211 | 0.346 | 0.063 | 0.054 | 0.076 | 0.076 | 0.144 | 0.205 | 0.821 | 0.219 |
| CZ0003R | pp_DDD | air+aerosol | 4.625 | 1.2 | 1.06 | 2.438 | 1.77 | 1.37 | 2 | 0.69 | 2.125 | 1.087 | 1.01 | 0.5 | 1.604 |
| FI0096G | pp_DDD | air+aerosol | 0.15 | 0.3 | 0.06 | 0.13 | 0.11 | 0.17 | 0.147 | 0.16 | 0.08 | 0.05 | 0.12 | 0.07 | 0.129 |
| IS0091R | pp_DDD | air+aerosol | 0.19 | 0.105 | 0.095 | 0.095 | 0.09 | 0.1 | 0.095 | 0.1 | 0.215 | 0.1 | 0.099 | 0.1 | 0.109 |
| NO0042G | pp_DDD | air+aerosol | 0.042 | 0.026 | 0.04 | 0.024 | 0.094 | 0.041 | 0.021 | 0.064 | 0.046 | 0.103 | 0.066 | 0.575 | 0.098 |
| SE0014R | pp_DDD | air+aerosol | 0.16 | 0.66 | 0.852 | 0.358 | 0.606 | 0.618 | 0.32 | 0.239 | 0.351 | 0.262 | 0.391 | 0.265 | 0.421 |
| CZ0003R | pp_DDE | air+aerosol | 9.438 | 5.375 | 4.23 | 24.812 | 31.51 | 31.44 | 34.05 | 14.05 | 28.325 | 31.387 | 21.78 | 15.525 | 20.705 |
| FI0096G | pp_DDE | air+aerosol | 0.89 | 0.83 | 0.42 | 0.47 | 0.5 | 0.28 | 0.179 | 0.44 | 0.56 | 0.15 | 2.1 | 0.61 | 0.593 |
| IS0091R | pp_DDE | air+aerosol | 0.19 | 0.105 | 0.095 | 0.095 | 0.153 | 0.1 | 0.095 | 0.1 | 0.1 | 0.1 | 0.211 | 0.261 | 0.129 |
| NO0042G | pp_DDE | air+aerosol | 1.089 | 0.73 | 1.146 | 1.377 | 1.902 | 0.913 | 0.155 | 0.357 | 0.793 | 0.667 | 1.453 | 5.156 | 1.312 |
| SE0012R | pp_DDE | air+aerosol | 1.5 | 0 | 0.5 | 1 | 1.4 | 0.2 | 2.2 | 3.2 | 3.9 | 2.5 | 4.8 | 1.4 | 1.889 |
| SE0014R | pp_DDE | air+aerosol | 2.4 | 1.474 | 1.244 | 2.82 | 2.419 | 1.88 | 1.774 | 1.935 | 5.827 | 4.635 | 3.673 | 2.61 | 2.726 |
| CZ0003R | pp_DDT | air+aerosol | 4.875 | 2.188 | 1.92 | 2.375 | 1.02 | 4.49 | 6.75 | 2.48 | 2.012 | 2.975 | 1.13 | 0.637 | 2.61 |
| FI0096G | pp_DDT | air+aerosol | 0.15 | 0.24 | 0.08 | 0.25 | 0.23 | 0.18 | 0.133 | 0.37 | 0.28 | 0.09 | 0.31 | 0.1 | 0.201 |
| IS0091R | pp_DDT | air+aerosol | 0.19 | 0.131 | 0.095 | 0.095 | 0.09 | 0.1 | 0.095 | 0.1 | 0.1 | 0.1 | 0.099 | 0.1 | 0.101 |
| NO0042G | pp_DDT | air+aerosol | 0.127 | 0.096 | 0.091 | 0.088 | 0.293 | 0.048 | 0.028 | 0.043 | 0.057 | 0.096 | 0.135 | 0.335 | 0.117 |
| SE0014R | pp_DDT | air+aerosol | 0.862 | 0.511 | 0.416 | 0.855 | 0.943 | 1.306 | 1.661 | 1.219 | 2.513 | 1.68 | 0.932 | 0.592 | 1.126 |

| Site | Comp | Matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO0042G | retene | air+aerosol | 0.005 | 0.004 | 0.003 | 0.002 | 0.006 | 0.006 | 0.004 | 0.003 | 0.002 | 0.012 | 0.004 | 0.009 | 0.005 |
| NO0042G | coronene | air+aerosol | 0.001 | 0.006 | 0.004 | 0.001 | 0.004 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.02 | 0.029 | 0.006 |
| NO0042G | cyclopenta_cd_pyrene | air+aerosol | 0.001 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.003 | 0.002 | 0.004 | 0.014 | 0.012 | 0.004 |
| NO0042G | dibenzo_ac_ah_anthracenes | air+aerosol | 0.001 | 0.002 | 0.001 | 0.001 | 0.004 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.01 | 0.015 | 0.003 |
| NO0042G | dibenzo_ae_pyrene | air+aerosol | 0.001 | 0.002 | 0.002 | 0.001 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.015 | 0.02 | 0.004 |
| ES0008R | dibenzo_ah_anthracene | pm10 | 0.03 | 0.03 | 0.031 | 0.031 | 0.034 | 0.03 | 0.031 | 0.032 | 0.033 | 0.032 | 0.038 | 0.033 | 0.032 |
| 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 | 0.02 | 0.026 | 0.005 |
| NO0042G | dibenzo_ai_pyrene | air+aerosol | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.016 | 0.025 | 0.004 |
| NO0042G | dibenzofuran | air+aerosol | 1.022 | 6.008 | 8.191 | 0.437 | 0.24 | 0.071 | 0.044 | 0.04 | 0.119 | 0.206 | 0.69 | 1.198 | 1.366 |
| NO0042G | dibenzothiophene | air+aerosol | 0.02 | 0.031 | 0.02 | 0.013 | 0.005 | 0.009 | 0.005 | 0.002 | 0.003 | 0.005 | 0.014 | 0.028 | 0.012 |
| IS0091R | dieldrin | air+aerosol | 0.1 | 0.604 | 0.52 | 0.639 | 0.608 | 0.525 | 0.539 | 1.29 | 0.855 | 0.878 | 0.703 | 0.803 | 0.722 |
| CZ0003R | fluoranthene | air+aerosol | 8.388 | 6.766 | 2.693 | 1.27 | 0.46 | 0.416 | 0.303 | 0.239 | 0.24 | 0.49 | 1.299 | 3.438 | 2.093 |
| FI0096G | fluoranthene | air+aerosol | 0.1 | 0.77 | 0.07 | 0.13 | 0.06 | 0.04 | 0.032 | 0.09 | 0.05 | 0.09 | 0.25 | 0.08 | 0.145 |
| GB0014R | fluoranthene | air+aerosol | 0.98 | 0.98 | 0.98 | 0.4 | 0.4 | 0.4 | 0.58 | 0.58 | 0.58 | 0.68 | 0.68 | 0.68 | 0.659 |
| NO0042G | fluoranthene | air+aerosol | 0.043 | 0.089 | 0.047 | 0.012 | 0.093 | 0.016 | 0.014 | 0.007 | 0.007 | 0.007 | 0.023 | 0.044 | 0.031 |
| SE0012R | fluoranthene | air+aerosol | 1.8 | 3.01 | 0.53 | 0.24 | 0.18 | 0.15 | 0.15 | 0.09 | 0.3 | 1.49 | 1.61 | 0.5 | 0.856 |
| SE0014R | fluoranthene | air+aerosol | 2.462 | 1.243 | 0.868 | 0.315 | 0.192 | 0.098 | 0.107 | 0.141 | 0.184 | 0.335 | 0.403 | 0.409 | 0.561 |
| CZ0003R | fluorene | air+aerosol | 13.808 | 11.865 | 5.318 | 2.437 | 0.895 | 0.679 | 0.428 | 0.443 | 0.356 | 0.797 | 1.837 | 4.066 | 3.47 |
| ES0008R | fluorene | pm10 | 0.004 | 0.004 | 0.004 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 | 0.003 | 0.003 | 0.004 | 0.004 | 0.003 |
| NO0042G | fluorene | air+aerosol | 0.433 | 1.788 | 1.932 | 0.079 | 0.03 | 0.031 | 0.026 | 0.02 | 0.031 | 0.057 | 0.308 | 0.625 | 0.402 |
| CZ0003R | gamma_HCH | air+aerosol | 12.85 | 18.85 | 21.17 | 40.838 | 44.16 | 38.85 | 42.183 | 20.01 | 36.9 | 44.05 | 25.68 | 16.775 | 29.941 |
| FI0096G | gamma_HCH | air+aerosol | 1 | 1 | 1 | 2 | 4 | 3 | 3 | 5 | 3 | 1 | 3 | 1 | 2.31 |
| IS0091R | gamma_HCH | air+aerosol | 4.44 | 2.337 | 1.784 | 2.56 | 3.119 | 3.035 | 2.569 | 2.785 | 3.55 | 3.241 | 3.015 | 2.497 | 2.78 |
| NO0001R | gamma_HCH | air+aerosol | 3.642 | 3.793 | 3.498 | 3.659 | 3.855 | 7.443 | 13.098 | 8.636 | 17.683 | 10.575 | 8.859 | 3.078 | 7.745 |
| NO0042G | gamma_HCH | air+aerosol | 1.386 | 1.621 | 1.893 | 2.171 | 3.914 | 1.406 | 1.332 | 1.481 | 1.669 | 2.427 | 2.144 | 2.024 | 1.918 |
| SE0012R | gamma_HCH | air+aerosol | 1 | 1 | 1 | 1 | 3 | 0 | 4 | 4 | 4 | 3 | 4 | 2 | 2.333 |
| SE0014R | gamma_HCH | air+aerosol | 2.484 | 2.5 | 2.161 | 3.933 | 6.032 | 6.8 | 10.742 | 9.387 | 7.667 | 7.097 | 5.1 | 3.839 | 5.668 |
| ES0008R | inden_123cd_pyrene | pm10 | 0.028 | 0.028 | 0.033 | 0.03 | 0.052 | 0.028 | 0.03 | 0.037 | 0.049 | 0.038 | 0.066 | 0.042 | 0.038 |
| FI0096G | inden_123cd_pyrene | air+aerosol | 0.005 | 0.17 | 0.009 | 0.027 | 0.004 | 0.001 | 0.004 | 0.011 | 0.006 | 0.011 | 0.007 | 0.007 | 0.022 |
| GB0014R | inden_123cd_pyrene | air+aerosol | 0.13 | 0.13 | 0.13 | 0.02 | 0.02 | 0.02 | 0.007 | 0.007 | 0.007 | 0.047 | 0.047 | 0.047 | 0.051 |
| NO0042G | inden_123cd_pyrene | air+aerosol | 0.002 | 0.015 | 0.007 | 0.001 | 0.017 | 0.001 | 0.002 | 0.001 | 0.001 | 0.001 | 0.007 | 0.01 | 0.005 |
| SE0012R | inden_123cd_pyrene | air+aerosol | 0.261 | 0.523 | 0.104 | 0.034 | 0.02 | 0.011 | 0.015 | 0.006 | 0.051 | 0.311 | 0.382 | 0.068 | 0.152 |
| SE0014R | inden_123cd_pyrene | air+aerosol | 0.471 | 0.219 | 0.152 | 0.038 | 0.019 | 0.009 | 0.008 | 0.009 | 0.032 | 0.07 | 0.066 | 0.051 | 0.095 |

| Site | Comp | Matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO0042G | N1methylnaphtalene | air+aerosol | 0.238 | 6.383 | 2.119 | 0.03 | 0.026 | 0.018 | 0.013 | 0.013 | 0.013 | 0.035 | 0.077 | 0.216 | 0.615 |
| NO0042G | N1methylphenanthrene | air+aerosol | 0.01 | 0.01 | 0.009 | 0.005 | 0.008 | 0.007 | 0.009 | 0.004 | 0.004 | 0.007 | 0.006 | 0.01 | 0.007 |
| NO0042G | N2methylanthracene | air+aerosol | 0.001 | 0.001 | 0.002 | 0.001 | 0.003 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.004 | 0.002 |
| NO0042G | N2methylnaphtalene | air+aerosol | 0.306 | 6.266 | 2.638 | 0.048 | 0.043 | 0.033 | 0.023 | 0.026 | 0.023 | 0.054 | 0.107 | 0.27 | 0.671 |
| NO0042G | N2methylphenanthrene | air+aerosol | 0.015 | 0.018 | 0.014 | 0.009 | 0.012 | 0.01 | 0.017 | 0.008 | 0.006 | 0.01 | 0.01 | 0.018 | 0.012 |
| NO0042G | N3methylphenanthrene | air+aerosol | 0.01 | 0.011 | 0.009 | 0.006 | 0.009 | 0.007 | 0.012 | 0.006 | 0.004 | 0.006 | 0.009 | 0.014 | 0.008 |
| NO0042G | N9methylphenanthrene | air+aerosol | 0.008 | 0.009 | 0.007 | 0.005 | 0.008 | 0.006 | 0.01 | 0.005 | 0.004 | 0.005 | 0.006 | 0.011 | 0.007 |
| CZ0003R | naphtalene | air+aerosol | 9.717 | 7.928 | 5.326 | 1.044 | 0.515 | 0.308 | 0.251 | 0.224 | 0.17 | 0.826 | 0.71 | 2.184 | 2.378 |
| ES0008R | naphtalene | pm10 | 0.012 | 0.013 | 0.012 | 0.006 | 0.007 | 0.008 | 0.007 | 0.007 | 0.007 | 0.006 | 0.006 | 0.006 | 0.008 |
| NO0042G | naphtalene | air+aerosol | 0.88 | 25.307 | 6.768 | 0.12 | 0.1 | 0.084 | 0.057 | 0.086 | 0.078 | 0.11 | 0.386 | 0.829 | 2.309 |
| CZ0003R | PCB_101 | air+aerosol | 6.188 | 1.562 | 1.78 | 2.213 | 1.21 | 2.89 | 2.4 | 1.47 | 3.425 | 1.35 | 1.72 | 0.825 | 2.208 |
| FI0096G | PCB_101 | air+aerosol | 0.73 | 0.82 | 0.6 | 1.9 | 1.5 | 1.8 | 1.014 | 2.5 | 0.93 | 0.38 | 1.5 | 0.51 | 1.193 |
| GB0014R | PCB_101 | air+aerosol | 1 | 1 | 1 | 2.07 | 2.07 | 2.07 | 1.37 | 1.37 | 1.37 | 1.19 | 1.19 | 1.19 | 1.408 |
| IS0091R | PCB_101 | air+aerosol | 0.5 | 2.84 | 1.357 | 1.305 | 2.021 | 2.105 | 1.475 | 1.538 | 1.185 | 0.58 | 0.437 | 0.514 | 1.313 |
| NO0001R | PCB_101 | air+aerosol | 0.738 | 0.811 | 0.672 | 0.728 | 0.406 | 1.01 | 1.321 | 0.879 | 1.907 | 1.288 | 1.24 | 0.661 | 1.026 |
| NO0042G | PCB_101 | air+aerosol | 0.429 | 0.451 | 0.435 | 0.536 | 1.122 | 0.349 | 0.291 | 0.284 | 0.318 | 0.421 | 0.485 | 0.955 | 0.484 |
| SE0012R | PCB_101 | air+aerosol | 0.45 | 0.02 | 0.49 | 0.67 | 1.18 | 0.15 | 4.07 | 3.22 | 1.88 | 1.1 | 0.86 | 0.51 | 1.214 |
| SE0014R | PCB_101 | air+aerosol | 1.092 | 1.143 | 1.168 | 1.69 | 2.287 | 3.18 | 5.087 | 5.726 | 3.107 | 2.523 | 1.977 | 1.552 | 2.556 |
| IS0091R | PCB_105 | air+aerosol | 0.1 | 0.06 | 0.05 | 0.05 | 0.084 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.055 | 0.05 | 0.054 |
| NO0042G | PCB_105 | air+aerosol | 0.042 | 0.046 | 0.063 | 0.085 | 0.263 | 0.048 | 0.022 | 0.023 | 0.062 | 0.055 | 0.083 | 0.129 | 0.07 |
| NO0042G | PCB_114 | air+aerosol | 0.01 | 0.01 | 0.01 | 0.011 | 0.024 | 0.01 | 0.01 | 0.01 | 0.013 | 0.01 | 0.013 | 0.022 | 0.012 |
| CZ0003R | PCB_118 | air+aerosol | 1.812 | 0.812 | 0.63 | 1.175 | 0.97 | 1.39 | 1.133 | 0.71 | 1.162 | 0.975 | 0.5 | 0.5 | 0.964 |
| FI0096G | PCB_118 | air+aerosol | 0.16 | 0.56 | 0.16 | 0.92 | 0.5 | 0.37 | 0.214 | 0.55 | 0.2 | 0.07 | 0.4 | 0.21 | 0.381 |
| GB0014R | PCB_118 | air+aerosol | 0.26 | 0.26 | 0.26 | 0.56 | 0.56 | 0.56 | 0.35 | 0.35 | 0.35 | 0.3 | 0.3 | 0.3 | 0.368 |
| IS0091R | PCB_118 | air+aerosol | 0.19 | 0.93 | 0.24 | 0.211 | 0.246 | 0.28 | 0.234 | 0.146 | 0.195 | 0.1 | 0.099 | 0.1 | 0.215 |
| NO0001R | PCB_118 | air+aerosol | 0.246 | 0.243 | 0.229 | 0.253 | 0.275 | 0.394 | 0.467 | 0.354 | 0.72 | 0.366 | 0.92 | 0.489 | 0.44 |
| NO0042G | PCB_118 | air+aerosol | 0.145 | 0.148 | 0.247 | 0.334 | 0.754 | 0.198 | 0.089 | 0.089 | 0.224 | 0.193 | 0.298 | 0.631 | 0.261 |
| SE0012R | PCB_118 | air+aerosol | 0.23 | 0.01 | 0.3 | 0.23 | 0.43 | 0.07 | 1.26 | 1.06 | 0.64 | 0.4 | 0.28 | 0.14 | 0.421 |
| SE0014R | PCB_118 | air+aerosol | 0.374 | 0.367 | 0.406 | 0.521 | 0.578 | 0.818 | 1.313 | 1.648 | 0.868 | 0.746 | 0.499 | 0.392 | 0.714 |
| NO0042G | PCB_122 | air+aerosol | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.013 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| NO0042G | PCB_123 | air+aerosol | 0.01 | 0.01 | 0.01 | 0.01 | 0.017 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| NO0042G | PCB_128 | air+aerosol | 0.02 | 0.021 | 0.028 | 0.04 | 0.113 | 0.036 | 0.013 | 0.016 | 0.032 | 0.029 | 0.056 | 0.074 | 0.037 |
| CZ0003R | PCB_138 | air+aerosol | 4.875 | 0.95 | 1.78 | 1.863 | 0.82 | 1.44 | 1.167 | 0.76 | 1.488 | 1.475 | 0.8 | 0.637 | 1.474 |
| FI0096G | PCB_138 | air+aerosol | 0.29 | 0.57 | 0.36 | 1 | 0.59 | 0.4 | 0.322 | 0.65 | 0.31 | 0.18 | 0.55 | 0.33 | 0.485 |
| GB0014R | PCB_138 | air+aerosol | 0.38 | 0.38 | 0.38 | 0.68 | 0.68 | 0.68 | 0.62 | 0.62 | 0.62 | 0.46 | 0.46 | 0.46 | 0.536 |
| IS0091R | PCB_138 | air+aerosol | 0.1 | 0.71 | 0.219 | 0.189 | 0.208 | 0.325 | 0.305 | 0.35 | 0.355 | 0.159 | 0.167 | 0.196 | 0.265 |
| NO0001R | PCB_138 | air+aerosol | 0.297 | 0.31 | 0.231 | 0.245 | 0.383 | 0.622 | 0.69 | 0.558 | 1.074 | 0.506 | 1.272 | 0.598 | 0.609 |
| NO0042G | PCB_138 | air+aerosol | 0.143 | 0.131 | 0.231 | 0.302 | 0.686 | 0.304 | 0.106 | 0.109 | 0.213 | 0.191 | 0.406 | 0.725 | 0.277 |

| Site | Comp | Matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SE0012R | PCB_138 | air+aerosol | 0.21 | 0.02 | 0.26 | 0.28 | 0.49 | 0.11 | 1.3 | 0.94 | 0.73 | 0.64 | 0.45 | 0.25 | 0.472 |
| SE0014R | PCB_138 | air+aerosol | 0.8 | 0.879 | 0.82 | 1.079 | 1.616 | 2.22 | 3.597 | 4.7 | 2.133 | 1.632 | 1.147 | 0.93 | 1.805 |
| NO0042G | PCB_141 | air+aerosol | 0.032 | 0.031 | 0.028 | 0.035 | 0.102 | 0.024 | 0.018 | 0.022 | 0.021 | 0.033 | 0.034 | 0.068 | 0.035 |
| NO0042G | PCB_149 | air+aerosol | 0.217 | 0.208 | 0.203 | 0.256 | 0.559 | 0.157 | 0.119 | 0.152 | 0.171 | 0.229 | 0.245 | 0.719 | 0.259 |
| CZ0003R | PCB_153 | air+aerosol | 5.287 | 1.762 | 3.55 | 3.775 | 1.45 | 2.65 | 3.283 | 1.59 | 2.725 | 2.85 | 2.02 | 1.562 | 2.654 |
| FI0096G | PCB_153 | air+aerosol | 0.27 | 0.48 | 0.21 | 0.89 | 0.52 | 0.45 | 0.318 | 0.8 | 0.27 | 0.12 | 0.5 | 0.28 | 0.443 |
| GB0014R | PCB_153 | air+aerosol | 0.47 | 0.47 | 0.47 | 0.89 | 0.89 | 0.89 | 0.76 | 0.76 | 0.76 | 0.6 | 0.6 | 0.6 | 0.681 |
| IS0091R | PCB_153 | air+aerosol | 0.31 | 0.74 | 0.255 | 0.29 | 0.249 | 0.42 | 0.465 | 0.485 | 0.455 | 0.26 | 0.255 | 0.272 | 0.356 |
| NO0001R | PCB_153 | air+aerosol | 0.438 | 0.501 | 0.357 | 0.414 | 0.917 | 1.119 | 1.206 | 0.991 | 2.072 | 0.938 | 2.582 | 1.214 | 1.135 |
| NO0042G | PCB_153 | air+aerosol | 0.244 | 0.203 | 0.54 | 0.734 | 1.145 | 0.61 | 0.206 | 0.194 | 0.426 | 0.36 | 0.718 | 1.392 | 0.536 |
| SE0012R | PCB_153 | air+aerosol | 0.23 | 0.01 | 0.31 | 0.34 | 0.6 | 0.11 | 1.58 | 1.13 | 0.91 | 0.79 | 0.63 | 0.32 | 0.579 |
| SE0014R | PCB_153 | air+aerosol | 0.881 | 0.956 | 0.843 | 1.194 | 1.797 | 2.54 | 4.203 | 5.61 | 2.527 | 1.948 | 1.383 | 1.068 | 2.09 |
| IS0091R | PCB_156 | air+aerosol | 0.1 | 0.105 | 0.095 | 0.095 | 0.09 | 0.1 | 0.05 | 0.05 | 0.05 | 0.05 | 0.055 | 0.05 | 0.071 |
| NO0042G | PCB_156 | air+aerosol | 0.011 | 0.01 | 0.016 | 0.02 | 0.06 | 0.036 | 0.012 | 0.01 | 0.018 | 0.014 | 0.029 | 0.038 | 0.021 |
| NO0042G | PCB_157 | air+aerosol | 0.01 | 0.01 | 0.01 | 0.01 | 0.015 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.011 | 0.01 | 0.01 |
| NO0042G | PCB_167 | air+aerosol | 0.01 | 0.01 | 0.011 | 0.013 | 0.026 | 0.022 | 0.011 | 0.01 | 0.014 | 0.011 | 0.017 | 0.028 | 0.014 |
| NO0042G | PCB_170 | air+aerosol | 0.016 | 0.012 | 0.018 | 0.024 | 0.067 | 0.09 | 0.018 | 0.014 | 0.024 | 0.023 | 0.056 | 0.068 | 0.033 |
| NO0042G | PCB_18 | air+aerosol | 3.809 | 3.895 | 3.607 | 5.688 | 10.042 | 5.094 | 6.335 | 4.096 | 4.9 | 3.566 | 4.283 | 4.959 | 4.843 |
| CZ0003R | PCB_180 | air+aerosol | 3.875 | 0.688 | 1.92 | 2.15 | 0.74 | 1.06 | 1 | 4.82 | 1.65 | 0.85 | 0.61 | 0.85 | 1.712 |
| FI0096G | PCB_180 | air+aerosol | 0.047 | 0.12 | 0.039 | 0.24 | 0.082 | 0.067 | 0.055 | 0.13 | 0.046 | 0.02 | 0.081 | 0.22 | 0.102 |
| GB0014R | PCB_180 | air+aerosol | 0.11 | 0.11 | 0.11 | 0.16 | 0.16 | 0.16 | 0.21 | 0.21 | 0.21 | 0.16 | 0.16 | 0.16 | 0.16 |
| IS0091R | PCB_180 | air+aerosol | 0.54 | 0.105 | 0.095 | 0.095 | 0.09 | 0.1 | 0.095 | 0.1 | 0.2 | 0.1 | 0.16 | 0.208 | 0.124 |
| NO0001R | PCB_180 | air+aerosol | 0.15 | 0.152 | 0.099 | 0.098 | 0.163 | 0.38 | 0.351 | 0.576 | 0.607 | 0.203 | 0.402 | 0.164 | 0.299 |
| NO0042G | PCB_180 | air+aerosol | 0.054 | 0.038 | 0.088 | 0.112 | 0.196 | 0.346 | 0.068 | 0.051 | 0.082 | 0.082 | 0.185 | 0.308 | 0.125 |
| SE0012R | PCB_180 | air+aerosol | 0.25 | 0.01 | 0.08 | 0.1 | 0.14 | 0.05 | 0.32 | 0.19 | 0.19 | 0.23 | 0.17 | 0.07 | 0.152 |
| SE0014R | PCB_180 | air+aerosol | 0.425 | 0.402 | 0.334 | 0.379 | 0.566 | 0.75 | 1.228 | 1.876 | 0.721 | 0.583 | 0.343 | 0.248 | 0.658 |
| NO0042G | PCB_183 | air+aerosol | 0.018 | 0.015 | 0.028 | 0.038 | 0.06 | 0.038 | 0.014 | 0.014 | 0.024 | 0.021 | 0.041 | 0.085 | 0.031 |
| NO0042G | PCB_187 | air+aerosol | 0.052 | 0.039 | 0.043 | 0.056 | 0.122 | 0.066 | 0.028 | 0.038 | 0.068 | 0.052 | 0.106 | 0.296 | 0.078 |
| NO0042G | PCB_189 | air+aerosol | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.011 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| NO0042G | PCB_194 | air+aerosol | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.042 | 0.011 | 0.01 | 0.014 | 0.012 | 0.019 | 0.02 | 0.014 |
| NO0042G | PCB_206 | air+aerosol | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.014 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.011 | 0.01 |
| NO0042G | PCB_209 | air+aerosol | 0.013 | 0.01 | 0.01 | 0.01 | 0.012 | 0.013 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.011 | 0.011 |
| CZ0003R | PCB_28 | air+aerosol | 7.062 | 5.388 | 4.06 | 14.675 | 4.8 | 7.29 | 10.75 | 4.19 | 7.6 | 6.625 | 3.23 | 2.55 | 6.263 |
| FI0096G | PCB_28 | air+aerosol | 1.7 | 2.1 | 1.1 | 4.2 | 4.6 | 4 | 2.522 | 8.3 | 2.6 | 1.2 | 4 | 1.4 | 3.148 |
| GB0014R | PCB_28 | air+aerosol | 2.01 | 2.01 | 2.01 | 7.84 | 7.84 | 7.84 | 9.13 | 9.13 | 9.13 | 4.85 | 4.85 | 4.85 | 5.975 |
| IS0091R | PCB_28 | air+aerosol | 2.31 | 3.793 | 2.16 | 3.047 | 4.868 | 4.06 | 3.899 | 4.931 | 3.96 | 2.294 | 1.583 | 1.75 | 3.297 |
| NO0001R | PCB_28 | air+aerosol | 1.686 | 1.706 | 1.563 | 1.423 | 0.874 | 1.413 | 1.956 | 1.578 | 2.86 | 2.023 | 1.662 | 0.871 | 1.694 |
| NO0042G | PCB_28 | air+aerosol | 2.263 | 2.194 | 2.176 | 3.425 | 6.177 | 3.098 | 3.869 | 2.816 | 3.124 | 2.123 | 2.525 | 2.879 | 2.949 |
| SE0012R | PCB_28 | air+aerosol | 0.92 | 0.04 | 0.9 | 0.77 | 1.06 | 0.29 | 1.66 | 1.4 | 1.91 | 1.37 | 1.19 | 0.59 | 1.01 |
| SE0014R | PCB_28 | air+aerosol | 1.934 | 1.707 | 1.7 | 2.273 | 2.177 | 1.98 | 3.126 | 2.816 | 3.393 | 2.716 | 2.363 | 1.81 | 2.336 |
| IS0091R | PCB_31 | air+aerosol | 1.39 | 1.716 | 1.406 | 1.936 | 3.902 | 4.4 | 3.568 | 3.832 | 3.035 | 1.7 | 1.073 | 1.284 | 2.534 |

| Site | Comp | Matrix | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO0042G | PCB_31 | air+aerosol | 2.133 | 2.102 | 2.046 | 3.221 | 5.761 | 2.94 | 3.647 | 2.577 | 2.934 | 2.009 | 2.367 | 2.718 | 2.771 |
| NO0042G | PCB_33 | air+aerosol | 1.563 | 1.511 | 1.516 | 2.314 | 4.235 | 2.227 | 2.801 | 1.968 | 2.203 | 1.513 | 1.743 | 1.98 | 2.059 |
| NO0042G | PCB_37 | air+aerosol | 0.201 | 0.18 | 0.18 | 0.241 | 0.451 | 0.233 | 0.295 | 0.237 | 0.247 | 0.214 | 0.211 | 0.246 | 0.239 |
| NO0042G | PCB_47 | air+aerosol | 0.653 | 0.533 | 0.522 | 0.694 | 1.147 | 0.441 | 0.5 | 0.365 | 0.449 | 0.41 | 0.48 | 0.589 | 0.547 |
| CZ0003R | PCB_52 | air+aerosol | 14.337 | 5.212 | 4.75 | 8.6 | 4.03 | 5.33 | 8.517 | 4.37 | 5.325 | 7.087 | 4.19 | 2.825 | 6.009 |
| FI0096G | PCB_52 | air+aerosol | 1.4 | 1.4 | 1 | 3 | 3.2 | 4 | 2.289 | 6.4 | 2.1 | 0.95 | 2.8 | 0.97 | 2.441 |
| GB0014R | PCB_52 | air+aerosol | 1.33 | 1.33 | 1.33 | 4.03 | 4.03 | 4.03 | 2.91 | 2.91 | 2.91 | 0.1 | 0.1 | 0.1 | 2.093 |
| IS0091R | PCB_52 | air+aerosol | 1.02 | 4.15 | 2.152 | 2.322 | 3.259 | 2.64 | 2.81 | 2.685 | 2.265 | 1.397 | 1.163 | 1.4 | 2.369 |
| NO0001R | PCB_52 | air+aerosol | 1.3 | 1.444 | 1.319 | 1.254 | 0.729 | 1.255 | 1.911 | 1.357 | 2.901 | 2.105 | 1.831 | 0.948 | 1.597 |
| NO0042G | PCB_52 | air+aerosol | 1.071 | 1.153 | 1.105 | 1.494 | 2.584 | 0.96 | 1.109 | 0.888 | 0.971 | 0.923 | 1.133 | 1.626 | 1.205 |
| SE0012R | PCB_52 | air+aerosol | 0.72 | 0.05 | 1.03 | 0.7 | 1.02 | 0.3 | 2.04 | 1.83 | 1.69 | 1.09 | 1.06 | 0.57 | 1.009 |
| SE0014R | PCB_52 | air+aerosol | 1.527 | 1.557 | 1.668 | 2.237 | 2.284 | 3.74 | 4.932 | 4.01 | 3.367 | 2.735 | 2.417 | 1.881 | 2.702 |
| NO0042G | PCB_66 | air+aerosol | 0.254 | 0.255 | 0.29 | 0.366 | 0.784 | 0.219 | 0.213 | 0.185 | 0.261 | 0.276 | 0.303 | 0.39 | 0.301 |
| NO0042G | PCB_74 | air+aerosol | 0.164 | 0.168 | 0.194 | 0.265 | 0.535 | 0.143 | 0.138 | 0.121 | 0.193 | 0.168 | 0.199 | 0.316 | 0.206 |
| NO0042G | PCB_99 | air+aerosol | 0.171 | 0.184 | 0.254 | 0.325 | 0.653 | 0.169 | 0.105 | 0.106 | 0.215 | 0.197 | 0.274 | 0.56 | 0.253 |
| NO0042G | pentachlorobenzene | air+aerosol | 20.059 | 28.396 | 39.542 | 51.409 | 24.638 | 11.126 | 8.435 | 10.965 | 14.126 | 21.895 | 22.425 | 25.608 | 23.237 |
| NO0042G | perylene | air+aerosol | 0.001 | 0.001 | 0.001 | 0.001 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.003 | 0.004 | 0.002 |
| CZ0003R | phenanthrene | air+aerosol | 21.94 | 21.358 | 9.17 | 5.452 | 2.086 | 1.929 | 1.514 | 1.159 | 0.935 | 1.56 | 3.979 | 8.024 | 6.408 |
| ES0008R | phenanthrene | pm10 | 0.009 | 0.011 | 0.012 | 0.007 | 0.011 | 0.007 | 0.007 | 0.009 | 0.011 | 0.009 | 0.015 | 0.013 | 0.01 |
| FI0096G | phenanthrene | air+aerosol | 0.32 | 1.5 | 0.21 | 0.24 | 0.29 | 0.26 | 0.182 | 0.56 | 0.2 | 0.25 | 1.2 | 0.27 | 0.437 |
| GB0014R | phenanthrene | air+aerosol | 12 | 12 | 12 | 2 | 2 | 2 | 3.1 | 3.1 | 3.1 | 22 | 22 | 22 | 9.773 |
| NO0042G | phenanthrene | air+aerosol | 0.116 | 0.23 | 0.101 | 0.047 | 0.074 | 0.043 | 0.05 | 0.028 | 0.025 | 0.042 | 0.077 | 0.089 | 0.073 |
| SE0012R | phenanthrene | air+aerosol | 4.9 | 6.84 | 1.4 | 1 | 0.7 | 0.67 | 0.57 | 0.43 | 0.85 | 2.5 | 2.8 | 1.56 | 2.065 |
| SE0014R | phenanthrene | air+aerosol | 4.725 | 3.379 | 1.958 | 1.025 | 0.718 | 0.436 | 0.422 | 0.635 | 0.528 | 0.965 | 1.066 | 1.184 | 1.412 |
| CZ0003R | pyrene | air+aerosol | 5.41 | 4.17 | 1.602 | 0.751 | 0.252 | 0.21 | 0.138 | 0.14 | 0.145 | 0.265 | 0.905 | 2.691 | 1.34 |
| ES0008R | pyrene | pm10 | 0.009 | 0.01 | 0.015 | 0.01 | 0.024 | 0.007 | 0.009 | 0.016 | 0.031 | 0.018 | 0.037 | 0.022 | 0.018 |
| FI0096G | pyrene | air+aerosol | 0.06 | 0.55 | 0.05 | 0.08 | 0.04 | 0.02 | 0.02 | 0.05 | 0.04 | 0.07 | 0.11 | 0.05 | 0.094 |
| GB0014R | pyrene | air+aerosol | 0.55 | 0.55 | 0.55 | 0.22 | 0.22 | 0.22 | 0.44 | 0.44 | 0.44 | 0.43 | 0.43 | 0.43 | 0.41 |
| NO0042G | pyrene | air+aerosol | 0.016 | 0.057 | 0.028 | 0.006 | 0.071 | 0.012 | 0.01 | 0.004 | 0.005 | 0.005 | 0.009 | 0.022 | 0.019 |
| SE0012R | pyrene | air+aerosol | 0.71 | 1.22 | 0.26 | 0.1 | 0.08 | 0.06 | 0.07 | 0.04 | 0.18 | 0.88 | 0.87 | 0.3 | 0.405 |
| SE0014R | pyrene | air+aerosol | 1.609 | 0.781 | 0.577 | 0.19 | 0.109 | 0.058 | 0.057 | 0.076 | 0.118 | 0.231 | 0.255 | 0.269 | 0.36 |