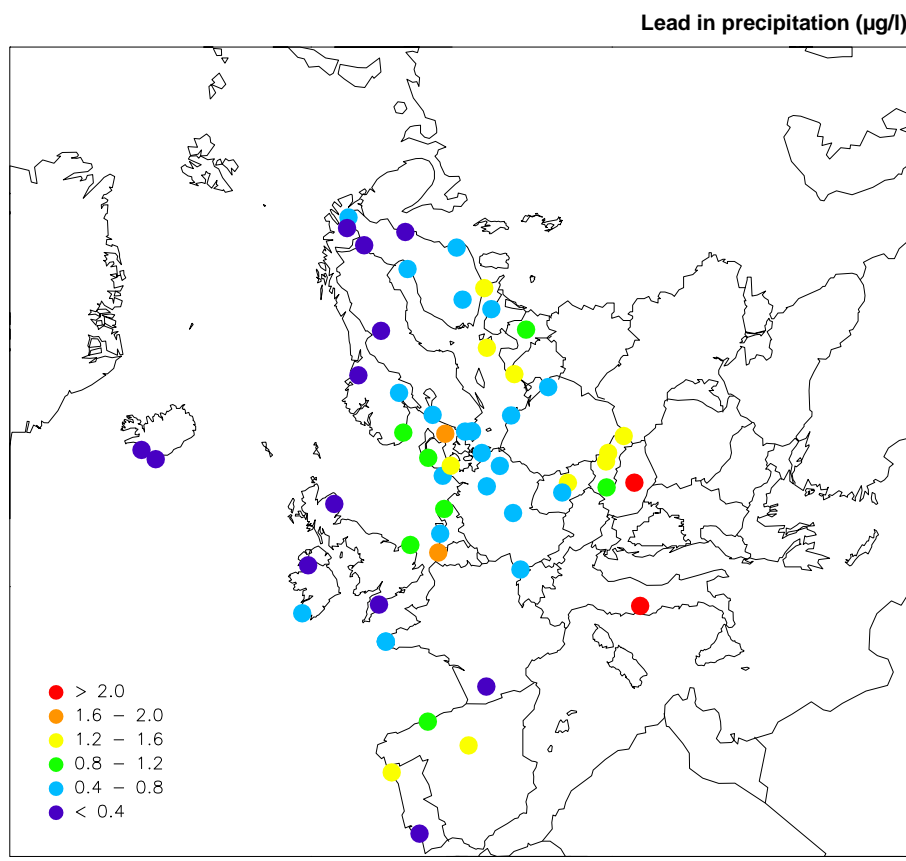


Heavy metals and POP measurements, 2009

Wenche Aas and Knut Breivik



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

**Heavy metals and POP measurements,
2009**

Wenche Aas and Knut Breivik



Norwegian Institute for Air Research
PO Box 100, NO-2027 Kjeller, Norway

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Heavy metals and POP measurements, 2009

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 1976 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, α -HCH, DDT/DDE.

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

So far, thirteen reports have been published (EMEP/CCC-Reports 8/96, 9/97, 7/98, 7/99, 2/2000, 9/2001, 9/2002, 1/2003, 7/2004, 9/2005, 7/2006, 6/2007, 4/2008, 3/2009, 3/2010) which present data on heavy metals and POPs from national and international measurement programmes for the period 1987 to 2008. In this report data from 2009 are presented. All these data are also available from the EMEP's homepage, <http://www.nilu.no/projects/ccc/emepdata.html> and direct access through the database at <http://ebas.nilu.no/>.

2. Measurement programme

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

2.1 Monitoring sites for heavy metals

The locations of the measurement sites, which have delivered data on heavy metals for 2009, 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 2009, there were 36 sites measuring heavy metals in both air and precipitation, and altogether there were 71 measurement sites. This was one

more sites than in 2008. In addition, there are three Spanish sites with campaign data. There were 26 sites measuring at least one form of mercury (Figure 2), which is the same number as from the previous year. 12 sites were measuring mercury in both air and precipitation

The measurement obligations set by the EMEP monitoring strategy (UNECE, 2009) and the EUs air quality directives (EU, 2004, 2008) have clearly improved the site coverage the last years, though there are still a lack of measurements in some parts of Europe, especially for mercury, Figure 2.

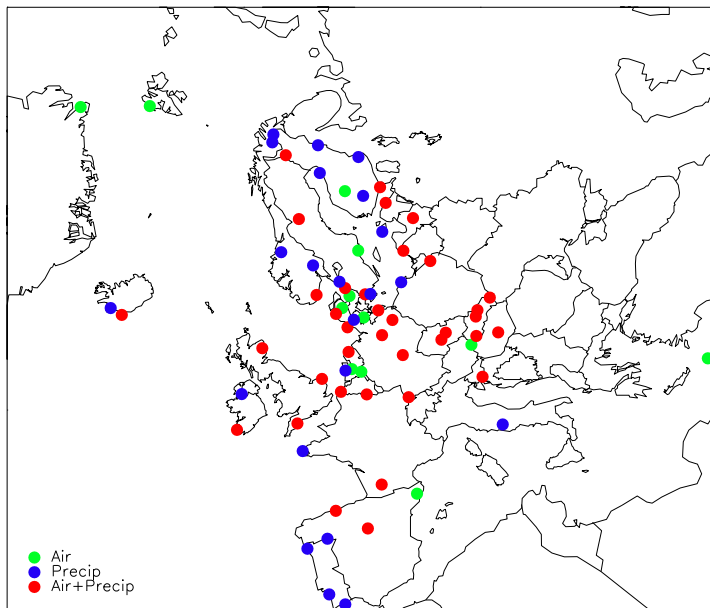


Figure 1: Measurement network of heavy metals, 2009. Note that Cyprus is misplaced to get it inside the map

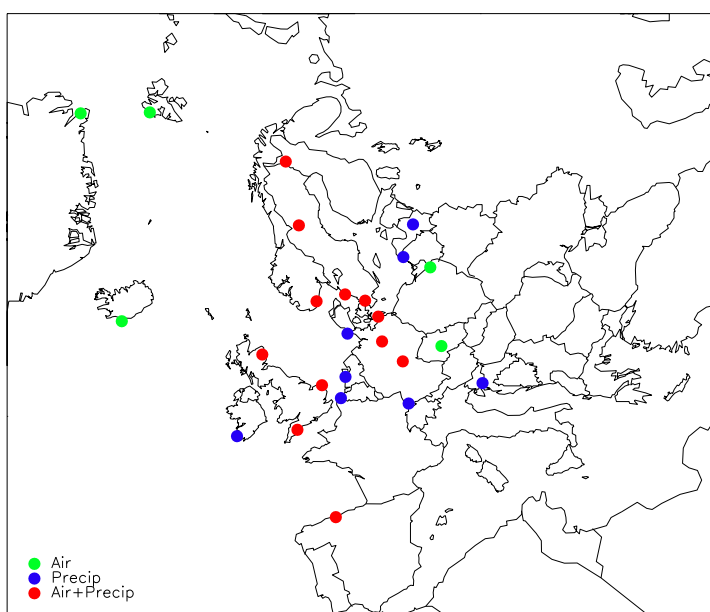


Figure 2: Measurement network of mercury, 2009.

Table 1: Monitoring stations and the sampling program of heavy metals, 2009.

Country	code	Station name	Latitude			Longitude			host	Metals in air	Metals in precip
Austria	AT0002R	Illmitz	47	46	0 N	16	46	0 E	117	Cd, Pb, Ni, As	
Belgium	BE0014	Koksijde	51	7	15 N	2	39	30 E	4	As, Cd, Cr, Cu, Ni, Pb, Zn, Mn, Fe	As, Cd, Cr, Cu, Hg, Ni, Pb, Zn, Mn, Fe
Cyprus	CY0002R	Ayia Marina	35	2	20 N	33	3	29 E	532	Al, As, Cd, Cr, Cu, Fe, Pb, Mn, Hg, Ni, V, Zn	
Czech Republic	CZ0001R	Svratouch	49	44	0 N	16	3	0 E	737	As, Cd, Cu, Pb, Ni, Mn, Zn	Cd, Fe, Ni, Pb, Zn
	CZ0003R	Kosetice	49	35	0 N	15	5	0 E	534	As, Cd, Cu, Hg, Pb, Ni, Mn, Zn	Cd, Fe, Ni, Pb, Zn
Germany	DE0001R	Westerland	54	55	32 N	8	18	35 E	12	As, Cd, Cu, Co, Fe, Pb, Mn, Ni, Sb, Ti, V, Zn	As, Cd, Cu, Cr, Co, Fe, Hg, Pb, Mn, Ni, Se, Sb, Ti, V, Zn
	DE0002R	Langenbrügge	52	48	8 N	10	45	34 E	74	As, Cd, Cu, Co, Fe, Hg, Pb, Mn, Ni, Ti, Sb, V, Zn	As, Cd, Cu, Cr, Co, Fe, Hg, Pb, Mn, Ni, Se, Sb, V, Zn
	DE0003R	Schauinsland	47	54	53 N	7	54	31 E	1205	As, Cd, Cu, Co, Fe, Pb, Mn, Ni, Ti, Sb, V, Zn	As, Cd, Cu, Cr, Co, Fe, Hg, Pb, Mn, Ni, Se, Sb, Ti, V, Zn
	DE0007R	Neuglobsow	53	10	0 N	13	2	0 E	65	As, Cd, Cu, Co, Fe, Pb, Mn, Ni, Sb, Ti, V, Zn	As, Cd, Cu, Cr, Co, Fe, Pb, Mn, Ni, Se, Sb, Ti, V, Zn
	DE0008R	Schmücke	50	39	0 N	10	46	0 E	937	As, Cd, Cu, Co, Fe, Hg, Pb, Mn, Ni, Ti, Sb, V, Zn	As, Cd, Cu, Cr, Co, Fe, Hg, Pb, Mn, Ni, Se, Sb, Ti, V, Zn
	DE0009R	Zingst	54	26	0 N	12	44	0 E	1	As, Cd, Cu, Co, Fe, Hg, Pb, Mn, Ni, Ti, Sb, V, Zn	As, Cd, Cu, Cr, Co, Fe, Hg, Pb, Mn, Ni, Se, Sb, Ti, V, Zn
Denmark	DK0003R	Tange	56	21	0 N	9	36	0 E	13	As, Cr, Cu, Fe, Pb, Mn, Ni, Zn	
	DK0005R	Keldsnor	54	44	0 N	10	44	0 E	1	As, Cr, Cu, Fe, Pb, Mn, Ni, Zn	
	DK0008R	Anholt	56	43	0 N	11	31	0 E	40	As, Cr, Cu, Fe, Pb, Mn, Ni, Zn	As, Cd, Cr, Cu, Pb, Ni, Zn
	DK0010G	Nord, Greenland	81	36	0 N	16	40	12 W	20	Al, As, Cr, Cu, Pb, Fe, Mn, Ni, Se, Zn, Hg	
	DK0022R	Sepstrup Sande	55	5	0 N	9	36	0 E	60		As, Cd, Cr, Cu, Pb, Ni, Zn
	DK0031R	Ulborg	56	17	0 N	8	26	0 E	10	As, Cr, Cu, Fe, Pb, Mn, Ni, Zn	As, Cd, Cr, Cu, Pb, Ni, Zn
Estonia	EE0009R	Lahemaa	59	30	0 N	25	54	0 E	32	Cd, Pb, Ni,	As, Cd, Cu, Pb, Zn, Hg, Cr, Ni
	EE0011R	Vilsandy	58	23	0 N	21	49	0 E	6		Cd, Cu, Pb, Zn
Spain	ES0001R	San Pablo de los Montes	39	32	49 N	4	21	2 W	917	As, Cd, Cr, Cu, Pb, Ni, Zn (campaign)	As, Cd, Cr, Cu, Pb, Ni, Zn, Hg (campaign) (total deposition)
	ES0007R	Viznar	37	14	14 N	3	32	3 W	1265	As, Cd, Cr, Cu, Pb, Ni, Zn (campaign)	As, Cd, Cr, Cu, Hg, Pb, Ni, Zn (campaign)(total deposition)
	ES0008R	Niembro	43	26	20 N	4	50	57 W	134	As, Cd, Cr, Cu, Pb, Ni, Zn	As, Cd, Cu, Cr, Pb, Hg, Ni, Zn (precip AND total deposition)
	ES0009R	Campisabalos	41	16	27 N	3	8	33 W	1360	As, Cd, Cr, Cu, Pb, Ni, Zn	As, Cd, Cr, Cu, Hg, Pb, Ni, Zn (in precipitation)
	ES0014R	Els Torms	41	23	33 N	0	44	3 E	470	As, Cd, Cr, Cu, Pb, Ni, Zn (campaign)	As, Cd, Cr, Cu, Hg, Pb, Ni, Zn (campaign)(total deposition)
	ES1778	Montseny	41	46	0 N	2	21	0 E	700	Al, As, Cd, Cu, Co, Fe, Pb, Mn, Ni, Ti, Sb, V, Zn + more	
Finland	FI0008R	Kevo	69	45	25 N	27	0	41 E	80		Al, As, Cd, Cr, Cu, Fe, Pb, Mn, Ni, V, Zn
	FI0017R	Virolahti II	60	31	34 N	27	40	17 E	8	As, Cd, Cr, Co, Cu, Fe, Pb, Mn, Ni, V, Zn	Al, As, Cd, Cr, Cu, Fe, Pb, Mn, Ni, V, Zn
	FI0022R	Oulanka	66	19	13 N	29	23	59 E	310		Al, As, Cd, Cr, Cu, Fe, Pb, Mn, Ni, V, Zn
	FI0036R	Pallas/Matarova	68	0	0 N	24	14	23 E	340	As, Cd, Cr, Co, Cu, Fe, Hg, Pb, Mn, Ni, V, Zn	Al, As, Cd, Cr, Cu, Fe, Hg, Pb, Mn, Ni, V, Zn
	FI0037R	Ähtäri II	62	35	19 N	24	11	31 E	180	As, Cd, Cr, Co, Cu, Fe, Pb, Mn, Ni, V, Zn	
	FI0053R	Hailuoto II	64	59	52 N	24	40	57 E	4		Al, As, Cd, Cr, Cu, Fe, Pb, Mn, Ni, V, Zn
	FI0092R	Hietajarvi	63	10	6 N	30	42	40 E	173		Al, As, Cd, Cr, Cu, Fe, Pb, Mn, Ni, V, Zn
	FI0093R	Kotinen	61	14	21 N	25	3	55 E	158		Al, As, Cd, Cr, Cu, Fe, Pb, Mn, Ni, V, Zn
France	FR0009R	Revin	49	54	0 N	4	38	0 E	390	As, Cd, Cr, Cu, Pb, Ni, Zn	As, Cd, Cu, Cr, Ni, Pb, Zn
	FR0013R	Peyrusse Vieille	43	37	0 N	0	11	0 E	200	As, Cd, Cr, Cu, Pb, Ni, Zn	As, Cd, Cu, Cr, Ni, Pb, Zn
	FR0090R	Porspoder	48	31	0 N	4	45	0 W	50		As, Cd, Cu, Cr, Ni, Pb
Great Britain	GB0006R	Lough Navar	54	26	35 N	7	52	12 W	126		As, Cd, Cr, Cu, Pb, Ni, Zn
	GB0013R	Yarner Wood	50	35	47 N	3	42	47 W	11	As, Cd, Cr, Cu, Hg, Pb, Ni, Zn	As, Cd, Cr, Cu, Hg, Pb, Ni, Zn
	GB0017R	Heigham Holmes	54	45	14 N	1	38	22 W	267	As, Cd, Cr, Cu, Hg, Pb, Ni, Zn	As, Cd, Cr, Cu, Hg, Pb, Ni, Zn
	GB0091R	Banchory	57	5	0 N	2	32	0 W	120	As, Cd, Cr, Cu, Hg, Pb, Ni, Zn	As, Cd, Cr, Cu, Hg, Pb, Ni, Zn
Hungary	HU0002R	K-pusztá	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
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
Italy	IT0001R	Montelibretti	42	6	0 N	12	38	0 E	48		Cd, Cu, Pb, Zn

Table 1, cont.

Country	code	Station name	Latitude			Longitude			hosi	Metals in air	Metals in precip
Latvia	LV0010R	Rucava	56	9	43 N	21	10	23 E	18	As,Cd,Cu,Cr,Pb,Ni,Zn, Mn	As,Cd,Cr,Cu,Hg,Pb,Mn,Ni,Zn
	LV0016R	Zoseni	57	8	7 N	25	54	20 E	188		As,Cd,Cr,Cu,Hg,Pb,Mn,Ni,Zn
Netherlands	NL0008R	Bilthoven	52	7	0 N	5	12	0 E	5	As,Cd,Pb,Ni,Zn	As,Cd,Cr,Cu,Pb,Ni,Zn
	NL0009R	Kollumerwaard	53	20	2 N	6	16	38 E	1	As,Cd,Pb,Ni,Zn	
	NL0010R	Vredepeel	51	32	28 N	5	51	13 E	28	As,Cd,Pb,Ni,Zn	
	NL0091R	De Zilk	52	18	0 N	4	30	0 E	4		As,Cd,Cr,Cu,Pb,Ni,Zn,Hg
Norway	NO0001R	Birkenes	58	23	0 N	8	15	0 E	190	As,Cd,Cr,Co,Cu,Pb,Hg,Ni,V,Zn	As,Cd,Cr,Co,Cu,Pb,Hg,Ni,V,Zn
	NO0039R	Kårvatn	62	47	0 N	8	53	0 E	210		Cd,Pb,Zn
	NO0042G	Zeppelin	78	54	0 N	11	53	0 E	474	As,Cd,Cr,Co,Cu,Pb,Mn,Hg,Ni,V,Zn	
	NO0055R	Karasjok	69	28	0 N	25	13	0 E	333		Cd,Pb,Zn
	NO0056R	Hurdal	60	22	0 N	11	4	0 E	300		Cd,Pb,Zn
Poland	PL0004R	Leba	54	45	13 N	17	32	5 E	2		Cd,Cr,Cu,Pb,Ni,Zn
	PL0005R	Diabla Gora	54	9	0 N	22	4	0 E	157	As,Cd,Cr,Cu,Pb,Hg,Ni,Zn	As,Cd,Cr,Cu,Pb,Ni,Zn
Portugal	PT0001R	Braganca	41	48	0 N	6	43	58 W	690		Cd,Cu,Pb,Mn,Ni, Zn
	PT0002R	Faro	37	1	0 N	7	58	0 W	8		Cd,Cr,Cu,Hg,Pb,Ni,Zn (from July)
	PT0003R	Viana do Castelo	41	42	0 N	8	48	0 W	16		Cd,Cu,Pb,Mn,Ni,Zn
	PT0004R	Monte Velho	38	5	0 N	8	48	0 W	43		Cd,Cu,Cr,Hg,Pb,Mn,Ni,Zn
	PT0010R	Angra do Heroismo	38	40	0 N	27	13	0 W	74		Cd,Cu,Pb,Mn,Ni,Zn
Sweden	SE0005R	Bredkälen	63	51	0 N	15	20	0 E	404	As,Cd,Cr,Hg, <i>Pb,Co,Cu,Mn,Ni,V,Zn</i>	As,Cd,Cr,Co,Cu,Hg,Pb,Mn,Ni,V,Zn
	SE0011R	Vavihill	56	1	0 N	13	9	0 E	175	As,Cd,Cr,Hg, <i>Pb,Co,Cu,Mn,Ni,V,Zn</i>	As,Cd,Cr,Co,Cu,Hg,Pb,Mn,Ni,V,Zn
	SE0012R	Aspvreten	58	48	0 N	17	23	0 E	20	As,Cd,Cr, <i>Pb,Co,Cu,Mn,Ni,V,Zn</i>	
	SE0014R	Råö	57	23	0 N	11	53	0 E	10	As,Cd,Hg(+Hg _{part}), <i>Pb,Cr,Co,Cu,Mn,Ni,V,Zn</i>	<i>Hg,As,Cd,Cr,Co,Cu,Pb,Mn,Ni,V,Zn</i>
	SE0051R	Arup	55	45	0 N	13	40	0 E	157		As,Cd,Cr,Co,Cu,Pb,Mn,Ni,V,Zn
	SE0097R	Gårdsjön	58	3	0 N	12	1	0 E	126		As,Cd,Cr,Co,Cu,Pb,Mn,Ni,V,Zn
Slovenia	SI0008R	Iskrba	45	33	45 N	14	51	45 E	520	As,Cd,Cr,Cu,Hg,Pb,Ni,Zn	As,Cd,Cr,Cu,Hg,Pb,Ni,Zn
Slovakia	SK0002R	Chopok	48	56	0 N	19	35	0 E	2008	As,Cd,Cr,Cu,Pb,Ni,Zn	As,Cd,Cr,Cu,Pb,Ni,Zn
	SK0004R	Stará Lesná	49	9	0 N	20	17	0 E	808	As,Cd,Cr,Cu,Pb,Ni,Zn	As,Cd,Cr,Cu,Pb,Ni,Zn
	SK0006R	Starina	49	3	0 N	22	16	0 E	345	As,Cd,Cr,Cu,Pb,Ni,Zn	As,Cd,Cr,Cu,Pb,Ni,Zn
	SK0007R	Topolníky	47	57	36 N	17	51	38 E	113	As,Cd,Cr,Cu,Pb,Ni,Zn	As,Cd,Cr,Cu,Pb,Ni,Zn

Components shown in italic are available from the national contact. Not reported to EMEP.

2.2 Monitoring sites for POPs

The locations of the measurement sites, which have delivered POPs for 2009, are shown in Figure 3 and Table 2. In 2009 there were 14 sites measuring POPs in both compartments, and altogether there were 24 measurement sites, which is four more sites than in 2008. Furthermore there are three sites in Spain delivering campaign data. Most of the additional measurements are PAH and more specifically benzo[a]pyrene which is required to monitor in accordance to the EUs air quality directives (EU, 2004, 2008).

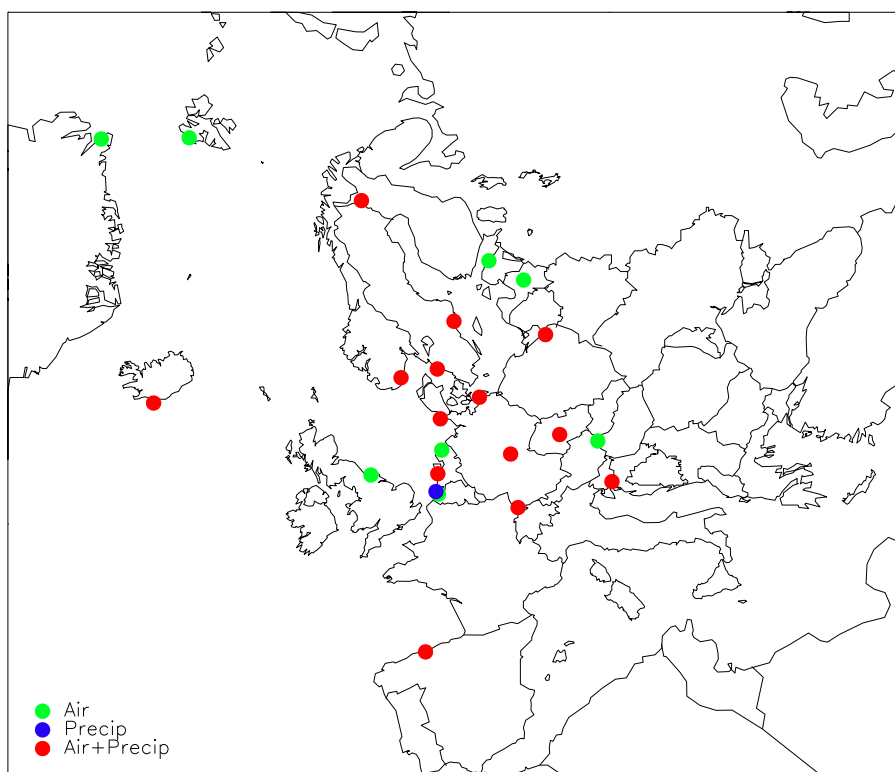


Figure 3: Monitoring network of POPs in EMEP, 2009.

2.3 Sampling and analytical techniques

A brief summary of the sampling and analytical techniques used for the 2009-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, 2009.

Country	Code	Name	Latitude	Longitude	hasl	POPs in air and aerosol	POPs in precipitation or total deposition
Austria	AT0002R	Illmitz	47 46 0 N	16 46 0 E	117	PAHs	
Belgium	BE0013R	Houtem	51 15 0 N	3 21 0 E	10	PAHs	
	BE0014R	Koksijde	51 7 15 N	2 39 30 E	4		PCBs, Pesticides, HCB, HCHs
Cyprus	CY0002R	Ayia Marina	35 2 20 N	33 3 29 E	532	PAHs	
Czech rep.	CZ0003R	Košetice	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	PAHs, PCBs, pesticides, HCB, HCHs
	DE0003R	Schauinsland	47 54 53 N	7 54 31 E	1205	PAHs, PCBs, pesticides, HCB, HCHs	PAHs, PCBs, pesticides, HCB, HCHs
	DE0008R	Schmücke	50 39 0 N	10 46 0 E	937	PAHs, PCBs, pesticides, HCB, HCHs	PAHs, PCBs, pesticides, HCB, HCHs
	DE0009R	Zingst	54 26 0 N	12 44 0 E	1	PAHs, PCBs, pesticides, HCB, HCHs	PAHs, PCBs, pesticides, HCB, HCHs
Denmark	DK0010G	Nord, Greenland	81 36 0 N	16 40 12 W	20	Pesticides, HCB, HCHs	
Estonia	EE0009R	Lahemaa	59 30 0 N	25 54 0 E	32	PAH (Benzo[a]pyrene)	
Spain	ES0001R	San Pablo de los Montes	39 32 52 N	4 20 55 W	917	PAHs (campaign)	PAHs (campaign)
	ES0007R	Viznar	37 14 0 N	3 32 0 W	1265	PAHs (campaign)	PAHs (campaign)
	ES0008R	Niembro	43 26 32 N	4 51 1 W	134	PAHs	PAHs
	ES0014R	Els Torms	41 24 0 N	0 43 0 E	470	PAHs (campaign)	PAHs (campaign)
Finland	FI0036R	Pallas/Matorova	68 0 0 N	24 14 23 E	340	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	LV0016R	Zoseni	57 8 7 N	25 54 20 E	188	PAH (Benzo[a]pyrene)	
Netherlands	NL0091R	De Zilk	52 18 0 N	4 30 0 E	4		gHCH
	NL0009R	Kollumerwaard	53 20 2 N	6 16 38 E	1	PAHs	□
Norway	NO0001R	Birkenes	58 23 0 N	8 15 0 E	190	PAHs, PCBs, pesticides, HCHs, HCB, dioxines, PFAS, PBDE, HBCD	
	NO0042G	Spitsbergen	78 54 0 N	11 53 0 E	474	PAHs, PCBs, pesticides, HCHs, HCB, dioxines, PFAS, PBDE, HBCD	PAHs, PCBs, HCB, HCHs
Poland	PL0005R	Diabla Gora	54 9 0 N	22 4 0 E	157	PAHs	PAHs
Sweden	SE0012R	Aspvreten	58 48 0 N	17 23 0 E	20	PAHs, PCBs, pesticides, HCB, HCHs, PBDE, Dioxines/furnas, SCCP	PCBs, HCHs, PAHs, pesticides, PBDE, HCB, Dioxines/furnas, SCCP
	SE0014R	Råö	57 23 38 N	11 55 50 E	5	PAHs, PCBs, pesticides, HCB, HCHs, PBDE, Dioxines/furnas, SCCP	PCBs, , HCHs, PAHs, pesticides, PBDE, HCB, Dioxines/furnas, SCCP
Slovenia	SI0008R	Iskrba	45 34 0 N	14 52 0 E	520	PAHs	PAHs

Components shown in italic are available from the national contact. Not reported to EMEP

Table 3: Measurement methods for POPs, 2009.

Country	Precipitation		Air and aerosols		Laboratory method
	Sampling method	Frequency	Sampling method	Frequency	
Belgium	wet only	Monthly	High Vol, Digitel, 1000 m ³ /day	24h, once every 4 days	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	High vol	monthly	GC-MS
Spain	Bulk (precip + dry dep)	52 days (campaign)	PM ₁₀ , High vol	24h, once every 8 days	GC-MS
Estonia			High vol	weekly	GC-MS
Finland	Bulk (precip + dry dep)	1-2-week sampling, monthly analysis	High vol.	weekly sampling, monthly analysis	HPLC, GC-MS, GC-ECD
Great Britain			High Vol. Whatman GF filter + 2 PUR foams. 5 m ³ /h	biweekly sampling, 3 monthly analysis	GC-MS
Iceland	bulk, (Steel funnel 1m ² /PUF foam)	Biweekly	PUF-foam 1000m ³ /15days	Biweekly	GC-MS
Latvia			PM ₁₀ , low volume sampler	Weekly	GC-MS
Netherlands	bulk	4 weekly	PM ₁₀ LVS, Whatman quartz filter	Sampled every other day, analysis is pooled 3 samples in winter, 5 in summer time	GC-MS
Norway	bulk, funnel and bottle of glass	Weekly	High Vol. Gelman AE filter + 2 PUR foams. 20m ³ /h	NO01: 24h a week NO42: 48h a week	GC-MS
Poland	bulk, funnel and bottle of glass	weekly sampling, monthly analysis	High vol., quartz filter, 750 m ³ /day	24 hours sampling weekly analysis	HPLC
Sweden	Bulk (precip + dry dep)	monthly	High vol.	SE14 biweekly, SE12: 1 w a month	HPLC, GC-MS
Slovenia	Bulk (precip + dry dep)	weekly	PM ₁₀ , Low vol	24h (every 2nd day)	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, 2009.

Country	Precipitation		Air and aerosols		Laboratory method	Participate in EMEP lab. Intercomp. ¹
	Field method	Frequency	Field method	Frequency		
Austria			High Volume Sampler, quartz fibre filters with organic binder, 720 m ³ /day	24h every 6 th day	As, Ni, Cd, Pb:microwave digestion (HNO ₃ /H ₂ O ₂), ICP-MS EN 14902 modified	yes
Belgium	wet only	weekly	Low volume sampler absorbing tubes (TPM)	daily	ICP-MS CV-AFS	yes
	Hg wet only	weekly		daily		
Cyprus			High Volume Sampler, quartz fibre filters, ca 700 m ³ /day	daily	ICP-MS	no
Czech Republic	Bulk	Weekly	Filter-1pack	every 2 nd day	Precipitation:GF-AAS; Zn,Fe: F-AAS, Air: ICP-MS	yes
Germany	wet only	Weekly	Low volume sampler TGM:gold trap	weekly	ICP-MS CV-AFS	yes
	Hg wet only	Weekly		daily		
Denmark	Bulk	Monthly	Low volume sampler, Millipore RAWP 1.2 mm, 58 m ³ /day TGM: monitor (Tekran)	daily	Precip: GF-AAS , Aerosols: PIXE	yes
	Hg			continously		
Estonia	Bulk	EE0009R daily EE0011R weekly		weekly	GF-AAS, Zn: F-AAS	yes
Spain	wet only ES1779	Weekly	High-vol, PM ₁₀	24h a week	ICP-MS (aerosol) GF-AAS for precip ICP-AES and ICP-MS	no no
			High volume, PM ₁₀ , PM _{2.5} , PM ₁	24h a week		
Finland	Bulk	Monthly	PM ₁₀ , Teflon, Millipore Fluoropore 3 µm, 20 l/min Hg: gold traps (TGM) Hg: mini traps (TPM)	F117: 2+2+3 days, F136+F137: weekly	ICP-MS CV-AFS CV-AFS	yes
	Hg	Monthly		2 x 24h a week weekly		
France	wet only	biweekly	low volume sampler	biweekly	ICP MS GF-AAS	yes yes
	FR90	Monthly				
Great Britain	Bulk	GB06,17: monthly GB13,91: weekly	PM ₁₀ , low volume sampler	weekly	ICP-MS	yes
Hungary	wet only	monthly	filter_1pack	3 day samples	GF-AAS	yes
Ireland	Bulk	Monthly	TGM: monitor (Tekran)	continously	ICP-MS	no
Iceland	Bulk Hg	Weekly	High vol. High vol.	Biweekly	ICP-MS CV-AAS	(yes) ²
				Biweekly		
Italy	wet only	daily			polarography	yes
Latvia	Bulk	Weekly	PM ₁₀ , low volume sampler	Weekly	ICP-MS	yes
Netherlands	Wet-only	weekly	Low volume sampler	24h every 2 days	ICP-MS CV-AFS	yes
	Hg Wet-only	Weekly				

Table 4, cont.

Country	Precipitation		Air and aerosols		Laboratory method	Participate in EMEP lab. Intercomp. ¹
	Field method	Frequency	Field method	Frequency		
Norway	Bulk	Weekly	NO42: High Vol, 20 l/h, W41 NO01: PM ₁₀ KFG 2,3 l/h, quartz TGM: monitor (Tekran)	48h a week Weekly continuously	ICP-MS CV-AFS	yes
Poland, PL04 Poland PL05	Wet-only Wet-only Hg Bulk (Hg)	biweekly Weekly Weekly	PM ₁₀ High vol, quartz filter Hg: gold traps (TGM)	weekly (bulked 24h) 24h a week	GF-AAS, Zn: F-AAS GF-AAS AAS-AMA analyzer	Yes yes
Portugal	PT10: Wet-only, PT01,03,04: bulk	Weekly Daily			GF-AAS, Zn: F-AAS	yes
Sweden	Bulk Hg Bulk (Hg)	Monthly Monthly	Low volume sampler, teflon filter Hg: gold traps (TGM) Hg: mini traps (TPM)	monthly 2 X 24 h a week 2 X 24 h a week	ICP-MS CV-AFS CV-AFS	(yes) ²
Slovenia Hg	bulk (HM) wet only (Hg)	weekly 2 weeks	Low volume, PM ₁₀ , quartz filters Hg: gold traps (Mercury Ultratracer)	24 h every 2 days continuously	ICP-MS Precip: CV-AAS, Aerosol: AAS	yes
Slovakia	Wet-only: SK04, SK06, SK07. Bulk: SK02	Monthly	SK02. TSP Filter-1pack, Nitrocellulose filters Sartorius 47m: 24-37 m ³ /day. SK04, SK06, SK07; 24 m ³ /day PM ₁₀ / Partisol R&P.	Weekly	Precipitation: GF-AAS; Zn: F-AAS, As: MHS; Air: ICP-MS	yes

¹ Countries participated in the intercomparison in 2009 (Uggerud et al., 2011)

² Samples shipped to NILU, Norway for analysis

GF-AAS: Graphic Furnace Atomic Absorption Spectroscopy

F-AAS: Furnace Atomic Absorption Spectroscopy

XRF: X-ray fluorescence

ICP-MS: Inductively Coupled Plasma - Mass Spectrometry

CV-AFS: Cold Vapour Atomic Fluorescence Spectroscopy

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 2009 precipitation and air data are presented in Figure 4–Figure 9. Note that Cyprus with measurements of heavy metals in air is outside the map domain thus included as a dislocated point south of Turkey

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.

The lowest concentrations for all elements in air as well as precipitation are generally found in northern Scandinavia. An increasing gradient can in general be seen southeast, but the concentration levels are not evenly distributed and there are some “hotspots” for some elements, i.e. in the BeNeLux countries for lead and cadmium in air. Further, an extremely high annual concentration of cadmium in precipitation (2.0 ng/l) is seen at IT01, which most likely must be due to local influence from sources in the Rome area.

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. According to the EMEP data quality objectives (EMEP/CCC, 1995), the data completeness should be at least 90%; in addition, 75% of the data should be above the detection limit. As seen in Annex 1 and Annex 2, these two criteria are often not met. However, several countries analyse heavy metals in air on one or two samples weekly from daily aerosol samples. This will give poor data completeness, but the seasonal distribution and data coverage is anyhow satisfactory and the estimate of the annual average is probably reasonable.

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

3.1.1 Lead in precipitation

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

For lead in precipitation, the highest levels are observed in Italy and Hungary. The lowest concentrations of Pb during 2009 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.

Portugal has a high level of cadmium, though this is due to high detection limit (0.85 $\mu\text{g/l}$), and these data are therefore not shown in Figure 5. Apart from this, the highest cadmium levels in precipitation are seen in Slovakia and the Czech republic. An extremely high annual concentration of cadmium in precipitation (2.0 ng/l) is seen at IT01, which most likely must be due to local influence from sources in the Rome area or contamination at the site.

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. There are several sites (in PT, EE, LV, IE) with high detection limits and these are not included in the map, for those included the highest level is seen in Sweden.

3.1.4 Lead in aerosols

Figure 7 presents the annual averages of Pb in air in 2009. The lowest concentrations (below 1.0 ng Pb/m³) can be seen in the Arctic while the highest levels are in the BeNeLux countries and Slovakia, concentrations reach almost 10 ng Pb/m³. Relatively high values are found in Austria and Cyprus.

3.1.5 Cadmium in aerosols

Cadmium in aerosols is presented in Figure 8. The lowest concentrations (below 0.05 ng Cd/m³) are reported from the arctic sites. An increasing gradient can be seen south-eastward. For cadmium in air the highest levels are seen in the BeNeLux and in Slovakia, with annual average above 0.2 ng Cd/m³, except at Chopok (SK02) where concentrations are low (0.04 ng Cd/m³) due to the high altitude location at more than 2000 m.a.s.l.

3.1.6 Mercury in air

The spatial distribution of elemental mercury in air does not follow a general pattern; the highest annual average is seen in Sweden (2.26 ng/m³), and lowest in The Czech Republic, Poland and northern Finland. For mercury in aerosol the concentrations are even more scattered and incomparable, however, particulate mercury is difficult to measure and most probably the methodology used is not directly comparable.

Table 5: Annual average concentration of heavy metals in precipitation in 2009 ($\mu\text{g/l}$, Hg in ng/l).

Code	Pb	Cd	Zn	Hg	Ni	As	Cu	Co	Cr	Mn	V	Fe	mm (HM)	mm Hg
BE0014R	1.95	0.042	7.3	8	0.78	0.14	13.02	-	0.46	3.2	-	21	643	600
CZ0001R	1.45	0.052	29.6	-	0.60	-	-	-	-	-	-	72	757	
CZ0003R	0.77	0.199	26.3	-	1.01	-	-	-	-	-	-	70	688	
DE0001R	0.49	0.016	4.7	7	0.24	0.07	1.86	0.02	0.10	1.4	0.33	10	747	740
DE0002R	0.57	0.019	3.4	7	0.20	0.07	0.85	0.02	0.08	1.8	0.24	15	638	654
DE0003R	0.55	0.021	3.6	9	0.18	0.06	0.72	0.03	0.07	2.2	0.27	15	1320	1382
DE0007R	0.74	0.027	5.2	-	0.40	0.09	1.57	0.02	0.10	2.2	0.22	13	536	
DE0008R	0.75	0.026	10.4	6	0.41	0.08	1.28	0.02	0.16	1.4	0.21	12	1276	1311
DE0009R	0.70	0.024	6.2	5	0.47	0.07	-	0.02	0.09	2.3	0.39	11	542	557
DK0008R	1.83	0.052	16.3	-	0.54	0.39	1.87	-	0.39	-	-	-	600	
DK0022R	1.54	0.043	9.3	-	0.43	0.23	2.68	-	0.19	-	-	-	715	
DK0031R	0.82	0.045	12.4	-	0.48	0.20	1.64	-	0.19	-	-	-	823	
EE0009R	0.57	0.039	5.4	25	1.02	0.50	4.73	-	0.50	-	-	-	688	636
EE0011R	1.28	0.148	5.6	-	-	-	5.11	-	-	-	-	-	704	
ES0008R	0.89	0.080	54.2	7	1.73	0.29	16.35	-	1.12	-	-	-	1028	736
ES0009R	1.29	0.076	47.4	-	18.58	0.09	14.69	-	2.19	-	-	-	254	
FI0008R	0.43	0.059	1.7	-	1.61	0.18	2.98	0.05	0.26	1.3	0.30	18	293	
FI0017R	1.35	0.072	5.4	-	0.29	0.13	2.26	0.03	0.30	2.8	0.67	98	518	
FI0022R	0.38	0.085	2.9	-	0.18	0.18	1.79	0.01	0.29	2.0	0.23	14	553	
FI0036R	0.37	0.045	3.3	5	0.17	0.06	2.11	0.01	0.21	2.0	0.24	10	385	238
FI0053R	0.59	0.036	3.3	-	0.22	0.06	2.14	0.05	0.33	2.4	0.52	43	416	
FI0092R	0.64	0.062	2.6	-	0.15	0.06	1.78	0.01	0.29	1.8	0.27	23	542	
FI0093R	0.67	0.050	2.9	-	0.25	0.08	1.50	0.02	0.37	2.4	0.37	25	529	
FR0009R	0.28	0.019	3.7	-	0.30	0.07	0.71	-	0.15	-	-	-	1036	
FR0013R	0.23	0.015	5.3	-	0.35	0.06	1.01	-	0.10	-	-	-	706	
FR0090R	0.56	0.084	2.6	-	0.50	0.08	0.65	-	0.12	-	-	-	1338	
GB0006R	0.13	0.004	1.0	-	0.06	0.19	0.16	0.003	0.04	0.5	0.10	2	1814	
GB0013R	0.21	0.005	1.0	3	0.20	0.07	0.26	0.007	0.07	1.0	0.40	4	1295	903
GB0017R	0.97	0.021	6.4	5	0.34	0.12	0.87	0.030	0.11	3.5	0.40	24	501	486
GB0091R	0.39	0.008	1.6	4	0.12	0.11	0.25	0.007	0.07	1.1	0.14	5	922	777
HU0002R	2.21	0.084	-	-	-	-	-	-	-	-	-	-	469	
IE0001R	0.50	0.070	22.9	63	0.50	0.50	3.07	-	0.50	1.7	0.50	-	2168	2168
IS0090R	0.25	0.009	8.9	-	0.87	0.15	2.86	-	0.37	4.7	1.52	243	731	
IS0091R	0.18	0.009	6.2	-	0.18	0.04	0.81	-	0.10	1.9	0.49	84	1662	
IT0001R	3.19	1.952	18.6	-	-	-	17.12	-	-	-	-	-	920	
LV0010R	1.35	0.115	23.4	30	0.90	0.23	1.61	-	0.78	3.4	-	-	716	716
LV0016R	1.05	0.084	18.4	30	0.92	0.17	1.77	-	0.37	3.4	-	-	793	793
NL0009R	0.87	0.029	5.2	-	0.29	0.12	0.88	-	0.37	-	-	-	728	
NL0091R	0.70	0.020	3.9	9	0.24	0.10	1.17	-	0.27	-	-	-	719	685
NO0001R	0.92	0.040	3.9	9	0.19	0.18	0.46	0.01	0.12	-	0.74	-	1798	1806
NO0039R	0.09	0.010	1.3	-	-	-	-	-	-	-	-	-	1371	
NO0055R	0.28	0.024	4.7	-	-	-	-	-	-	-	-	-	285	
NO0056R	0.79	0.043	7.4	-	-	-	-	-	-	-	-	-	991	
PL0004R	0.56	0.038	6.4	-	0.18	-	0.82	-	0.08	-	-	-	681	
PL0005R	0.65	0.037	3.6	-	0.30	0.22	1.85	-	0.09	-	-	-	601	
PT0001R														
PT0002R														
PT0003R	1.34	0.558	4.0	-	1.27	-	1.51	-	-	3.1	-	-	1583	
PT0004R	0.81	0.526	8.9	30	1.45	0.10	1.35	-	0.19	2.5	-	-	584	416
PT0010R														
SE0005R	0.28	0.030	4.1	6	0.14	0.07	0.31	0.01	0.11	4.1	0.12	-	505	412
SE0011R	0.70	0.071	8.7	10	0.32	0.19	1.27	0.03	-	6.0	0.61	-	656	605
SE0014R	-	-	-	14	-	-	-	-	-	-	-	-	-	458
SE0051R	0.63	0.038	6.3	-	0.23	0.16	0.60	0.03	0.12	6.2	0.65	-	591	
SE0097R	0.41	0.032	4.8	-	0.18	0.12	2.26	0.01	0.11	4.3	0.62	-	778	
SI0008R	0.52	0.019	2.2	6	0.25	0.03	0.55	-	0.16	-	-	-	1283	1292
SK0002R	1.51	0.188	16.1	-	0.64	0.18	0.93	-	0.45	-	-	-	1258	
SK0004R	1.28	0.188	12.5	-	0.92	0.12	2.98	-	0.14	-	-	-	827	
SK0006R	1.36	0.068	9.1	-	0.91	0.16	1.47	-	0.11	-	-	-	745	
SK0007R	1.00	0.056	7.3	-	0.62	0.17	1.06	-	0.15	-	-	-	600	

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

Data in parentheses are not included in the map figure (Fig 4-6)

Grey shades means reported data but data completeness less than 70%

Co, Mn, Fe and V from GB is reported as annual mean and not included in ebas nor in the appendices

Table 6: Annual average concentration of heavy metals in air in 2009 (ng/m³).

Code	Pb	Cd	Zn	Hg (g)	Hg (aerosol)	Ni	As	Cu	Co	Cr	Mn	V	Al	Fe
AT0002R	6.21	0.209	-	-		0.87	0.67	-	-	-	-	-	-	-
BE0014R	8.62	0.309	22.3	-		6.24	1.28	8.23	-	3.68	8.73	-	-	-
CY0002R	6.11	0.152	39.9	-	0.05	2.04	0.19	2.12	-	1.89	10.56	3.13	1252	590
CZ0001R	4.28	0.153	-	-		0.31	0.52	2.25	-	-	2.7	-	-	-
CZ0003R	4	0.151	-	0.68	13	0.35	0.63	1.07	-	-	1.81	-	-	-
DE0001R	2.78	0.094	11.5	-		1.24	0.33	2.21	0.06	-	2.01	2.23	-	73
DE0002R	5.24	0.135	15.1	1.69	9.9	0.94	0.5	2.75	0.06	-	3.25	1.22	-	103
DE0003R	1.82	0.044	8.2	-		0.3	0.16	1.28	0.05	-	1.98	0.51	-	80
DE0007R	5.59	0.15	13.6	-		0.65	0.63	1.88	0.05	-	2.59	1.01	-	69
DE0008R	2.66	0.067	7.4	1.68		0.42	0.29	1.47	0.04	-	1.79	0.49	-	63
DE0009R	4.53	0.111	11.6	1.46		1.71	0.56	1.65	0.07	-	2.23	2.94	-	66
DK0003R	3.76	-	17.7	-		1.4	0.7	3.18	-	0.26	4.66	-	-	247
DK0005R	4.02	-	10.5	-		2.93	0.38	1.92	-	0.31	2.49	-	-	80
DK0008R	2.34	-	7.7	-		1.67	0.27	1.01	-	0.03	1.94	-	-	54
DK0010G	0.58	-	1.7	1.38		0.12	0.06	0.07	-	0.1	0.42	-	34	17
DK0031R	2.56	-	8.1	-		1.08	0.32	1.33	-	0.08	1.92	-	-	60
EE0009R	3.88	0.082	-	-		1.77	-	-	-	-	-	-	-	-
ES0008R	4.41	0.07	14.5	-		1.73	0.18	60.45	-	0.85	-	-	-	-
ES0009R	1.27	0.029	4.8	-		0.6	0.15	2.33	-	0.92	-	-	-	-
ES1778R	2.69	0.082	16.8	-		1.17	0.23	4.86	0.12	0.98	5.49	2.58	-	203
FI0017R	2.97	0.1	10	-		1.16	0.31	1.02	0.08	0.34	3.2	2.41	209	126
FI0036R	0.62	0.026	1.7	1.30	2.1	0.39	0.11	0.3	0.02	0.06	0.4	0.53	18	15
FI0037R	1.06	0.04	3.7	-		0.32	0.14	0.36	0.04	0.09	0.89	0.57	35	28
FR0009R	4.40	0.073	15.7	-		1.27	0.29	2.54	-	1.69	-	-	-	-
FR0013R	2.69	0.041	9.4	-		0.95	0.24	2.06	-	1.19	-	-	-	-
GB0013R	2.01	0.041	5.3	-	1.4	0.86	0.37	1.08	0.03	1.06	1.02	1.26	-	34
GB0017R	5.17	0.102	8.6	-	0.9	1.67	0.5	2.14	0.07	0.85	2.06	2.37	-	71
GB0091R	2.07	0.037	4.2	-	1.0	0.3	0.28	0.7	0.024	1.15	0.75	0.40	-	30
HU0002R	-	-	-	-		-	-	-	-	-	-	-	-	-
IS0002R	-	-	-	-		-	-	-	-	-	-	-	-	94
IS0091R	1.11	0.033	9.8	-	2.3	4.16	0.06	1.02	-	7.24	7.71	3.14	324	622
LV0010R	5.05	0.119	15.7	-		2.11	0.31	3.24	-	15.17	5.24	-	-	-
NL0008R	7.74	0.199	28.1	-		1.92	0.57	-	-	-	-	-	-	-
NL0009R	0.87	0.029	5.2	-		0.29	0.12	0.88	-	0.37	-	-	-	-
NL0010R	9.25	0.213	34.5	-		1.65	0.6	-	-	-	-	-	-	-
NL0091R	0.7	0.020	3.9	8.84		0.24	0.1	1.17	-	0.27	-	-	-	-
NO001R	1.07	0.037	5.4	1.69		0.66	0.21	0.71	0.03	1.45	-	0.82	-	-
NO0042G	0.43	0.017	1.5	1.55		0.13	0.06	0.3	0.01	0.14	0.43	0.13	-	-
PL0005R	4.29	0.195	15	1.25		0.75	0.34	0.68	-	1.18	-	-	-	-
SE0005R	0.42	0.05	-	2.26		0.12	0.04	-	-	-	-	-	-	-
SE0011R	2.17	0.046	-	1.43		0.93	0.24	-	-	-	-	-	-	-
SE0012R	1.15	0.03	-	-		0.53	0.23	-	-	-	-	-	-	-
SE0014R	1.75	0.054	-	1.51	8.7	1.06	0.31	-	-	-	-	-	-	-
SI0008R	3.06	0.113	23.5	-		2.24	0.35	1.36	-	2.13	-	-	86	43
SK0002R	1.35	0.037	3.6	-		0.38	0.24	0.91	-	0.65	-	-	-	-
SK0004R	5.74	0.178	13.2	-		0.4	0.61	1.95	-	0.46	-	-	-	-
SK0006R	5.21	0.18	10.1	-		0.5	0.56	1.38	-	0.62	-	-	-	-
SK0007R	9.36	0.233	17.5	-		0.68	1.06	3.08	-	0.81	-	-	-	-

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

Data in parentheses are not included in the map figure (Fig 4-6)

Grey shades means reported data but data completeness less than 70%

Co, Mn, Fe and V from GB is reported as annual mean and not included in ebas nor in the appendixes

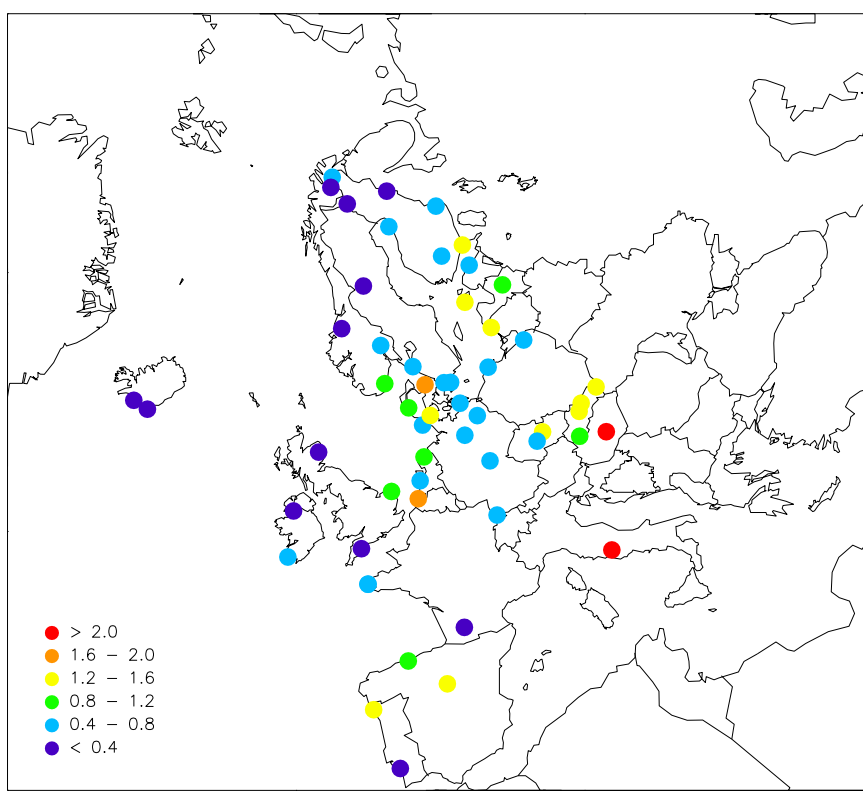


Figure 4: Lead in precipitation, 2009 ($\mu\text{g/l}$).

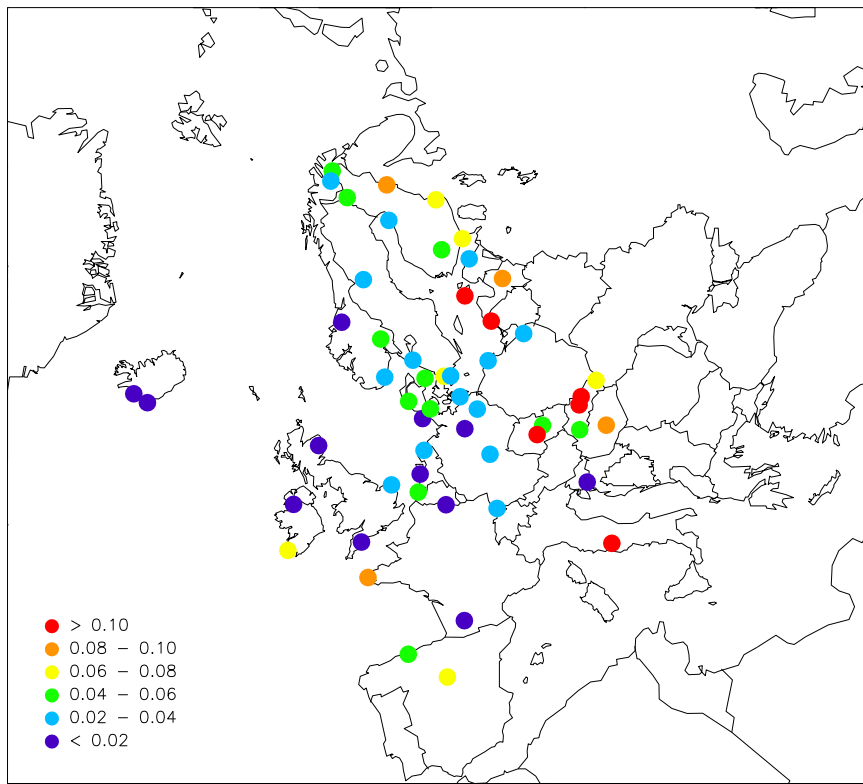


Figure 5: Cadmium in precipitation, 2009 ($\mu\text{g/l}$).

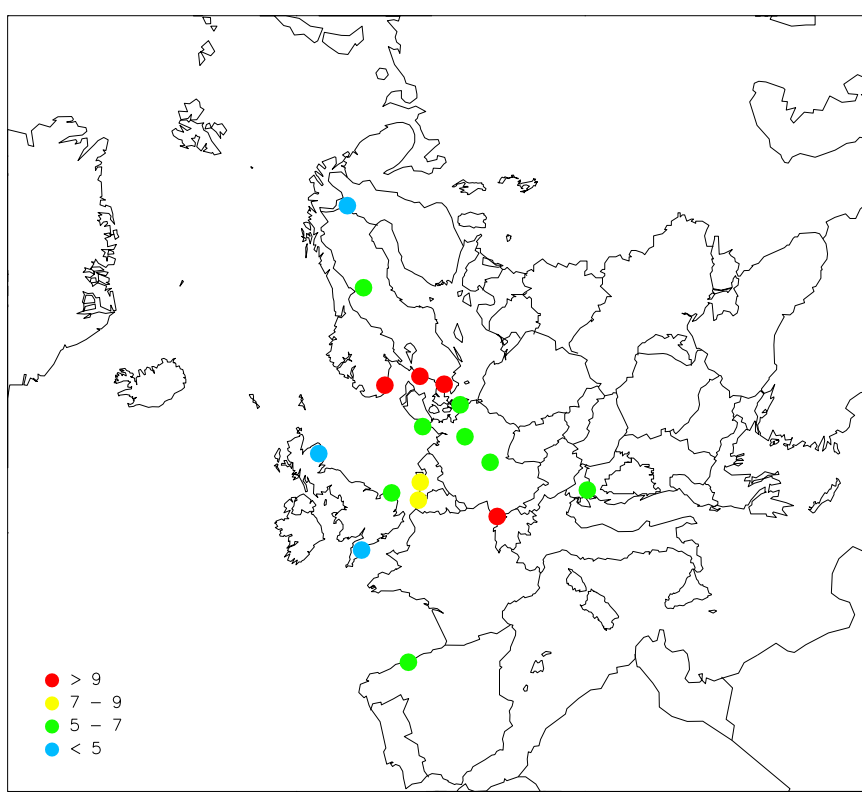


Figure 6: Mercury in precipitation, 2009(ng/l).

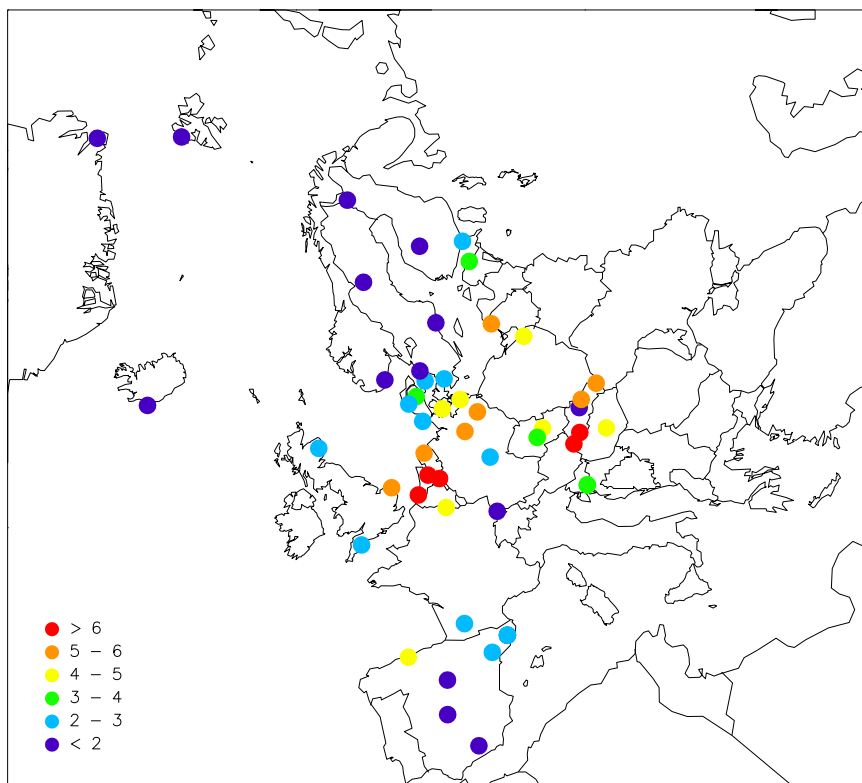


Figure 7: Lead in aerosols, 2009 (ng/m³).

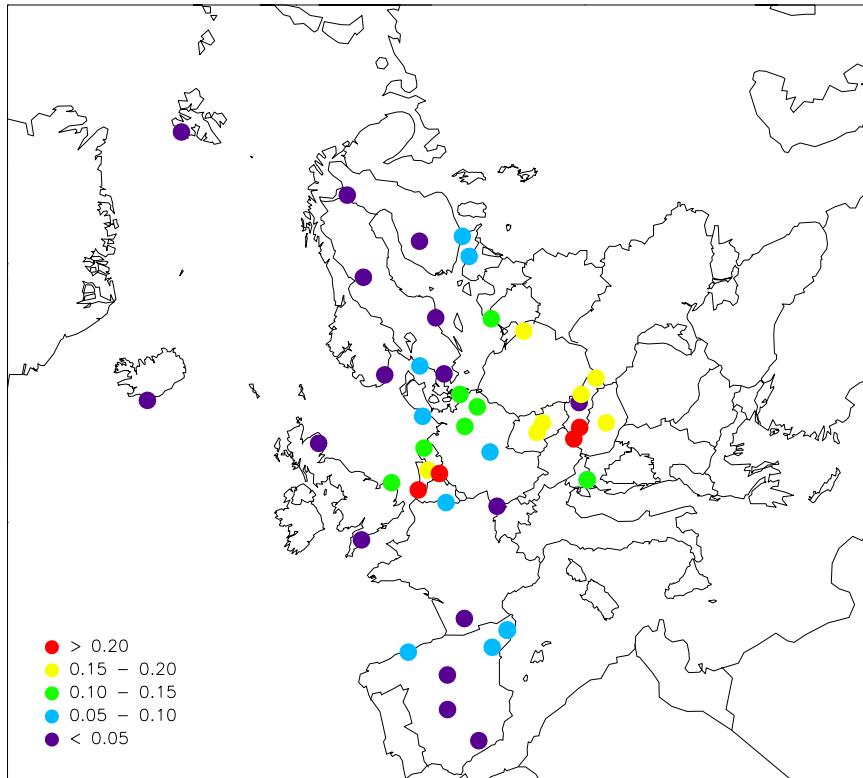


Figure 8: Cadmium in aerosols, 2009 (ng/m^3).

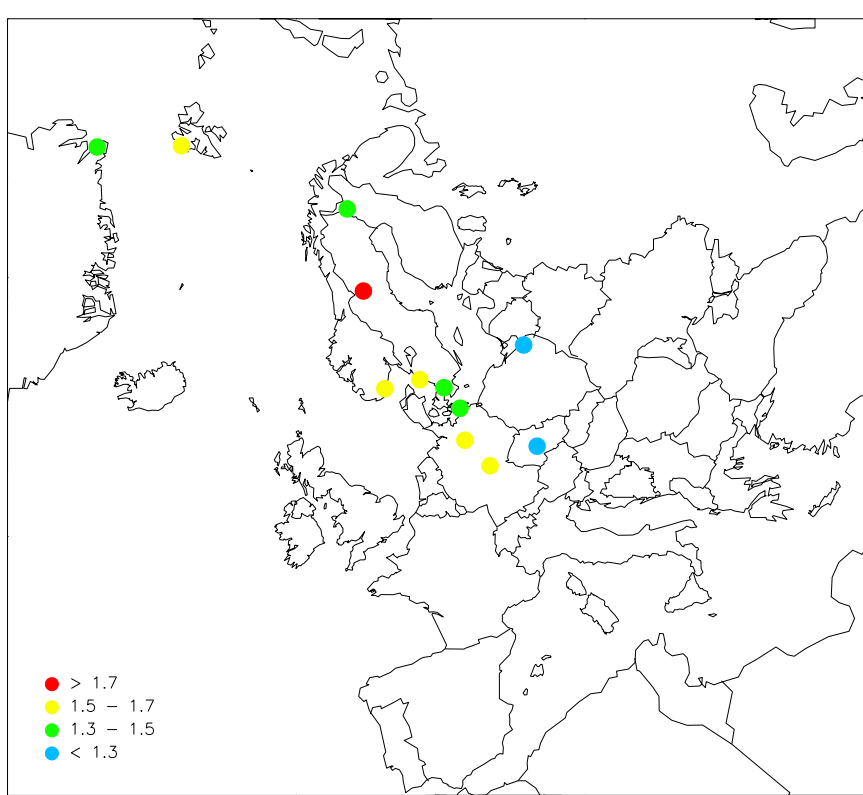


Figure 9: Mercury in air, 2009 (ng/m^3).

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, SE12, SE14, FI36 and SI08 have a precipitation sampler with 1 m² collection area which includes both wet deposition and some dry deposition on the exposed collector surface, and the results are given as deposition rates (ng/m² day). To compare the spatial pattern in Europe, air concentrations are used. High detection limit can also be a problem. Much of the data from Belgium are mainly below the detection limits and here one can only say something about the upper concentration limits. See Annex 3 and 4 for details.

Figure 10–Figure 21 show 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 concentrations in the Czech Republic are much higher than those observed in the Nordic countries for all the different POPs. For PCB this is explained by the high historical usage of these compounds in Central Europe (Breivik et al., 2002). It is also known that former Czechoslovakia was among the European countries where PCBs were produced in significant amounts until 1984 (Taniyasu et al., 2003). Large differences in atmospheric PCB levels across Europe were also noted by Jaward et al. (2004).

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

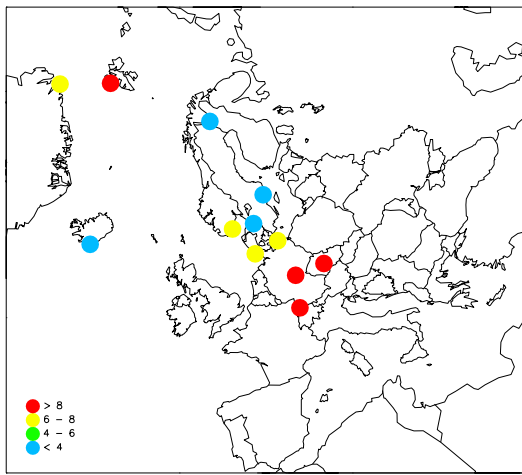


Figure 10: α -HCH in air, 2009 (pg/m^3).

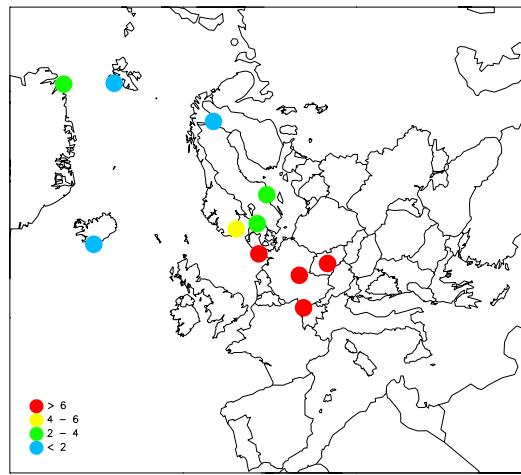


Figure 11: γ -HCH in air, 2009 (pg/m^3).

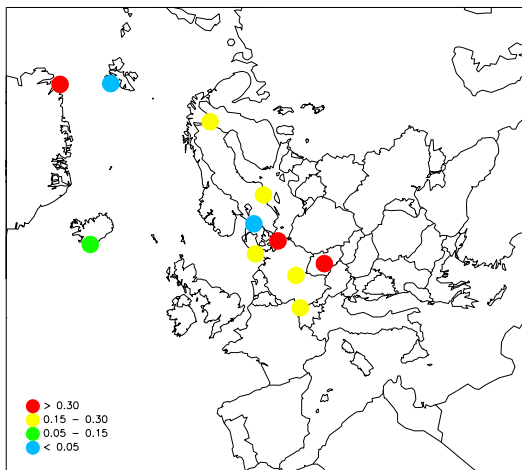


Figure 12: pp-DDD in air, 2009 (pg/m^3).

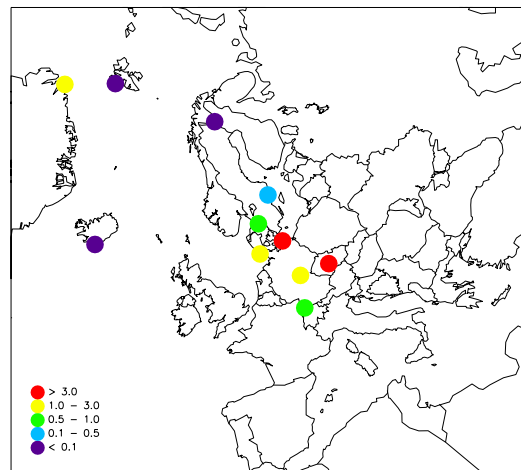


Figure 13: pp-DDT in air, 2009 (pg/m^3).

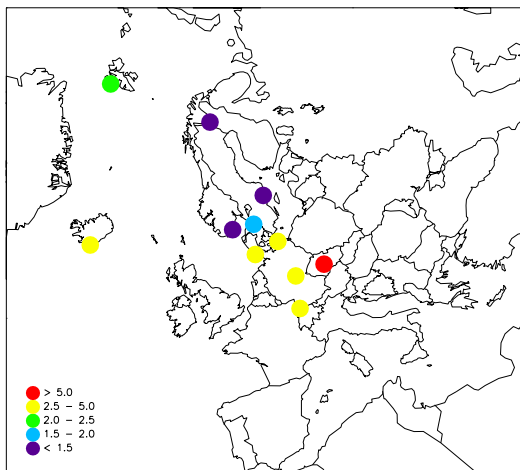


Figure 14: PCB-28 in air, 2009 (pg/m^3).

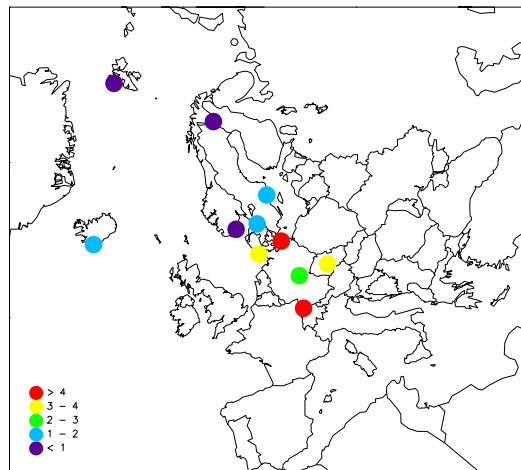


Figure 15: PCB-101 in air, 2009 (pg/m^3).

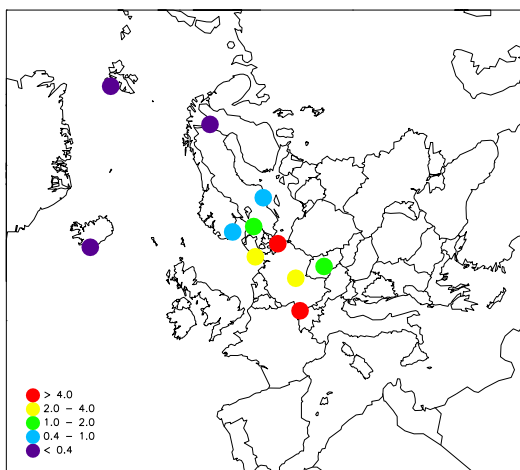


Figure 16: PCB-153 in air, 2009 (pg/m^3).

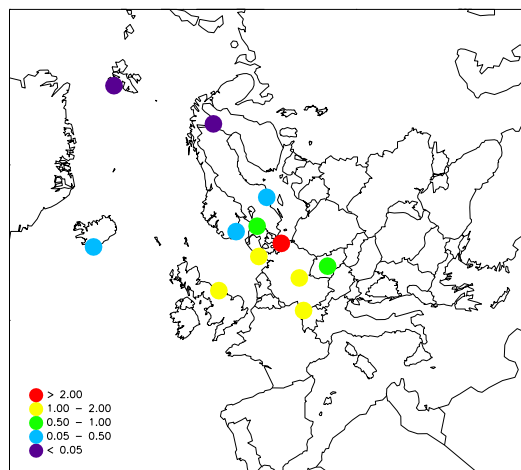


Figure 17: PCB-180 in air, 2009 (pg/m^3).

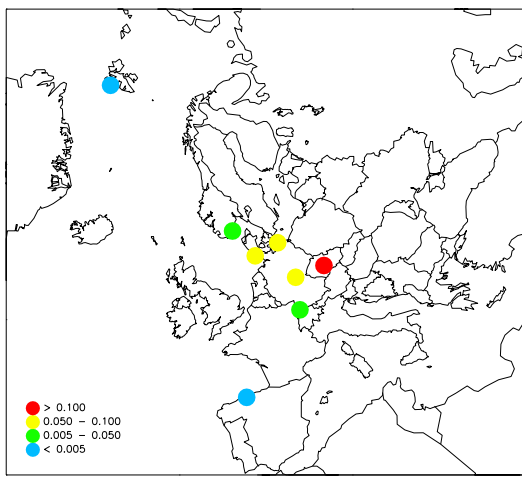


Figure 18: Anthracene in air, 2009 (ng/m^3).

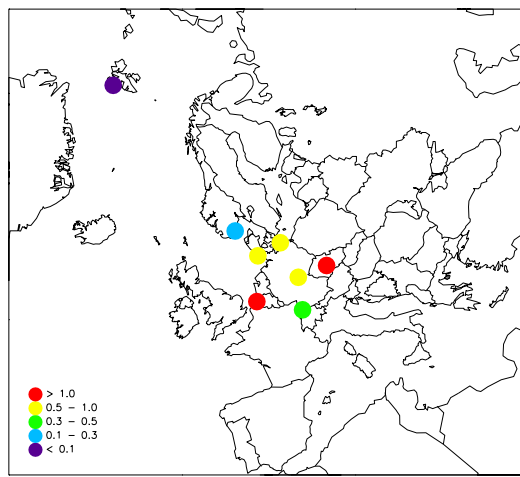


Figure 19: Fluoranthene in air, 2009 (ng/m^3).

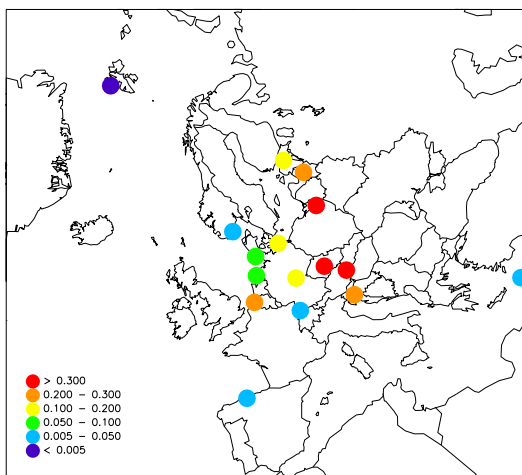


Figure 20: Benzo-a-pyrene (BaP) in air, 2009 (ng/m^3).

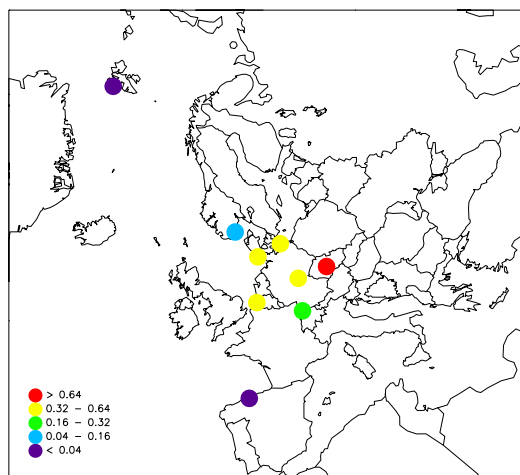


Figure 21: Pyrene in air, 2009 (ng/m^3).

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 given 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. 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:

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

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 \bar{c}_a is the arithmetic mean value used for air components only, and N is number of days with data:

$$\bar{c}_a = \frac{I}{N} \sum_i c_i$$

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

$$sd_a = \left(\frac{\sum_i (c_i - \bar{c}_a)^2}{N - 1} \right)^{\frac{1}{2}}$$

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

$$\overline{\ln c} = \frac{1}{N} \cdot \sum_i \ln c_i$$

$$\bar{c}_g = \exp(\overline{\ln c})$$

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 $\ln c$:

$$sd_g = \exp(\overline{\ln c})^{\left(\frac{sd_{\ln c}}{\overline{\ln c}} \right)}$$

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, computed for air data only using the method of nearest rank:

$$n = \frac{P}{100} \cdot N + \frac{1}{2}$$

is the P-th percentile $0 \leq P \leq 100$ of N ordered values, rounding n to the nearest integer and then taking the value corresponding to that rank.

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 28 July 2011. Scientific use of the EMEP data should be based on fresh copies of the data. Copies can be requested from the CCC (e-mail: wenche.aas@nilu.no or annehj@nilu.no). The newest updates will be downloadable from EMEP's homepage as well, <http://www.nilu.no/projects/ccc/emepdata.html> or from the database, <http://ebas.nilu.no>. Information about the EMEP measurement network can be found at CCC's internet pages at <http://www.nilu.no/projects/ccc/index.html>.

4. Conclusions and recommendations

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

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

5. Acknowledgements

A large number of anonymous co-workers in participating countries have been involved in this work. A list of participating institutes, which have provided data for 2009, 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	Elke Adriaenssens
Czech Republic	Czech Hydrometeorological Institute	Jaroslav Pekarek, Milan Vana
Cyprus	Department of Labour Inspection, Ministry of Labour & Social Insurance	Adamos Adamides, Savvas Kleanthous
Denmark	National Environmental Research Institute	Thomas Ellermann
Estonia	Estonian Environmental Research Centre	Kristi Selmet, Jelena Akimova
Finland	Finnish Meteorological Institute	Sirkka Leppanen, Ulla Makkonen
France	Université de Bretagne Ecole des Mines de Douai	Jean Yves Cabon Stéphane Sauvage
Germany	Umweltbundesamt, Langen	Elke Bieber
Hungary	Hungarian Meteorological Service	Krisztina Labancz, Zita Ferenczi
Iceland	The Icelandic Meteorological Office	Arni Sigurdsson
Ireland	Environmental Protection Agency (EPA)	Ciaran O'Donnell
Italy	CNR Institute for Atmospheric Pollution	Cinzia Perrino
Latvia	Latvian Environment, Geology and Meteorology Centre	Iveta Dubakova
Netherlands	National Institute for Public Health and Environmental Protection (RIVM)	Hans Berkhout
Norway	Norwegian Institute for Air Research (NILU)	Marit Vadset, Stein Manø
Poland	Institute of Meteorology and Water Management PL05: Institute of Environmental Protection	Barbara Obminska Anna Degorska
Portugal	Meteorological Institute, Ministerio da Ciencia, Tecnologia e Ensino Superior	Amelia Lopes
Slovakia	Slovakian Hydrometeorological Institute	Marta Mitosinkova
Slovenia	Environmental Agency of the Republic of Slovenia	Marijana Murovec
Spain	Dirección General de Calidad y Evaluación Ambiental, Ministry of Environment and Rural and Marine Affairs ES1778: Institute of Environmental Assessment and Water Research (ID/EA-CSIC)	Alberto González Ortiz Andrés Alastuey
Sweden	IVL Swedish Environmental Research Institute	Karin Sjöberg, Ingvar Wängberg
United Kingdom	AEA Technology and CEH	Keith Vincent Heath M. Malcolm

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Annex 1

Annual statistics for heavy metals in precipitation

BE0014R Koksijde

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.14	0.13	0.37	94.4	98.9	36	40
Cd	precip	0.04	0.03	0.36	27.2	98.9	26	40
Cr	precip	0.46	0.14	1.84	299.6	98.9	0	40
Cu	precip	13.02	2.42	67.78	8467.2	98.9	0	40
Fe	precip	20.67	5.15	235.92	13445.5	98.9	0	40
Hg	precip	8.14	1.86	39.19	4999.5	99.3	0	43
Mn	precip	3.24	0.94	28.38	2110.4	98.9	0	40
Ni	precip	0.78	0.18	22.18	507.3	98.9	0	40
Pb	precip	1.95	0.55	10.60	1270.2	98.9	0	40
Zn	precip	7.28	2.66	34.52	4736.9	98.9	0	40

CZ0001R Svratouch

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Cd	precip	0.05	0.01	0.46	39.3	99.0	9	47
Fe	precip	72.37	4.00	422.00	54781.1	99.0	1	47
Ni	precip	0.60	0.50	7.20	458.1	99.0	37	47
Pb	precip	1.45	0.25	17.10	1094.3	99.0	9	47
Zn	precip	29.61	4.50	285.00	22414.4	99.0	1	47

CZ0003R Košetice

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Cd	precip	0.20	0.01	1.53	136.7	98.6	5	46
Fe	precip	69.80	4.00	898.00	47987.0	98.6	3	46
Ni	precip	1.01	0.50	4.10	692.7	98.6	28	46
Pb	precip	0.77	0.25	6.40	526.5	98.6	21	46
Zn	precip	26.26	4.50	228.00	18057.0	98.6	4	46

DE0001R Westerland

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.07	0.02	0.27	55.4	99.8	0	46
Cd	precip	0.02	0.00	0.08	12.1	99.8	0	46
Co	precip	0.02	0.01	0.06	12.3	99.8	0	46
Cr	precip	0.10	0.02	0.35	77.6	99.8	0	46
Cu	precip	1.86	0.36	17.23	1390.8	99.4	0	45
Fe	precip	9.80	1.80	39.40	7321.7	99.8	0	46
Hg	precip	6.58	2.10	1000.00	4874.0	100.0	0	52
Mn	precip	1.35	0.33	6.75	1007.7	99.8	0	46
Ni	precip	0.24	0.10	0.78	176.4	99.8	0	46
Pb	precip	0.49	0.13	1.36	363.5	99.8	0	46
V	precip	0.33	0.10	0.77	247.9	99.8	0	46
Zn	precip	4.72	1.70	29.40	3529.3	99.8	0	46
Sb	precip	0.06	0.02	0.22	42.4	99.8	0	46
Tl	precip	0.00	0.00	0.02	2.3	99.8	0	46

DE0002R Langenbrügge

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.07	0.01	0.35	45.7	99.7	0	43
Cd	precip	0.02	0.01	0.09	12.1	99.7	0	43
Co	precip	0.02	0.00	0.10	11.2	99.7	0	43
Cr	precip	0.08	0.01	0.42	49.5	99.7	0	43
Cu	precip	0.85	0.21	3.01	543.0	99.7	0	43
Fe	precip	14.86	1.30	112.50	9487.4	99.7	0	43
Hg	precip	7.00	1.70	29.00	4574.7	100.0	0	46
Mn	precip	1.82	0.16	13.99	1162.1	99.7	0	43
Ni	precip	0.20	0.05	0.73	126.2	99.7	0	43
Pb	precip	0.57	0.18	2.34	364.0	99.7	0	43
V	precip	0.24	0.04	1.52	151.5	99.7	0	43
Zn	precip	3.44	1.40	9.50	2193.2	99.7	0	43
Sb	precip	0.07	0.03	0.23	43.3	99.7	0	43
Tl	precip	0.00	0.00	0.01	2.5	99.7	0	43

DE0003R Schauinsland

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.06	0.01	0.49	75.7	100.0	0	47
Cd	precip	0.02	0.00	0.19	27.5	100.0	0	47
Co	precip	0.03	0.00	0.30	35.6	100.0	0	47
Cr	precip	0.07	0.02	0.82	93.8	100.0	0	47
Cu	precip	0.72	0.16	12.13	955.5	100.0	0	47
Fe	precip	14.82	1.90	152.00	19561.0	100.0	0	47
Hg	precip	9.26	1.70	113.40	12802.7	100.0	0	48
Mn	precip	2.18	0.15	20.46	2876.5	100.0	0	47
Ni	precip	0.18	0.04	1.81	242.7	100.0	0	47
Pb	precip	0.55	0.11	5.75	728.0	100.0	0	47
V	precip	0.27	0.04	1.22	353.7	100.0	0	47
Zn	precip	3.57	1.00	30.10	4710.9	100.0	0	47
Sb	precip	0.07	0.02	0.59	86.5	100.0	0	47
Tl	precip	0.00	0.00	0.03	5.0	100.0	0	47

DE0007R Neuglobsow

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.09	0.03	0.44	50.3	99.7	0	41
Cd	precip	0.03	0.00	0.68	14.5	99.7	0	41
Co	precip	0.02	0.01	0.13	10.7	99.7	0	41
Cr	precip	0.10	0.05	0.36	55.3	99.7	0	41
Cu	precip	1.57	0.40	7.82	840.5	99.7	0	41
Fe	precip	13.01	2.50	81.10	6968.8	99.7	0	41
Mn	precip	2.17	0.40	22.50	1164.5	99.7	0	41
Ni	precip	0.40	0.10	2.00	212.9	99.7	0	41
Pb	precip	0.74	0.09	2.81	398.8	99.7	0	41
V	precip	0.22	0.08	0.73	115.6	99.7	0	41
Zn	precip	5.17	2.00	38.20	2767.8	99.7	0	41
Sb	precip	0.07	0.02	0.19	37.0	99.7	0	41
Tl	precip	0.00	0.00	0.02	2.3	99.7	0	41

DE0008R Schmücke

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.08	0.00	0.64	99.0	99.9	0	48
Cd	precip	0.03	0.00	0.19	32.8	99.9	0	48
Co	precip	0.02	0.00	0.09	25.3	99.9	0	48
Cr	precip	0.16	0.00	1.41	208.4	99.9	0	48
Cu	precip	1.28	0.00	9.44	1634.3	98.7	0	47
Fe	precip	11.81	0.00	60.40	15071.9	99.9	0	48
Hg	precip	5.89	2.30	29.70	7716.0	100.0	0	48
Mn	precip	1.39	0.00	6.61	1775.4	99.9	0	48
Ni	precip	0.41	0.00	3.21	529.0	98.7	0	47
Pb	precip	0.75	0.00	6.50	962.0	99.9	0	48
V	precip	0.21	0.00	0.76	272.2	99.9	0	48
Zn	precip	10.38	0.00	56.20	13248.3	99.9	0	48
Sb	precip	0.09	0.00	0.31	117.9	99.9	0	48
Tl	precip	0.01	0.00	0.04	6.8	99.9	0	48

DE0009R Zingst

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.07	0.02	0.21	38.0	99.0	0	43
Cd	precip	0.02	0.00	0.09	12.9	99.0	0	43
Co	precip	0.02	0.01	0.06	10.8	99.0	0	43
Cr	precip	0.09	-0.00	0.40	49.9	99.0	0	43
Fe	precip	11.09	2.50	47.00	6009.1	99.0	0	43
Mn	precip	2.26	0.40	10.17	1224.2	96.0	0	42
Ni	precip	0.47	0.15	1.57	253.6	99.0	0	43
Pb	precip	0.70	0.13	2.45	382.2	99.0	0	43
V	precip	0.39	0.04	1.09	211.4	99.0	0	43
Zn	precip	6.20	2.00	33.50	3359.3	99.0	0	43
Sb	precip	0.06	0.01	0.16	31.8	99.0	0	43
Tl	precip	0.00	0.00	0.01	2.2	99.0	0	43

DK0008R Anholt

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.39	0.14	0.85	233.3	100.0	0	12
Cd	precip	0.05	0.02	0.07	31.1	100.0	0	12
Cr	precip	0.39	0.17	1.39	232.7	100.0	0	12
Cu	precip	1.87	0.55	4.70	1120.9	100.0	0	12
Ni	precip	0.54	0.15	1.65	324.4	100.0	0	12
Pb	precip	1.83	0.73	3.30	1097.1	100.0	0	12
Zn	precip	16.28	7.50	28.80	9771.3	100.0	0	12

DK0022R Sepstrup Sande

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.23	0.10	0.33	164.8	100.0	0	12
Cd	precip	0.04	0.01	0.07	30.6	100.0	0	12
Cr	precip	0.19	0.10	0.38	135.2	100.0	0	12
Ni	precip	0.43	0.20	0.77	308.2	100.0	0	12
Pb	precip	1.54	0.41	2.33	1103.1	100.0	0	12
Zn	precip	9.25	4.65	12.25	6614.5	100.0	0	12

DK0031R Ulborg

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.20	0.10	0.32	168.4	100.0	0	12
Cd	precip	0.04	0.02	0.08	36.7	100.0	0	12
Cr	precip	0.19	0.07	0.51	153.8	100.0	0	12
Cu	precip	1.64	0.83	5.19	1353.4	100.0	0	12
Ni	precip	0.48	0.16	0.83	394.6	100.0	0	12
Pb	precip	0.82	0.39	1.69	676.9	100.0	0	12
Zn	precip	12.35	6.00	18.65	10170.6	100.0	0	12

EE0009R Lahemaa

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.50	0.50	0.50	343.9	100.0	12	12
Cd	precip	0.04	0.02	0.11	27.1	100.0	0	12
Cr	precip	0.50	0.50	0.50	343.9	100.0	12	12
Cu	precip	4.73	1.07	12.23	3255.9	100.0	0	12
Hg	precip	25.00	25.00	25.00	15900.0	100.0	11	11
Ni	precip	1.02	0.50	2.66	701.0	92.5	8	11
Pb	precip	0.57	0.50	2.00	392.1	100.0	10	12
Zn	precip	5.36	5.00	24.67	3688.4	100.0	10	12

EE0011R Vilsandi

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Cd	precip	0.15	0.01	0.44	103.8	99.7	1	11
Cu	precip	5.11	0.50	15.30	3597.9	99.7	7	11
Pb	precip	1.28	0.50	2.40	897.6	99.7	4	11
Zn	precip	5.65	5.00	16.00	3972.7	99.7	10	11

ES0001R San Pablo de los Montes

22 June 2009 - 16 August 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip+dry_dep	0.14	0.14	0.14	0.1	15.1	0	1
Cd	precip+dry_dep	0.11	0.11	0.11	0.1	15.1	0	1
Hg	precip+dry_dep	0.00	0.00	0.00	0.0	15.1	0	1
Ni	precip+dry_dep	0.53	0.53	0.53	0.5	15.1	0	1

ES0007R Viznar

24 August 2009 - 19 October 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip+dry_dep	0.10	0.10	0.10	0.1	15.3	0	1
Cd	precip+dry_dep	0.02	0.02	0.02	0.0	15.3	0	1
Hg	precip+dry_dep	0.01	0.01	0.01	0.0	15.3	0	1
Ni	precip+dry_dep	0.85	0.85	0.85	0.8	15.3	0	1

ES0008R Niembro

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.09	0.03	0.28	94.8	100.0	5	44
Cd	precip	0.06	0.02	0.49	57.5	100.0	18	44
Cr	precip	1.12	0.10	4.44	1156.7	100.0	1	44
Cu	precip	16.35	1.42	89.98	16813.6	100.0	0	44
Hg	precip	6.50	2.50	44.46	4787.3	99.5	15	38
Ni	precip	0.72	0.52	2.86	735.7	100.0	27	44
Pb	precip	0.89	0.05	5.67	909.6	100.0	1	44
Zn	precip	54.16	5.46	528.97	55676.7	100.0	0	44

20 April 2009 - 18 June 2009

As	precip+dry_dep	0.29	0.29	0.29	0.3	16.2	0	1
Cd	precip+dry_dep	0.08	0.08	0.08	0.1	16.2	0	1
Ni	precip+dry_dep	1.73	1.73	1.73	1.7	16.2	0	1

ES0009R Campisabalos

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.09	0.03	0.50	24.0	100.0	6	27
Cd	precip	0.08	0.02	0.74	19.3	100.0	6	27
Cr	precip	2.19	0.10	24.04	557.4	100.0	1	27
Cu	precip	14.69	1.26	85.07	3736.2	100.0	0	27
Ni	precip	18.58	0.52	318.10	4725.1	100.0	15	27
Pb	precip	1.29	0.16	8.91	327.3	100.0	0	27
Zn	precip	47.41	13.22	229.19	12057.8	100.0	0	27

ES0014R Els Torns

26 October 2009 - 20 December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip+dry_dep	0.08	0.08	0.08	0.1	15.1	0	1
Cd	precip+dry_dep	0.11	0.11	0.11	0.1	15.1	0	1

FI0008R Kevo

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Al	precip	6.19	1.62	15.27	1813.8	99.6	0	11
As	precip	0.18	0.01	0.38	51.5	99.6	0	11
Cd	precip	0.06	0.01	0.53	17.3	99.6	0	11
Co	precip	0.05	0.00	0.12	15.0	99.6	1	11
Cr	precip	0.26	0.10	0.47	75.8	99.6	0	11
Cu	precip	2.98	1.29	10.61	872.4	99.6	0	11
Fe	precip	18.35	3.92	34.73	5374.3	99.6	0	11
Mn	precip	1.31	0.16	4.69	384.9	99.6	0	11
Ni	precip	1.61	0.07	3.52	472.7	99.6	0	11
Pb	precip	0.43	0.13	0.91	125.7	99.6	0	11
V	precip	0.30	0.05	0.79	87.9	99.6	0	11
Zn	precip	1.72	1.09	6.77	503.6	99.6	0	11

FI0017R Virolahti II

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Al	precip	46.76	5.14	842.75	24217.0	98.1	0	11
As	precip	0.13	0.03	1.61	65.3	98.1	0	11
Cd	precip	0.07	0.03	0.36	37.3	98.1	0	11
Co	precip	0.03	0.01	0.47	16.4	98.1	0	11
Cr	precip	0.30	0.05	2.50	155.4	98.1	0	11
Cu	precip	2.26	1.16	9.20	1170.9	98.1	0	11
Fe	precip	97.97	6.88	1490.51	50740.4	98.1	0	11
Mn	precip	2.81	0.45	24.92	1457.3	98.1	0	11
Ni	precip	0.29	0.09	3.15	152.8	98.1	0	11
Pb	precip	1.35	0.52	9.57	697.2	98.1	0	11
V	precip	0.67	0.22	8.87	349.2	98.1	0	11
Zn	precip	5.38	2.58	40.30	2784.2	98.1	0	11

FI0022R Oulanka

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Al	precip	6.19	1.07	22.48	3423.8	100.0	0	12
As	precip	0.18	0.00	0.70	101.4	100.0	1	12
Cd	precip	0.09	0.01	0.54	47.2	100.0	0	12
Co	precip	0.01	0.00	0.04	6.1	100.0	1	12
Cr	precip	0.29	0.01	0.81	158.8	100.0	1	12
Cu	precip	1.79	0.47	5.91	989.6	100.0	0	12
Fe	precip	14.14	0.75	41.57	7822.3	100.0	1	12
Mn	precip	1.99	0.17	15.51	1101.4	100.0	0	12
Ni	precip	0.18	0.12	0.38	102.2	100.0	0	12
Pb	precip	0.38	0.10	0.79	211.8	100.0	0	12
V	precip	0.23	0.07	0.56	128.0	100.0	0	12
Zn	precip	2.86	0.98	8.31	1582.8	100.0	0	12

FI0036R Pallas (Matorova)

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Al	precip	5.05	1.03	47.08	1943.2	100.0	0	13
As	precip	0.06	0.00	0.24	21.2	100.0	1	12
Cd	precip	0.04	0.01	0.52	17.5	100.0	0	12
Co	precip	0.01	0.00	0.05	3.5	100.0	1	12
Cr	precip	0.21	0.01	0.38	80.1	100.0	1	12
Cu	precip	2.11	0.62	10.90	812.6	100.0	0	12
Fe	precip	10.16	0.75	44.35	3909.7	100.0	1	12
Hg	precip	4.89	1.50	10.80	1162.7	100.0	0	10
Mn	precip	1.96	0.07	8.61	755.3	100.0	0	12
Ni	precip	0.17	0.05	0.80	64.7	100.0	0	12
Pb	precip	0.37	0.17	2.66	142.2	100.0	0	12
V	precip	0.24	0.10	1.83	90.8	100.0	0	12
Zn	precip	3.27	0.85	16.17	1258.7	100.0	0	12

FI0053R Hailuoto II

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Al	precip	18.16	5.43	134.44	7550.4	100.0	0	12
As	precip	0.06	0.02	0.25	24.3	100.0	0	12
Cd	precip	0.04	0.01	0.11	14.9	100.0	0	12
Co	precip	0.05	0.02	0.50	19.9	100.0	0	12
Cr	precip	0.33	0.04	1.08	136.1	100.0	0	12
Cu	precip	2.14	1.02	11.48	889.4	100.0	0	12
Fe	precip	42.84	6.85	315.74	17816.0	100.0	0	12
Mn	precip	2.37	0.80	12.10	986.9	100.0	0	12
Ni	precip	0.22	0.08	1.00	92.6	100.0	0	12
Pb	precip	0.59	0.24	1.81	247.4	100.0	0	12
V	precip	0.52	0.18	2.23	217.7	100.0	0	12
Zn	precip	3.33	1.69	10.79	1384.5	100.0	0	12

FI0092R Hietajärvi

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Al	precip	10.57	2.58	76.83	5729.3	100.0	0	11
As	precip	0.06	0.02	0.25	30.3	100.0	0	11
Cd	precip	0.06	0.01	0.32	33.8	100.0	0	11
Co	precip	0.01	0.00	0.11	7.4	100.0	0	11
Cr	precip	0.29	0.03	1.22	157.8	100.0	0	11
Cu	precip	1.78	0.68	4.71	963.2	100.0	0	11
Fe	precip	22.68	2.19	101.39	12290.8	100.0	0	11
Mn	precip	1.83	0.13	8.66	994.7	100.0	0	11
Ni	precip	0.15	0.05	0.59	80.4	100.0	0	11
Pb	precip	0.64	0.33	1.77	345.3	100.0	0	11
V	precip	0.27	0.13	0.85	143.6	100.0	0	11
Zn	precip	2.64	1.23	9.44	1432.9	100.0	0	11

FI0093R Kotinen

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Al	precip	9.68	3.82	30.71	5120.6	100.0	0	12
As	precip	0.08	0.04	0.18	40.5	100.0	0	12
Cd	precip	0.05	0.02	0.15	26.7	100.0	0	12
Co	precip	0.02	0.00	0.04	10.8	100.0	1	12
Cr	precip	0.37	0.09	0.94	194.2	100.0	0	12
Cu	precip	1.50	0.45	3.30	795.5	100.0	0	12
Fe	precip	24.86	4.45	44.37	13157.2	100.0	0	12
Mn	precip	2.41	0.53	9.04	1277.4	100.0	0	12
Ni	precip	0.25	0.08	0.62	131.5	100.0	0	12
Pb	precip	0.67	0.25	1.65	353.7	100.0	0	12
V	precip	0.37	0.23	0.97	197.9	100.0	0	12
Zn	precip	2.92	2.07	5.73	1544.7	100.0	0	12

FR0009R Revin

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.07	0.01	0.22	76.5	100.0	5	25
Cd	precip	0.02	0.00	0.06	19.6	100.0	18	25
Cr	precip	0.15	0.07	0.76	154.7	100.0	12	25
Cu	precip	0.71	0.07	3.08	735.4	100.0	1	25
Ni	precip	0.30	0.07	1.12	314.1	100.0	4	25
Pb	precip	0.28	0.01	2.39	290.5	100.0	2	25
Zn	precip	3.71	0.30	9999.99	3840.0	100.0	0	26

FR0013R Peyrusse Vieille

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.06	0.00	0.33	40.0	100.0	7	25
Cd	precip	0.01	0.00	0.04	10.6	100.0	21	25
Cr	precip	0.10	0.00	4.36	73.6	100.0	17	25
Cu	precip	1.00	0.00	20.14	709.5	100.0	2	25
Ni	precip	0.35	0.00	8.63	249.0	100.0	8	25
Pb	precip	0.23	0.00	4.39	165.4	100.0	5	25
Zn	precip	5.29	0.00	109.10	3731.8	100.0	0	25

FR0090R Porspoder

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.08	0.01	0.18	112.0	100.0	0	12
Cd	precip	0.08	0.01	0.39	112.3	100.0	0	12
Cr	precip	0.12	0.07	0.25	166.7	100.0	0	12
Cu	precip	0.65	0.35	2.10	863.8	100.0	0	12
Ni	precip	0.50	0.27	1.51	672.8	100.0	0	12
Pb	precip	0.56	0.19	2.89	744.4	100.0	0	12
Zn	precip	2.62	0.74	6.68	3503.3	100.0	0	12

GB0006R Lough Navar

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.19	0.09	0.37	342.7	96.6	0	11
Cd	precip	0.00	0.00	0.01	7.3	96.6	5	11
Cr	precip	0.04	0.01	0.13	68.5	96.6	7	11
Cu	precip	0.16	0.09	0.25	282.4	96.6	0	11
Ni	precip	0.06	0.01	0.20	108.7	96.6	0	11
Pb	precip	0.13	0.01	0.22	229.2	96.6	3	11
Zn	precip	1.03	0.25	4.15	1871.2	96.6	7	11

GB0013R Yarner Wood

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.07	0.03	0.39	94.8	93.8	0	37
Cd	precip	0.01	0.00	0.12	6.8	93.8	8	37
Cr	precip	0.07	0.01	0.29	92.1	93.8	8	37
Cu	precip	0.26	0.06	2.35	331.7	93.8	0	37
Hg	precip	3.44	1.75	11.55	3105.6	100.0	0	13
Ni	precip	0.20	0.06	0.81	259.7	93.8	0	37
Pb	precip	0.21	0.01	2.47	278.4	93.8	2	37
Zn	precip	1.02	0.25	13.80	1318.6	93.8	15	37

GB0017R Heigham Holmes

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.12	0.06	0.40	60.2	94.6	0	13
Cd	precip	0.02	0.01	0.07	10.4	94.6	0	13
Cr	precip	0.11	0.02	0.44	56.1	94.6	0	13
Cu	precip	0.87	0.28	3.63	434.5	94.6	0	13
Hg	precip	5.45	3.35	15.00	2651.1	100.0	0	12
Ni	precip	0.34	0.13	0.83	171.4	94.6	0	13
Pb	precip	0.97	0.29	3.98	485.0	94.6	0	13
Zn	precip	6.41	2.11	24.70	3211.1	94.6	0	13

GB0091R Banchory

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.11	0.01	0.30	102.3	82.3	0	29
Cd	precip	0.01	0.00	0.03	7.5	82.3	8	29
Cr	precip	0.07	0.01	0.19	66.3	82.3	5	29
Cu	precip	0.25	0.07	0.87	233.5	82.3	0	29
Hg	precip	4.21	2.40	8.95	3274.0	100.0	0	11
Ni	precip	0.12	0.02	1.25	109.7	82.3	0	29
Pb	precip	0.39	0.01	1.10	358.1	82.3	1	29
Zn	precip	1.62	0.25	7.46	1489.2	82.3	6	29

HU0002R K-pusztá

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Cd	precip	0.08	0.01	0.63	39.4	100.0	1	12
Pb	precip	2.21	0.46	11.00	1036.5	100.0	0	12

IE0001R Valentia Observatory

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Al	precip	25.00	25.00	25.00	54205.7	100.0	13	13
As	precip	0.50	0.50	0.50	1084.1	100.0	13	13
Cd	precip	0.07	0.05	0.30	150.9	100.0	12	13
Cr	precip	0.50	0.50	0.50	1084.1	100.0	13	13
Cu	precip	3.07	0.50	10.00	6664.1	100.0	3	13
Hg	precip	63.24	50.00	400.00	137111.5	100.0	12	13
Mn	precip	1.73	0.50	5.00	3747.1	100.0	6	13
Ni	precip	0.50	0.50	0.50	1084.1	100.0	13	13
Pb	precip	0.50	0.50	0.50	1084.1	100.0	13	13
V	precip	0.50	0.50	0.50	1084.1	100.0	13	13
Zn	precip	22.89	4.00	36.00	49632.0	100.0	0	13

IS0090R Reykjavik

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Al	precip	241.88	5.00	1667.00	176864.2	99.1	1	40
As	precip	0.15	0.03	0.69	108.7	99.1	8	40
Cd	precip	0.01	0.00	0.07	6.8	99.1	23	40
Cr	precip	0.37	0.05	1.94	272.3	99.1	7	40
Cu	precip	2.86	0.29	13.88	2090.0	99.1	0	40
Fe	precip	242.74	5.00	1363.00	177488.8	99.1	1	40
Mn	precip	4.68	0.34	23.40	3420.9	99.1	0	40
Ni	precip	0.87	0.05	20.66	636.4	99.1	0	40
Pb	precip	0.25	0.01	1.21	181.1	99.1	1	40
V	precip	1.52	0.11	6.42	1110.2	99.1	0	40
Zn	precip	8.88	1.57	49.16	6489.6	99.1	0	40

IS0091R Storchofdi

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Al	precip	68.36	0.06	2332.40	113587.3	86.4	2	41
As	precip	0.04	0.00	0.15	71.5	86.4	10	41
Cd	precip	0.01	0.00	0.04	14.7	86.4	2	41
Cr	precip	0.10	0.02	1.69	166.4	86.4	0	41
Cu	precip	0.81	0.14	6.55	1346.6	86.4	0	41
Fe	precip	84.11	0.11	2982.40	139740.9	86.4	0	41
Mn	precip	1.93	0.14	62.33	3198.8	86.4	0	41
Ni	precip	0.18	0.00	1.92	303.6	86.4	11	41
Pb	precip	0.18	0.00	0.52	295.5	86.4	9	41
V	precip	0.49	0.01	11.16	807.1	86.4	0	41
Zn	precip	6.16	1.63	25.92	10232.0	86.4	0	41

IT0001R Montelibretti

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Cd	precip	1.95	0.20	12.10	1795.6	100.0	0	37
Cu	precip	17.12	5.30	57.20	15750.4	100.0	0	37
Pb	precip	3.19	0.20	24.80	2931.8	100.0	0	37
Zn	precip	18.65	0.60	66.80	17157.4	100.0	0	37

LV0010R Rucava

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.23	0.10	0.80	164.8	99.0	42	44
Cd	precip	0.12	0.03	0.65	82.6	94.9	28	40
Cr	precip	0.78	0.20	8.79	555.3	99.0	39	44
Cu	precip	1.61	0.40	10.10	1149.7	96.2	28	41
Hg	precip	0.03	0.03	0.07	22.2	96.0	42	42
Mn	precip	3.39	0.50	27.90	2427.0	98.5	25	42
Ni	precip	0.90	0.40	4.32	645.0	88.5	36	41
Pb	precip	1.35	0.30	11.30	967.3	93.1	25	40
Zn	precip	23.43	4.00	108.72	16772.2	99.0	25	44

LV0016R Zoseni

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.17	0.10	1.12	138.4	99.5	44	46
Cd	precip	0.08	0.03	0.46	66.5	93.0	39	44
Cr	precip	0.37	0.20	1.50	295.9	95.2	38	42
Cu	precip	1.77	0.40	12.00	1404.4	99.5	33	46
Hg	precip	0.03	0.03	0.06	24.3	96.1	37	38
Mn	precip	3.38	0.50	31.47	2680.1	98.4	27	42
Ni	precip	0.92	0.40	5.70	727.7	94.5	39	44
Pb	precip	1.05	0.30	7.10	831.5	85.0	31	38
Zn	precip	18.38	4.00	107.16	14577.8	99.1	32	44

NL0009R Kollumerwaard

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.12	0.07	0.72	86.1	92.0	27	46
Cd	precip	0.03	0.02	0.17	21.2	100.0	31	47
Cr	precip	0.37	0.26	1.40	272.7	100.0	41	46
Cu	precip	0.88	0.19	4.10	642.1	99.9	1	45
Ni	precip	0.29	0.20	1.00	212.5	100.0	37	46
Pb	precip	0.87	0.20	4.60	630.5	95.6	17	46
Zn	precip	5.24	1.95	33.80	3819.2	100.0	20	47

NL0091R De Zilk

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.10	0.07	0.51	68.6	99.8	33	46
Cd	precip	0.02	0.02	0.18	14.6	99.8	34	46
Cr	precip	0.27	0.26	1.20	192.6	100.0	42	47
Cu	precip	1.17	0.19	9.60	838.5	100.0	1	47
Hg	precip	8.84	3.20	69.60	6072.9	100.0	0	49
Ni	precip	0.24	0.20	1.40	174.0	100.0	39	47
Pb	precip	0.70	0.20	6.30	504.4	100.0	9	47
Zn	precip	3.88	1.95	47.50	2789.5	100.0	15	47

NO0001R Birkenes

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.18	0.05	1.36	326.3	99.9	14	46
Cd	precip	0.04	0.00	0.25	71.1	99.9	42	46
Co	precip	0.01	0.01	0.16	26.8	99.9	45	46
Cr	precip	0.12	0.10	3.75	211.5	99.9	44	46
Cu	precip	0.46	0.13	8.45	818.3	99.9	29	46
Hg	precip	9.44	3.40	27.60	17051.0	100.0	0	22
Ni	precip	0.19	0.10	6.50	342.8	99.9	39	46
Pb	precip	0.92	0.18	11.28	1650.5	99.9	0	46
V	precip	0.74	0.28	5.13	1340.6	99.9	18	46
Zn	precip	3.93	0.46	36.81	7066.6	99.9	1	46

NO0039R Kårvatn

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Cd	precip	0.01	0.00	0.09	13.2	100.0	46	46
Pb	precip	0.09	0.03	0.53	123.4	100.0	23	46
Zn	precip	1.31	0.05	31.41	1795.7	100.0	12	46

NO0055R Karasjok

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Cd	precip	0.02	0.00	0.11	6.9	98.6	24	25
Pb	precip	0.28	0.01	1.62	81.3	98.6	5	25
Zn	precip	4.67	0.97	46.39	1333.6	98.6	0	25

NO0056R Hurdal

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Cd	precip	0.04	0.01	0.55	42.3	99.4	41	45
Pb	precip	0.79	0.17	12.75	778.0	99.4	0	45
Zn	precip	7.38	1.37	43.80	7310.9	99.4	0	45

PL0004R Leba

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Cd	precip	0.04	0.02	0.21	25.9	100.0	0	12
Cr	precip	0.08	0.02	0.32	56.0	100.0	0	12
Cu	precip	0.82	0.47	5.19	561.5	100.0	0	12
Ni	precip	0.18	0.10	0.92	120.1	100.0	0	12
Pb	precip	0.56	0.36	1.17	380.8	100.0	0	12
Zn	precip	6.38	3.05	15.76	4348.6	87.7	0	11

PL0005R Diabla Gora

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.22	0.05	0.72	132.6	100.0	0	43
Cd	precip	0.04	0.00	0.31	22.4	100.0	0	43
Cr	precip	0.09	0.04	0.34	54.0	100.0	0	43
Cu	precip	1.85	0.12	20.00	1110.1	100.0	0	43
Ni	precip	0.30	0.02	1.00	179.7	100.0	0	43
Pb	precip	0.65	0.23	3.90	392.2	100.0	0	43
Zn	precip	3.63	0.30	18.10	2182.4	100.0	0	43

PT0001R Braganca

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Cd	precip	0.49	0.42	0.75	335.9	46.6	28	28
Cu	precip	9.19	0.33	248.37	6240.3	46.6	10	28
Mn	precip	4.67	1.07	39.71	3170.7	46.6	19	28
Ni	precip	1.75	0.78	12.67	1185.9	46.6	25	28
Pb	precip	2.30	0.65	24.58	1561.3	46.6	23	28
Zn	precip	44.61	1.00	610.00	30288.5	46.6	19	28

PT0002R Faro

16 june 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.10	0.10	0.55	3.5	100.0	6	7
Cd	precip	0.10	0.10	0.10	3.5	100.0	7	7
Cr	precip	0.23	0.10	40.00	8.1	100.0	5	7
Cu	precip	2.99	0.50	8.60	104.3	100.0	3	7
Hg	precip	30.00	30.00	30.00	1045.6	99.7	6	6
Ni	precip	0.13	0.10	2.60	4.5	100.0	5	7
Pb	precip	0.34	0.10	1.90	11.9	100.0	2	7
Zn	precip	5.77	0.50	28.00	201.1	100.0	1	7

PT0003R Viana do Castelo

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Cd	precip	0.56	0.42	0.75	882.7	80.5	77	77
Cu	precip	1.51	0.33	13.02	2385.0	80.5	66	77
Mn	precip	3.08	1.07	16.79	4870.7	80.5	68	77
Ni	precip	1.27	0.78	2.00	2017.9	80.5	77	77
Pb	precip	1.34	0.65	12.64	2125.0	80.0	65	76
Zn	precip	4.04	1.00	30.00	6392.5	80.5	71	77

PT0004R Monte Velho

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.10	0.10	0.10	41.6	100.0	11	11
Cd	precip	0.10	0.10	0.10	41.6	100.0	11	11
Cd	precip	0.53	0.42	0.75	307.4	93.4	34	34
Cr	precip	0.19	0.10	1.80	78.9	100.0	9	11
Cu	precip	0.56	0.10	2.70	235.4	100.0	7	11
Cu	precip	1.35	0.33	6.38	790.6	93.4	26	34
Hg	precip	30.00	30.00	30.00	12492.6	100.0	11	11
Mn	precip	2.48	1.07	9.35	1448.8	93.4	30	34
Ni	precip	0.25	0.10	2.10	102.8	100.0	8	11
Ni	precip	1.45	0.78	9.60	849.2	93.4	31	34
Pb	precip	0.19	0.10	1.20	80.7	100.0	7	11
Pb	precip	0.81	0.65	7.42	473.6	87.6	32	33
Zn	precip	4.32	0.50	11.00	1799.1	100.0	0	11
Zn	precip	8.93	1.00	110.00	5216.2	93.4	28	34

PT0010R Angra do Heroismo

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Cd	precip	0.48	0.42	0.75	557.0	68.7	31	31
Cu	precip	1.48	0.33	11.00	1726.2	68.7	25	31
Mn	precip	3.21	1.07	14.77	3743.9	68.7	26	31
Ni	precip	1.17	0.78	5.10	1360.6	68.7	30	31
Pb	precip	1.81	0.65	17.09	2105.8	68.7	29	31
Zn	precip	61.54	1.00	710.00	71747.4	68.7	29	31

SE0005R Bredkälén

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.07	0.05	0.18	35.2	100.0	0	12
Cd	precip	0.03	0.01	0.09	14.9	100.0	0	12
Co	precip	0.01	0.00	0.04	5.0	100.0	0	12
Cr	precip	0.11	0.05	0.51	57.5	100.0	0	12
Cu	precip	0.31	0.04	1.01	154.7	100.0	0	12
Hg	precip	6.46	3.50	23.90	2661.9	100.0	0	11
Mn	precip	4.07	0.00	33.20	2054.5	100.0	0	12
Ni	precip	0.14	0.03	0.60	69.6	100.0	0	12
Pb	precip	0.28	0.13	0.78	143.6	100.0	0	12
V	precip	0.12	0.03	0.38	61.5	100.0	0	12
Zn	precip	4.09	1.18	17.72	2066.9	100.0	0	12

SE0011R Vavihill

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.19	0.11	0.36	124.7	100.0	0	12
Cd	precip	0.07	0.02	0.15	46.6	100.0	0	12
Co	precip	0.03	0.01	0.11	20.9	100.0	0	12
Cu	precip	1.27	0.39	7.47	834.1	100.0	0	12
Hg	precip	9.95	6.30	24.60	6022.3	100.0	0	11
Mn	precip	5.98	1.10	17.70	3920.0	100.0	0	12
Ni	precip	0.32	0.16	2.17	209.3	100.0	0	12
Pb	precip	0.70	0.22	1.97	456.7	100.0	0	12
V	precip	0.61	0.17	1.00	399.4	100.0	0	12
Zn	precip	8.68	3.32	37.68	5692.1	100.0	0	12

SE0014R Råö

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Hg	precip	13.68	6.40	36.60	6262.4	100.0	0	12

SE0051R Arup

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.16	0.09	0.39	96.5	100.0	0	12
Cd	precip	0.04	0.01	0.09	22.3	100.0	0	12
Co	precip	0.03	0.02	0.07	17.7	100.0	0	12
Cr	precip	0.12	0.05	0.35	73.0	100.0	0	12
Cu	precip	0.60	0.36	1.95	355.1	100.0	0	12
Mn	precip	6.23	2.20	28.80	3679.5	100.0	0	12
Ni	precip	0.23	0.09	0.50	133.3	100.0	0	12
Pb	precip	0.63	0.26	1.47	371.3	100.0	0	12
V	precip	0.65	0.48	0.87	381.4	100.0	0	12
Zn	precip	6.28	3.90	12.10	3712.5	100.0	0	12

SE0097R Gårdsjön

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.12	0.03	0.19	89.8	99.7	0	10
Cd	precip	0.03	0.01	0.08	25.0	99.7	0	10
Co	precip	0.01	0.01	0.04	11.7	99.7	0	10
Cr	precip	0.11	0.05	0.45	87.6	99.7	0	10
Cu	precip	2.26	0.14	12.20	1758.3	99.7	0	10
Mn	precip	4.30	0.40	18.90	3346.4	99.7	0	10
Ni	precip	0.18	0.10	0.95	143.4	99.7	0	10
Pb	precip	0.41	0.17	1.37	318.5	99.7	0	10
V	precip	0.62	0.30	1.00	483.9	99.7	0	10
Zn	precip	4.81	1.70	13.20	3740.4	99.7	0	10

SI0008R Iskrba

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.03	0.01	1.52	43.1	100.0	28	49
Cd	precip	0.02	0.01	0.26	24.1	100.0	26	49
Cr	precip	0.16	0.15	0.96	212.1	100.0	38	49
Cu	precip	0.55	0.15	5.84	712.3	100.0	10	49
Hg	precip	5.63	1.96	15.10	7265.1	100.0	0	25
Ni	precip	0.25	0.15	6.59	322.6	100.0	25	49
Pb	precip	0.52	0.10	3.77	667.2	100.0	0	49
Zn	precip	2.19	0.50	21.57	2831.1	100.0	6	49

SK0002R Chopok

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.18	0.06	1.19	226.8	100.0	0	12
Cd	precip	0.19	0.04	1.30	236.0	100.0	0	12
Cr	precip	0.45	0.11	4.50	565.7	100.0	0	12
Cu	precip	0.93	0.42	6.40	1169.6	100.0	0	12
Ni	precip	0.64	0.47	2.00	809.9	100.0	0	12
Pb	precip	1.51	0.94	12.30	1900.0	100.0	0	12
Zn	precip	16.12	4.03	84.19	20281.8	100.0	0	12

SK0004R Stará Lesná

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.12	0.02	0.82	98.1	100.0	0	12
Cd	precip	0.19	0.03	1.65	155.8	100.0	0	12
Cr	precip	0.14	0.03	1.03	117.4	100.0	0	12
Cu	precip	2.98	0.64	26.25	2467.9	100.0	0	12
Ni	precip	0.92	0.05	10.45	760.9	100.0	0	12
Pb	precip	1.28	0.36	7.58	1060.7	100.0	0	12
Zn	precip	12.55	1.16	59.51	10381.7	100.0	0	12

SK0006R Starina

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.16	0.10	0.43	118.3	100.0	0	12
Cd	precip	0.07	0.02	0.22	50.6	100.0	0	12
Cr	precip	0.11	0.06	0.45	81.8	100.0	0	12
Cu	precip	1.47	0.64	3.37	1097.5	100.0	0	12
Ni	precip	0.91	0.05	5.64	680.2	100.0	0	12
Pb	precip	1.36	0.57	4.24	1013.2	100.0	0	12
Zn	precip	9.06	5.13	17.15	6752.1	100.0	0	12

SK0007R Topolniky

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.17	0.01	1.40	104.3	100.0	0	12
Cd	precip	0.06	0.02	0.49	33.7	100.0	0	12
Cr	precip	0.15	0.06	3.30	92.4	100.0	0	12
Cu	precip	1.06	0.44	20.37	635.6	100.0	0	12
Ni	precip	0.62	0.06	6.74	371.1	100.0	0	12
Pb	precip	1.00	0.49	14.62	599.8	100.0	0	12
Zn	precip	7.30	1.21	100.73	4381.0	100.0	0	12

Annex 2

Annual statistics for heavy metals in air

AT0002R Illmitz

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.67	0.70	0.45	2.63	0.02	0.08	0.50	2.17	3.70	15.9	51	58
Cd	pm10	0.21	0.18	0.14	2.47	0.02	0.03	0.14	0.63	0.89	15.9	38	58
Ni	pm10	0.87	0.84	0.66	2.11	0.11	0.12	0.60	3.01	5.30	15.9	55	58
Pb	pm10	6.21	4.81	4.71	2.19	0.39	1.40	4.65	19.10	21.00	15.9	10	58

BE0014R Koksijde

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	1.28	0.17	1.27	1.09	1.24	1.24	1.24	1.36	3.30	91.8	332	335
Cd	aerosol	0.31	0.17	0.29	1.36	0.26	0.26	0.26	0.70	1.49	91.8	309	335
Cr	aerosol	3.68	3.26	3.10	1.69	0.34	1.52	2.83	8.19	39.03	91.8	1	335
Cu	aerosol	8.23	12.87	5.66	2.17	0.75	1.81	5.27	21.64	192.66	91.8	0	335
Mn	aerosol	8.73	7.67	6.77	2.06	0.53	2.00	7.22	20.66	73.58	91.8	3	335
Ni	aerosol	6.24	5.50	4.31	2.58	0.30	0.33	4.46	16.62	42.12	91.8	17	335
Pb	aerosol	8.62	8.09	6.35	2.19	0.29	1.74	6.16	22.98	81.54	91.8	1	335
Zn	aerosol	22.35	18.96	17.33	2.00	2.39	5.97	16.86	57.32	151.65	91.8	0	335

CY0002R Ayia Marina

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
Al	aerosol	1251	969.6	69.1	3.44	1.53	68.5	843	4165	21045	54.5	0	199
As	aerosol	0.19	0.00	0.19	1.00	0.19	0.19	0.19	0.19	0.19	69.9	0	255
Cd	aerosol	0.15	0.17	0.08	4.30	0.00	0.00	0.12	0.44	1.46	69.9	0	255
Cr	aerosol	1.89	10.00	0.50	4.38	0.01	0.09	0.52	5.38	155.99	69.9	0	255
Cu	aerosol	2.12	2.60	0.92	4.24	0.16	0.16	1.42	7.94	16.15	69.9	0	255
Fe	aerosol	589	207	300	3.37	0.46	45.2	328.	2017	13056	63.3	0	231
Hg	aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	0.05	0.05	69.9	0	255
Mn	aerosol	10.56	19.53	4.94	4.46	0.10	0.10	7.01	26.98	221.69	69.9	0	255
Ni	aerosol	2.04	2.73	0.92	4.22	0.01	0.07	1.15	7.62	21.72	68.2	0	249
Pb	aerosol	6.11	7.79	4.80	2.13	0.00	0.00	4.00	18.00	60.00	69.9	0	255
V	aerosol	3.13	3.62	1.71	4.00	0.04	0.04	2.11	9.80	31.20	69.9	0	255
Zn	aerosol	39.88	84.00	12.89	3.54	1.24	6.45	6.45	222.55	560.22	69.9	0	255

CZ0001R Svratouch

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.52	0.61	0.35	2.33	0.03	0.09	0.34	1.49	5.00	34.2	1	125
Cd	pm10	0.15	0.14	0.11	2.33	0.01	0.03	0.10	0.45	0.74	34.2	0	125
Cu	pm10	2.25	3.10	1.22	4.12	0.04	0.04	1.88	4.77	30.40	34.0	13	124
Mn	pm10	2.70	2.47	1.85	2.49	0.20	0.32	1.92	8.34	12.60	34.2	0	125
Ni	pm10	0.31	0.35	0.18	2.78	0.06	0.06	0.19	0.94	2.21	34.0	43	124
Pb	pm10	4.28	3.44	3.28	2.07	0.75	1.13	3.23	11.05	22.10	34.0	0	124

CZ0003R Kosetice

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.72	0.77	0.47	2.58	0.03	0.08	0.49	2.32	5.27	53.9	4	197
As	pm10	0.72	0.77	0.47	2.58	0.03	0.08	0.49	2.32	5.27	53.9	4	197
As	pm25	0.63	0.66	0.41	2.61	0.03	0.08	0.42	1.96	4.56	53.4	5	195
Cd	pm10	0.17	0.15	0.12	2.29	0.02	0.03	0.12	0.50	0.83	53.9	1	197
Cd	pm25	0.15	0.13	0.11	2.31	0.01	0.03	0.11	0.41	0.69	53.4	1	195
Cu	pm10	2.11	2.38	1.18	3.75	0.04	0.04	1.49	5.44	18.40	53.9	17	197
Cu	pm25	1.07	1.14	0.55	4.13	0.04	0.04	0.83	3.01	8.87	53.4	33	195
Hg	air	0.68	0.94	0.29	4.07	0.03	0.03	0.32	3.55	3.64	79.4	0	42
Hg	pm10	0.01	0.01	0.01	1.62	0.01	0.01	0.01	0.03	0.06	96.6	0	51
Mn	pm10	4.99	4.36	3.74	2.13	0.53	1.17	3.67	13.00	36.50	53.9	1	197
Mn	pm25	1.81	1.38	1.40	2.04	0.20	0.42	1.35	5.11	6.90	53.4	1	195
Ni	pm10	0.49	0.36	0.36	2.47	0.06	0.06	0.43	1.16	2.33	53.9	27	197
Ni	pm25	0.35	0.29	0.24	2.58	0.06	0.06	0.28	0.97	1.54	53.4	43	195
Pb	pm10	4.60	4.09	3.33	2.25	0.35	0.90	3.29	13.01	25.60	53.9	1	197
Pb	pm25	4.00	3.29	2.99	2.18	0.22	0.96	2.87	10.82	20.10	53.4	1	195

DE0001R Westerland

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.33	0.19	0.28	1.86	0.06	0.09	0.25	0.67	0.80	99.2	0	52
Cd	aerosol	0.09	0.09	0.06	2.54	0.01	0.01	0.06	0.33	0.42	99.2	0	52
Co	aerosol	0.06	0.03	0.05	1.78	0.01	0.01	0.05	0.12	0.13	99.2	0	52
Cu	aerosol	2.21	1.05	1.95	1.70	0.56	0.68	2.18	4.19	4.94	97.5	0	51
Fe	aerosol	72.53	40.17	62.77	1.74	18.70	23.52	65.90	170.48	183.00	99.2	0	52
Mn	aerosol	2.01	1.08	1.76	1.67	0.64	0.72	1.84	4.25	6.04	97.2	0	51
Ni	aerosol	1.24	0.58	1.09	1.73	0.18	0.41	1.09	2.39	2.96	99.2	0	52
Pb	aerosol	2.78	1.76	2.25	2.00	0.37	0.60	2.01	6.20	8.06	99.2	0	52
V	aerosol	2.23	1.13	1.97	1.67	0.38	0.76	1.90	4.79	5.91	99.2	0	52
Zn	aerosol	11.51	6.97	9.32	2.07	1.10	2.00	10.80	23.42	37.90	97.2	0	51
Sb	aerosol	0.39	0.21	0.34	1.73	0.08	0.11	0.33	0.77	1.16	97.2	0	51
Tl	aerosol	0.01	0.01	0.01	2.18	0.00	0.00	0.01	0.04	0.06	99.2	0	52

DE0002R Langenbrügge

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.50	0.50	0.39	1.94	0.15	0.16	0.35	1.67	3.00	85.7	0	52
Cd	aerosol	0.14	0.11	0.10	2.04	0.02	0.03	0.10	0.38	0.61	85.7	0	52
Co	aerosol	0.06	0.02	0.06	1.50	0.02	0.03	0.05	0.11	0.11	85.7	0	52
Cu	aerosol	2.75	2.12	2.41	1.62	0.96	1.14	2.37	6.19	15.17	85.7	0	52
Fe	aerosol	102.53	53.21	91.34	1.60	38.04	45.67	90.12	213.88	285.63	85.7	0	52
Hg	pm25	9.87	11.81	5.94	2.90	0.00	0.84	6.59	29.62	157.64	64.1	0	1872
Mn	aerosol	3.25	1.64	2.91	1.61	1.08	1.21	2.96	7.40	9.10	85.7	0	52
Ni	aerosol	0.94	0.41	0.88	1.42	0.46	0.50	0.87	1.46	3.19	85.7	0	52
Pb	aerosol	5.24	4.29	4.17	1.97	1.07	1.57	3.83	14.86	23.66	85.7	0	52
V	aerosol	1.22	0.53	1.10	1.61	0.32	0.46	1.23	2.33	2.52	85.7	0	52
Zn	aerosol	15.06	9.95	12.50	1.89	2.48	4.47	12.56	37.55	46.85	85.7	0	52
Sb	aerosol	0.56	0.28	0.50	1.57	0.19	0.27	0.47	1.22	1.47	85.7	0	52
Tl	aerosol	0.03	0.03	0.02	2.15	0.00	0.01	0.02	0.09	0.16	85.7	0	52
Hg (TGM)	air	1.69	0.30	1.67	1.17	1.17	1.35	1.64	2.23	7.68	85.2	0	7467
Hg (RGM)	air	1.29	2.27	0.83	2.93	0.00	0.00	0.54	5.43	35.72	61.5	0	1796

DE0003R Schauinsland

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.16	0.11	0.12	2.31	0.01	0.03	0.12	0.42	0.46	83.8	0	51
Cd	aerosol	0.04	0.04	0.03	2.48	0.01	0.01	0.03	0.13	0.16	83.8	0	51
Co	aerosol	0.05	0.06	0.03	2.27	0.01	0.01	0.03	0.18	0.41	83.8	0	51
Cu	aerosol	1.28	0.97	0.87	2.77	0.11	0.11	1.07	3.20	4.07	83.8	0	51
Fe	aerosol	80.25	78.45	49.31	3.06	3.20	3.20	63.50	260.90	381.40	83.8	0	51
Mn	aerosol	1.98	1.60	1.37	2.59	0.14	0.22	1.81	5.85	6.78	82.2	0	50
Ni	aerosol	0.30	0.27	0.20	2.71	0.06	0.06	0.22	1.00	1.03	83.8	0	51
Pb	aerosol	1.82	1.08	1.54	1.81	0.26	0.56	1.54	4.31	5.53	83.8	0	51
V	aerosol	0.51	0.36	0.40	2.12	0.05	0.08	0.48	1.38	1.71	83.8	0	51
Zn	aerosol	8.17	12.95	5.23	2.40	0.80	0.80	5.70	17.18	93.40	83.8	0	51
Sb	aerosol	0.30	0.18	0.25	1.85	0.04	0.09	0.26	0.73	0.90	82.2	0	50
Tl	aerosol	0.01	0.01	0.01	2.39	0.00	0.00	0.01	0.03	0.03	83.8	0	51

DE0007R Neuglobsow

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.63	0.64	0.42	2.60	0.09	0.10	0.46	2.44	2.64	85.7	0	52
Cd	aerosol	0.15	0.12	0.10	2.56	0.02	0.02	0.11	0.41	0.56	85.7	0	52
Co	aerosol	0.05	0.02	0.04	1.73	0.01	0.01	0.05	0.11	0.12	85.7	0	52
Cu	aerosol	1.88	1.67	1.45	2.13	0.17	0.30	1.61	4.24	11.78	85.7	0	52
Fe	aerosol	68.89	42.03	58.66	1.78	15.60	23.40	58.95	164.88	206.60	85.7	0	52
Mn	aerosol	2.59	1.55	2.22	1.76	0.57	0.85	2.21	6.34	7.72	85.7	0	52
Ni	aerosol	0.65	0.31	0.56	1.90	0.10	0.10	0.61	1.14	1.24	85.7	0	52
Pb	aerosol	5.59	4.50	4.12	2.27	1.03	1.18	4.14	16.45	20.07	85.7	0	52
V	aerosol	1.01	0.46	0.92	1.60	0.38	0.39	0.90	1.86	2.01	85.7	0	52
Zn	aerosol	13.64	11.50	9.30	2.63	1.10	1.10	9.30	39.72	47.80	85.7	0	52
Sb	aerosol	0.56	0.35	0.46	1.87	0.15	0.17	0.47	1.32	1.74	85.7	0	52
Tl	aerosol	0.03	0.03	0.02	3.01	0.00	0.00	0.02	0.09	0.17	85.7	0	52

DE0008R Schmücke

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.29	0.26	0.21	2.11	0.06	0.08	0.18	0.95	1.25	85.7	0	52
Cd	aerosol	0.07	0.06	0.05	2.44	0.01	0.01	0.04	0.22	0.29	85.7	0	52
Co	aerosol	0.04	0.03	0.03	2.35	0.01	0.01	0.03	0.10	0.12	85.7	0	52
Cu	aerosol	1.47	1.24	1.05	2.58	0.13	0.13	1.23	4.36	6.32	85.7	0	52
Fe	aerosol	63.32	52.29	42.18	2.77	3.20	6.38	48.45	180.75	214.40	85.7	0	52
Mn	aerosol	1.79	1.28	1.31	2.40	0.17	0.25	1.52	4.19	4.93	85.7	0	52
Ni	aerosol	0.42	0.24	0.35	1.92	0.06	0.06	0.41	0.85	1.37	85.7	0	52
Pb	aerosol	2.66	1.96	2.18	1.84	0.81	0.93	1.97	7.92	9.47	85.7	0	52
V	aerosol	0.49	0.27	0.41	1.89	0.05	0.14	0.43	0.94	1.43	85.7	0	52
Zn	aerosol	7.42	5.81	5.46	2.36	0.70	0.80	6.20	21.59	25.30	85.7	0	52
Sb	aerosol	0.34	0.18	0.30	1.69	0.11	0.12	0.34	0.73	1.06	85.7	0	52
Tl	aerosol	0.02	0.01	0.01	2.30	0.00	0.00	0.01	0.05	0.07	85.7	0	52
Hg (TGM)	air	1.68	0.28	1.66	1.16	1.26	1.38	1.62	2.22	4.34	92.3	0	338

DE0009R Zingst

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.56	0.65	0.39	2.21	0.11	0.12	0.36	1.90	4.05	99.2	0	52
Cd	aerosol	0.11	0.09	0.08	2.65	0.01	0.01	0.08	0.32	0.37	99.2	0	52
Co	aerosol	0.07	0.04	0.06	1.65	0.01	0.03	0.07	0.15	0.22	99.2	0	52
Cu	aerosol	1.65	1.01	1.42	1.77	0.25	0.59	1.48	4.69	5.19	99.2	0	52
Fe	aerosol	66.06	33.23	59.00	1.60	24.70	28.13	59.70	142.16	180.20	99.2	0	52
Mn	aerosol	2.23	1.10	1.99	1.61	0.89	1.05	2.10	4.61	5.86	99.2	0	52
Ni	aerosol	1.71	0.99	1.49	1.67	0.46	0.66	1.44	3.66	6.16	99.2	0	52
Pb	aerosol	4.53	3.52	3.43	2.18	0.61	0.99	3.33	13.17	13.68	99.2	0	52
V	aerosol	2.94	2.07	2.39	1.92	0.51	0.74	2.46	6.95	12.30	99.2	0	52
Zn	aerosol	11.64	7.88	8.90	2.33	1.10	1.10	10.50	31.77	32.90	99.2	0	52
Sb	aerosol	0.46	0.24	0.40	1.66	0.14	0.16	0.39	1.05	1.14	99.2	0	52
Tl	aerosol	0.03	0.03	0.02	2.89	0.00	0.00	0.01	0.08	0.13	99.2	0	52
Hg (TGM)	air	1.46	0.29	1.44	1.21	0.98	1.07	1.44	2.02	2.51	92.1	0	337

DK0003R Tange

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.70	1.30	0.41	2.75	-0.12	0.07	0.44	2.05	19.79	92.6	215	338
Cr	aerosol	0.26	1.03	0.32	3.77	-2.48	-0.81	0.13	1.51	11.96	92.3	222	337
Cu	aerosol	3.18	11.03	1.35	2.89	-1.04	0.10	1.35	4.62	103.89	94.2	23	344
Fe	aerosol	246.55	1046.35	64.31	3.55	-2.13	12.70	53.90	580.68	11767.00	94.2	2	
Mn	aerosol	4.66	18.20	2.21	2.91	-0.14	0.48	1.90	15.79	329.65	94.0	11	343
Ni	aerosol	1.40	3.22	0.94	2.40	-0.28	0.14	1.05	3.05	57.75	91.5	23	334
Pb	aerosol	3.76	8.16	2.17	2.87	-0.13	0.31	2.25	9.95	139.29	92.6	8	338
Se	aerosol	0.46	1.39	0.30	2.21	-0.04	0.07	0.31	1.00	25.54	94.0	7	343
Zn	aerosol	17.74	36.65	9.82	2.78	-1.49	1.52	10.33	45.71	384.79	94.2	13	344

DK0005R Keldsnor

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.38	0.54	0.23	2.75	-0.07	0.02	0.22	1.25	5.09	95.3	299	348
Cr	aerosol	0.31	0.97	0.41	2.74	-1.21	-0.55	0.21	1.42	13.96	95.3	212	348
Cu	aerosol	1.92	3.48	1.18	2.88	-0.11	0.12	1.22	4.58	46.53	95.3	25	348
Fe	aerosol	80.22	76.79	56.14	2.43	-134.43	11.09	55.69	238.12	588.08	95.3	3	348
Mn	aerosol	2.49	2.27	1.76	2.47	-0.42	0.35	1.79	7.70	12.79	95.5	18	349
Ni	aerosol	2.93	7.29	1.82	2.56	-0.16	0.29	1.87	7.11	131.33	95.3	9	348
Pb	aerosol	4.02	4.33	2.40	3.12	-0.13	0.34	2.59	13.71	30.47	95.3	9	348
Se	aerosol	0.51	0.34	0.40	2.07	0.04	0.11	0.43	1.14	2.08	95.5	3	349
Zn	aerosol	10.46	18.55	7.55	2.71	-266.28	0.81	7.75	31.33	93.29	95.3	20	348

DK0008R Anholt

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.27	0.29	0.19	2.40	-0.07	0.04	0.19	0.83	2.14	94.2	311	344
Cr	aerosol	0.03	0.53	0.22	3.52	-2.75	-0.76	0.03	0.85	2.34	93.9	267	343
Cu	aerosol	1.01	1.49	0.72	2.58	-0.43	-0.08	0.70	2.99	22.76	94.7	49	346
Fe	aerosol	53.51	62.84	32.80	2.75	-1.42	6.35	31.99	161.94	559.29	94.7	3	346
Mn	aerosol	1.94	2.22	1.31	2.52	-0.57	0.18	1.33	5.64	20.35	94.7	33	346
Ni	aerosol	1.67	1.34	1.20	2.42	-0.03	0.24	1.35	4.36	8.60	94.4	9	345
Pb	aerosol	2.34	2.75	1.39	2.92	-0.08	0.17	1.35	8.15	19.70	94.4	16	345
Se	aerosol	0.33	0.25	0.24	2.42	-0.02	0.05	0.27	0.85	1.85	94.7	22	346
Zn	aerosol	7.66	18.59	4.65	2.78	-2.08	0.43	4.61	19.68	331.60	94.7	36	346

DK0010G Nord, Greenland

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
Al	aerosol	33.64	24.39	24.78	2.65	0.28	6.06	28.48	92.78	104.58	82.2	0	51
As	aerosol	0.06	0.08	0.03	4.39	-0.00	-0.00	0.02	0.25	0.29	82.2	33	51
Cr	aerosol	0.10	0.09	0.08	2.93	-0.08	-0.03	0.08	0.27	0.38	82.2	19	51
Cu	aerosol	0.07	0.18	0.10	3.39	-0.31	-0.15	0.06	0.47	0.62	82.2	23	51
Fe	aerosol	17.31	12.84	13.06	2.26	1.90	3.31	14.22	46.81	51.32	82.2	0	51
Hg	air	1.38	0.37	1.32	1.41	0.13	0.62	1.49	1.84	3.70	45.7	0	4006
Mn	aerosol	0.42	0.34	0.29	2.58	0.03	0.05	0.31	1.14	1.26	82.2	2	51
Ni	aerosol	0.12	0.16	0.08	2.61	-0.01	0.01	0.06	0.49	0.91	82.2	6	51
Pb	aerosol	0.58	0.72	0.19	5.93	0.00	0.01	0.17	2.32	2.50	82.2	9	51
Se	aerosol	0.04	0.04	0.03	3.11	0.00	0.01	0.02	0.15	0.19	82.2	7	51
Zn	aerosol	1.65	1.32	0.98	3.55	0.05	0.07	1.63	4.44	5.38	82.2	7	51

DK0031R Ulborg

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.32	0.35	0.21	2.86	-0.59	0.00	0.23	0.93	2.32	98.0	314	358
Cr	aerosol	0.08	0.65	0.28	3.10	-1.73	-0.94	0.06	1.02	4.31	98.0	262	358
Cu	aerosol	1.33	8.58	0.72	3.09	-0.69	-0.04	0.80	2.96	162.26	98.0	59	358
Fe	aerosol	60.07	75.00	33.83	2.98	-0.01	6.04	33.35	218.54	521.88	98.0	4	358
Mn	aerosol	1.92	2.28	1.19	2.93	-0.32	0.07	1.24	6.75	17.74	98.3	61	359
Ni	aerosol	1.08	0.80	0.82	2.31	-0.11	0.13	0.92	2.73	4.91	98.0	24	358
Pb	aerosol	2.56	2.62	1.50	3.39	-0.10	0.11	1.75	8.60	16.68	98.0	29	358
Se	aerosol	0.38	0.24	0.30	2.18	-0.28	0.07	0.34	0.84	1.37	98.3	9	359
Zn	aerosol	8.08	7.66	5.34	3.07	-1.95	0.16	6.47	22.80	51.29	98.0	50	358

EE0009R Lahemaa

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
Cd	aerosol	0.08	0.06	0.07	1.97	0.02	0.02	0.07	0.21	0.31	100.0	0	53
Ni	aerosol	1.77	0.87	1.57	1.63	0.54	0.68	1.60	3.68	4.30	100.0	0	53
Pb	aerosol	3.88	2.54	3.06	2.19	0.22	0.54	3.40	9.13	13.40	100.0	0	53

ES0001R San Pablo de los Montes

26 June 2009 - 14 August 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.17	0.09	0.15	1.65	0.07	0.07	0.16	0.34	0.34	1.9	0	7
Cd	pm10	0.03	0.05	0.01	2.71	0.01	0.01	0.01	0.14	0.14	1.9	0	7
Cr	pm10	6.42	0.70	6.39	1.11	5.81	5.81	6.11	7.78	7.78	1.9	0	7
Cu	pm10	11.07	5.13	10.00	1.67	3.99	3.99	9.94	19.19	19.19	1.9	0	7
Hg	pm10	0.00	0.00	0.00	1.83	0.00	0.00	0.00	0.01	0.01	1.9	2	7
Ni	pm10	1.75	2.49	1.03	2.64	0.41	0.41	0.99	7.34	7.34	1.9	2	7
Pb	pm10	0.83	0.64	0.66	2.09	0.20	0.20	0.68	2.14	2.14	1.9	0	7
Zn	pm10	7.67	1.36	7.56	1.20	5.85	5.85	7.49	9.29	9.29	1.9	0	7

ES0007R Viznar

28 August 2009 - 16 October 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.14	0.09	0.12	1.77	0.05	0.05	0.12	0.33	0.33	1.9	0	7
Cd	pm10	0.05	0.08	0.03	2.88	0.01	0.01	0.02	0.22	0.22	1.9	0	7
Cr	pm10	0.78	0.00	0.78	1.00	0.78	0.78	0.78	0.78	0.78	1.9	7	7
Cu	pm10	8.70	6.56	6.52	2.35	2.04	2.04	7.84	18.58	18.58	1.9	0	7
Hg	pm10	0.01	0.01	0.01	3.23	0.00	0.00	0.01	0.02	0.02	1.9	2	7
Ni	pm10	1.72	0.94	1.53	1.68	0.88	0.88	1.55	3.25	3.25	1.9	0	7
Pb	pm10	1.82	1.58	1.34	2.30	0.53	0.53	0.99	4.93	4.93	1.9	0	7
Zn	pm10	2.90	0.92	2.81	1.29	2.34	2.34	2.64	4.97	4.97	1.9	3	7

ES0008R Niembro

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.18	0.12	0.15	1.93	0.04	0.05	0.15	0.40	0.65	14.0	1	51
Cd	pm10	0.07	0.09	0.04	2.74	0.01	0.01	0.04	0.20	0.56	14.0	2	51
Cr	pm10	0.85	0.38	0.81	1.30	0.48	0.53	0.78	1.18	3.33	14.0	32	51
Cu	pm10	60.45	64.89	37.56	2.69	5.18	9.12	40.07	229.34	293.48	14.0	0	51
Hg (apr-june)	pm10	0.00	0.00	0.00	1.67	0.00	0.00	0.00	0.01	0.01	1.9	2	7
Ni	pm10	1.73	2.25	1.22	2.14	0.41	0.41	1.19	4.29	15.80	14.0	7	51
Pb	pm10	4.41	5.32	2.47	3.10	0.26	0.28	3.01	17.14	28.46	14.0	0	51
Zn	pm10	14.51	15.57	8.88	2.69	1.96	2.57	8.21	57.58	63.73	14.0	6	51

ES0009R Campisabalos

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.15	0.15	0.11	2.11	0.02	0.04	0.10	0.33	0.99	12.1	7	45
Cd	pm10	0.03	0.03	0.02	2.04	0.01	0.01	0.02	0.11	0.14	12.1	5	45
Cr	pm10	0.92	0.66	0.84	1.38	0.68	0.76	0.78	1.67	5.07	12.1	36	45
Cu	pm10	2.33	1.46	1.95	1.82	0.42	0.69	1.83	5.34	8.10	12.1	0	45
Ni	pm10	0.60	0.43	0.50	1.77	0.14	0.15	0.41	1.61	2.58	12.1	14	45
Pb	pm10	1.27	0.86	0.95	2.41	0.10	0.10	1.08	3.36	3.85	12.1	3	45
Zn	pm10	4.82	3.50	3.94	1.86	0.91	1.12	4.04	12.99	20.48	12.1	1	45

ES0014R Els Torms

30 October 2009 - 18 December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.15	0.14	0.09	3.18	0.02	0.02	0.09	0.40	0.40	1.9	0	7
Cd	pm10	0.05	0.04	0.04	2.40	0.01	0.01	0.04	0.12	0.12	1.9	0	7
Cr	pm10	0.78	0.00	0.78	1.00	0.78	0.78	0.78	0.78	0.78	1.9	7	7
Cu	pm10	22.86	7.96	21.84	1.37	14.78	14.78	21.18	38.66	38.66	1.9	0	7
Hg	pm10	0.01	0.01	0.01	2.21	0.00	0.00	0.01	0.02	0.02	1.9	1	7
Ni	pm10	1.85	2.51	1.03	2.98	0.41	0.41	0.72	7.34	7.34	1.9	3	7
Pb	pm10	2.94	2.18	2.25	2.29	0.65	0.65	2.66	6.54	6.54	1.9	0	7
Zn	pm10	7.61	5.31	6.19	2.00	2.64	2.64	4.94	16.79	16.79	1.9	1	7

ES1778R Montseny

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
Al	pm25	0.07	0.08	0.04	2.90	0.01	0.01	0.04	0.24	0.55	23.3	9	85
As	pm10	0.23	0.13	0.18	2.16	0.01	0.05	0.20	0.47	0.53	19.5	1	71
As	pm25	0.16	0.09	0.13	2.06	0.01	0.02	0.15	0.34	0.43	23.3	0	85
Cd	pm10	0.08	0.05	0.07	1.78	0.02	0.03	0.07	0.15	0.35	19.5	0	71
Cd	pm25	0.07	0.05	0.06	2.12	0.01	0.01	0.07	0.18	0.24	23.3	2	85
Co	pm10	0.12	0.08	0.09	1.98	0.02	0.03	0.11	0.33	0.46	19.5	0	71
Co	pm25	0.05	0.04	0.04	2.28	0.01	0.01	0.04	0.12	0.19	23.3	5	85
Cr	pm10	0.98	0.86	0.79	2.70	-3.42	0.04	0.92	2.57	2.88	19.5	3	71
Cr	pm25	0.97	1.78	0.37	5.27	0.01	0.01	0.57	4.90	11.88	23.3	6	85
Cu	pm10	4.86	3.19	3.79	2.25	0.09	0.79	3.72	10.63	17.14	19.5	0	71
Cu	pm25	1.90	1.29	1.64	1.72	0.33	0.56	1.72	3.67	11.16	23.3	0	85
Fe	pm10	202.68	195.71	132.30	2.81	0.00	16.00	150.00	674.00	1000.00	19.5	1	71
Fe	pm25	42.47	45.02	28.70	2.41	5.00	6.50	30.00	144.00	290.00	23.3	4	85
Mn	pm10	5.49	3.71	4.32	2.13	0.50	0.87	4.77	13.57	21.00	19.5	0	71
Mn	pm25	1.90	1.91	1.44	2.03	0.19	0.48	1.49	3.84	13.00	23.3	0	85
Ni	pm10	1.17	0.67	0.92	2.46	0.01	0.31	1.05	2.42	3.05	19.5	1	71
Ni	pm25	0.88	0.61	0.63	2.74	0.01	0.09	0.77	2.10	3.06	23.3	1	85
Pb	pm10	2.69	1.79	2.19	1.95	0.30	0.62	2.44	4.97	10.32	19.5	0	71
Pb	pm25	2.18	1.44	1.82	1.83	0.46	0.64	1.99	4.51	9.36	23.3	0	85
Se	pm10	0.24	0.15	0.20	2.13	0.01	0.05	0.23	0.55	0.84	19.5	1	71
Se	pm25	0.16	0.09	0.13	2.42	0.00	0.01	0.16	0.35	0.48	23.3	5	85
Ti	pm10	0.02	0.02	0.01	2.68	0.00	0.00	0.02	0.05	0.12	19.5	0	71
Ti	pm25	0.01	0.01	0.00	2.46	0.00	0.00	0.00	0.02	0.04	23.3	0	85
V	pm10	2.58	1.82	1.99	2.16	0.20	0.54	2.15	6.48	8.92	19.5	0	71
V	pm25	1.84	1.44	1.35	2.30	0.13	0.37	1.49	5.22	6.53	23.3	0	85
Zn	pm10	16.84	10.70	14.03	1.87	2.41	4.63	14.46	37.07	66.68	19.5	0	71
Zn	pm25	10.90	16.15	8.14	2.06	0.45	2.62	9.42	16.97	152.58	23.3	0	85
Sb	pm10	0.28	0.23	0.19	2.97	0.00	0.01	0.26	0.79	1.05	19.5	3	71
Sb	pm25	0.15	0.12	0.09	3.30	0.01	0.01	0.13	0.37	0.73	23.3	5	85
Ba	pm10	7.64	8.49	4.46	4.21	0.01	0.84	5.63	26.15	55.13	19.5	2	71
Ba	pm25	7.16	30.86	2.04	5.33	0.01	0.05	2.49	17.42	285.52	23.3	3	85
Bi	pm10	0.09	0.10	0.05	3.71	0.00	0.01	0.06	0.26	0.71	19.5	15	71
Bi	pm25	0.06	0.05	0.03	3.64	0.01	0.01	0.05	0.17	0.24	23.3	26	85
Ce	pm10	0.38	0.32	0.29	2.06	0.08	0.09	0.31	1.14	2.01	19.5	0	71
Ce	pm25	0.13	0.10	0.10	2.04	0.01	0.03	0.10	0.33	0.64	23.3	1	85
La	pm10	0.18	0.15	0.13	2.14	0.03	0.04	0.14	0.50	0.94	19.5	0	71
La	pm25	0.07	0.05	0.05	2.01	0.01	0.02	0.05	0.17	0.30	23.3	1	85
Li	pm10	0.25	0.23	0.17	2.77	0.01	0.03	0.22	0.69	1.47	19.5	1	71
Li	pm25	0.07	0.06	0.05	2.51	0.01	0.01	0.06	0.20	0.43	23.3	5	85
Rb	pm10	0.47	0.41	0.32	2.63	0.03	0.05	0.42	1.27	2.48	19.5	0	71
Rb	pm25	0.15	0.12	0.12	2.04	0.02	0.04	0.12	0.38	0.76	23.3	0	85
Sr	pm10	1.79	1.90	1.27	2.25	0.23	0.33	1.47	6.64	10.78	19.5	0	71
Sr	pm25	0.49	0.53	0.34	2.47	0.01	0.09	0.33	1.70	3.51	23.3	1	85
Tl	pm10	0.01	0.02	0.01	2.57	0.01	0.01	0.01	0.06	0.10	19.5	54	71
Tl	pm25	0.01	0.01	0.01	1.86	0.01	0.01	0.01	0.04	0.05	23.3	76	85
Th	pm10	0.08	0.06	0.06	2.17	0.01	0.02	0.06	0.20	0.35	19.5	1	71
Th	pm25	0.02	0.02	0.02	2.50	0.01	0.01	0.02	0.06	0.10	23.3	27	85
Sn	pm10	0.81	0.53	0.62	2.23	0.10	0.15	0.69	1.84	2.22	19.5	0	71
Sn	pm25	0.58	0.37	0.46	2.18	0.05	0.10	0.51	1.26	1.57	23.3	0	85
U	pm10	0.07	0.05	0.06	2.27	0.01	0.01	0.06	0.17	0.30	19.5	4	71
U	pm25	0.04	0.03	0.03	2.51	0.01	0.01	0.04	0.09	0.17	23.3	12	85

FI0017R Virolahti II

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
Al	aerosol	208.81	496.95	81.70	3.56	5.60	13.60	63.55	910.48	5178.10	98.0	0	154
As	aerosol	0.31	0.29	0.23	2.17	0.06	0.06	0.22	0.98	1.97	98.0	21	154
Cd	aerosol	0.10	0.10	0.07	2.59	0.00	0.01	0.07	0.31	0.52	98.0	2	154
Co	aerosol	0.08	0.08	0.06	2.12	0.01	0.02	0.06	0.22	0.72	98.0	36	154
Cr	aerosol	0.34	0.47	0.18	3.27	0.02	0.03	0.22	1.33	2.82	98.0	30	154
Cu	aerosol	1.02	0.94	0.80	2.04	0.09	0.24	0.80	2.63	8.06	98.0	0	154
Fe	aerosol	125.94	165.41	70.45	2.90	7.40	13.85	61.27	494.31	964.71	96.1	0	151
Mn	aerosol	3.20	6.12	2.03	2.42	0.30	0.44	2.04	9.24	69.75	98.0	0	154
Ni	aerosol	1.16	0.89	0.82	2.73	0.03	0.05	0.98	2.90	4.88	98.0	8	154
Pb	aerosol	2.97	3.12	1.98	2.50	0.13	0.47	1.93	8.75	25.35	98.0	0	154
V	aerosol	2.41	1.84	1.77	2.39	0.10	0.40	2.01	6.77	7.83	98.0	0	154
Zn	aerosol	10.04	8.09	7.47	2.21	0.55	2.12	7.42	26.61	48.89	98.0	0	154

FI0036R Pallas (Matorova)

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
Al	aerosol	17.86	41.73	8.28	3.71	0.20	0.65	10.40	53.55	291.80	94.0	2	49
As	aerosol	0.11	0.08	0.08	2.24	0.01	0.01	0.10	0.32	0.42	94.0	3	49
Cd	aerosol	0.03	0.03	0.02	2.57	0.00	0.00	0.02	0.09	0.20	94.0	0	49
Co	aerosol	0.02	0.02	0.01	2.41	0.00	0.00	0.01	0.06	0.07	94.0	17	49
Cr	aerosol	0.06	0.05	0.04	2.59	0.01	0.01	0.05	0.17	0.20	94.0	6	49
Cu	aerosol	0.30	0.30	0.19	2.96	0.01	0.02	0.23	1.01	1.43	94.0	1	49
Fe	aerosol	14.72	9.86	12.05	1.95	2.25	2.98	13.35	36.12	53.84	94.0	0	49
Hg	aerosol	2.05	3.31	0.89	3.55	0.25	0.25	1.20	11.16	16.40	78.1	18	41
Mn	aerosol	0.40	0.30	0.31	2.15	0.04	0.07	0.39	0.88	1.82	94.0	0	49
Ni	aerosol	0.39	0.44	0.19	4.19	0.01	0.01	0.27	1.52	2.11	94.0	5	49
Pb	aerosol	0.62	0.66	0.41	2.52	0.05	0.10	0.36	2.42	2.95	94.0	0	49
V	aerosol	0.53	0.86	0.25	3.27	0.03	0.04	0.24	2.34	5.00	94.0	0	49
Zn	aerosol	1.75	1.66	1.18	2.42	0.21	0.28	0.98	5.80	6.94	94.0	0	49

FI0037R Ahtäri II

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
Al	aerosol	34.73	31.46	23.54	2.53	1.80	3.51	23.90	120.11	136.60	99.7	0	53
As	aerosol	0.14	0.16	0.11	2.21	0.02	0.02	0.12	0.52	0.91	98.6	5	52
Cd	aerosol	0.04	0.04	0.03	2.10	0.01	0.01	0.03	0.14	0.21	98.6	0	52
Co	aerosol	0.04	0.04	0.03	2.30	0.01	0.01	0.03	0.13	0.19	98.6	12	52
Cr	aerosol	0.09	0.10	0.05	3.22	0.01	0.01	0.08	0.27	0.65	98.6	15	52
Cu	aerosol	0.36	0.20	0.32	1.71	0.09	0.13	0.33	0.85	1.07	98.6	0	52
Fe	aerosol	27.70	19.34	21.80	2.12	3.13	4.77	23.45	77.14	93.49	98.6	0	52
Mn	aerosol	0.89	0.49	0.77	1.80	0.18	0.28	0.86	1.84	2.55	98.6	0	52
Ni	aerosol	0.32	0.24	0.26	2.15	0.01	0.06	0.26	0.84	1.26	98.6	1	52
Pb	aerosol	1.06	1.25	0.74	2.29	0.17	0.22	0.63	4.46	6.20	98.6	0	52
V	aerosol	0.57	0.48	0.46	2.00	0.09	0.13	0.43	1.87	2.17	98.6	0	52
Zn	aerosol	3.66	2.97	3.01	1.89	0.60	1.30	2.70	10.78	16.81	98.6	0	52

FR0009R Revin

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.29	0.20	0.22	2.56	0.01	0.02	0.27	0.78	0.86	99.5	2	26
Cd	aerosol	0.07	0.06	0.03	5.37	0.00	0.00	0.07	0.18	0.19	99.5	6	26
Cr	aerosol	1.69	1.21	1.19	2.77	0.12	0.12	1.45	4.45	4.70	99.5	3	26
Cu	aerosol	2.54	1.20	2.14	2.13	0.11	0.41	2.52	5.07	5.09	99.5	1	26
Ni	aerosol	1.27	0.93	1.01	1.99	0.23	0.27	0.94	3.76	3.79	99.5	0	26
Pb	aerosol	4.40	2.53	3.11	3.32	0.03	0.14	3.96	8.58	8.95	99.5	1	26
Zn	aerosol	15.65	9.53	11.85	2.45	1.00	1.10	15.47	33.03	33.87	99.5	0	26

FR0013R Peyrusse Vieille

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.24	0.10	0.21	1.77	0.02	0.05	0.23	0.43	0.43	99.5	0	26
Cd	aerosol	0.04	0.03	0.02	4.57	0.00	0.00	0.04	0.11	0.12	99.5	5	26
Cr	aerosol	1.19	0.96	0.75	3.04	0.12	0.12	1.15	3.38	3.58	99.5	6	26
Cu	aerosol	2.06	1.32	1.56	2.69	0.03	0.22	1.67	5.54	5.65	99.5	0	26
Ni	aerosol	0.95	0.59	0.74	2.34	0.07	0.09	0.83	2.34	2.63	99.5	1	26
Pb	aerosol	2.69	1.21	2.23	2.32	0.06	0.39	2.75	5.37	5.79	99.5	0	26
Zn	aerosol	9.38	7.74	7.14	2.21	0.56	1.48	7.27	32.78	33.21	99.5	0	26

GB0013R Yarner Wood

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.37	0.27	0.31	1.99	0.05	0.11	0.27	0.89	1.23	78.3	0	48
Cd	pm10	0.04	0.04	0.03	2.50	0.01	0.01	0.03	0.11	0.18	78.3	0	48
Cr	pm10	1.06	1.67	0.46	4.05	0.12	0.12	0.27	5.26	8.30	78.3	0	48
Cu	pm10	1.08	1.16	0.65	3.69	0.06	0.06	0.83	3.49	5.61	78.3	0	48
Hg	pm10	1.41	1.02	1.09	2.58	0.08	0.08	1.12	3.54	3.54	63.6	0	17
Ni	pm10	0.86	0.97	0.62	2.33	0.08	0.20	0.47	3.49	4.70	78.3	0	48
Pb	pm10	2.01	1.77	1.36	2.77	0.18	0.18	1.37	5.81	7.12	78.3	0	48
Zn	pm10	5.31	3.99	4.80	1.78	2.98	2.98	3.13	15.63	19.95	78.3	0	48

GB0017R Heigham Holmes

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.50	0.35	0.44	1.78	0.12	0.17	0.45	1.56	1.82	89.9	0	50
Cd	pm10	0.10	0.07	0.09	1.82	0.02	0.04	0.09	0.26	0.34	89.9	0	50
Cr	pm10	0.85	1.38	0.37	3.77	0.12	0.12	0.20	4.01	5.39	89.9	0	50
Cu	pm10	2.14	2.41	1.89	1.95	0.28	0.61	2.08	5.03	17.00	89.9	0	50
Hg	pm10	0.94	1.21	0.54	3.09	0.07	0.07	0.78	4.64	4.64	49.5	0	13
Ni	pm10	1.67	1.16	1.35	1.92	0.27	0.53	1.48	4.38	5.45	89.9	0	50
Pb	pm10	5.17	4.55	4.41	1.94	0.67	1.46	4.22	18.37	25.59	89.9	0	50
Zn	pm10	8.58	5.33	7.31	1.90	2.98	2.98	7.88	18.72	25.29	89.9	0	50

GB0091R Banchory

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.28	0.21	0.22	2.13	0.05	0.06	0.24	0.73	1.02	94.2	0	52
Cd	pm10	0.04	0.04	0.02	2.73	0.01	0.01	0.03	0.12	0.23	94.2	0	52
Cr	pm10	1.15	1.52	0.45	4.38	0.12	0.12	0.15	3.46	7.89	94.2	0	52
Cu	pm10	0.70	1.07	0.36	3.46	0.06	0.06	0.45	1.67	7.49	94.2	0	52
Hg	pm10	1.02	0.51	0.86	2.16	0.08	0.08	1.03	1.91	1.91	72.9	0	19
Ni	pm10	0.30	0.31	0.19	2.85	0.03	0.03	0.20	1.08	1.50	94.2	0	52
Pb	pm10	2.07	2.25	1.29	2.78	0.18	0.18	1.31	7.88	11.48	94.2	0	52
Zn	pm10	4.22	2.36	3.93	1.54	2.98	2.98	3.00	9.62	11.88	94.2	0	52

HU0002R K-pusztá

9 March 2009 - 17 October 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
Cd	aerosol	0.19	0.11	0.15	2.02	0.01	0.06	0.17	0.42	0.52	59.2	1	72
Pb	aerosol	4.63	2.58	3.98	1.76	1.07	1.61	3.96	10.04	12.00	59.2	1	72

IS0002R Irafoss

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
Fe	aerosol	93.93	205.25	33.08	3.79	0.00	8.00	20.00	439.102360.00		97.7	0	357

IS0091R Storhofdi

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
Al	aerosol	323.79	358.41	137.95	5.06	0.70	4.33	113.491225.291339.43		99.9	0	25	
As	aerosol	0.06	0.04	0.05	1.90	0.01	0.01	0.05	0.14	0.15	99.9	0	25
Cd	aerosol	0.03	0.07	0.01	5.13	0.00	0.00	0.01	0.25	0.28	99.9	11	25
Cr	aerosol	7.24	5.71	5.34	2.61	0.65	0.77	6.05	20.08	21.59	99.9	0	25
Cu	aerosol	1.02	0.92	0.79	2.02	0.25	0.27	0.67	3.84	4.40	99.9	0	25
Fe	aerosol	622.06	643.85	340.34	3.07	56.63	64.52	436.712253.332390.47		99.9	0	25	
Hg	aerosol	2.28	1.08	1.99	1.64	0.63	0.67	2.07	4.94	5.28	99.9	0	25
Mn	aerosol	7.71	7.76	4.43	2.88	0.71	0.89	3.43	26.69	28.79	99.9	0	25
Ni	aerosol	4.16	2.99	3.32	2.28	0.64	0.66	3.38	10.91	11.66	99.9	0	25
Pb	aerosol	1.11	2.65	0.62	3.47	0.07	0.09	0.46	10.28	11.29	99.9	0	25
V	aerosol	3.14	3.08	1.78	3.06	0.16	0.20	1.66	10.91	12.16	99.9	0	25
Zn	aerosol	9.78	16.95	4.68	3.23	0.64	0.90	3.53	61.93	73.76	99.9	0	25

LV0010R Rucava

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.31	0.39	0.16	3.32	0.04	0.04	0.14	1.30	1.79	85.5	12	45
Cd	pm10	0.12	0.15	0.07	2.71	0.03	0.03	0.09	0.36	0.89	85.5	18	45
Cr	pm10	15.17	15.30	9.96	2.55	1.49	1.49	10.12	49.75	56.61	85.5	8	45
Cu	pm10	3.24	2.23	2.73	1.78	0.93	1.03	2.75	9.11	10.66	85.5	0	45
Mn	pm10	5.24	4.84	4.04	2.00	1.02	1.56	3.59	16.28	28.44	76.7	1	40
Ni	pm10	2.11	1.53	1.74	1.77	1.25	1.25	1.25	5.81	6.01	85.5	33	45
Pb	pm10	5.05	3.21	4.15	1.92	1.36	1.42	4.23	12.55	13.96	85.5	0	45
Zn	pm10	15.69	9.26	11.93	2.46	1.50	1.50	15.46	33.08	38.24	85.5	10	45

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NL0008R Bilthoven

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.57	0.45	0.43	2.12	0.18	0.18	0.45	1.54	2.32	49.0	64	179
Cd	aerosol	0.20	0.19	0.15	1.96	0.09	0.09	0.58	1.15	1.15	48.8	103	178
Ni	aerosol	1.92	1.55	1.41	2.33	0.18	0.18	1.59	5.05	7.97	49.0	13	179
Pb	aerosol	7.74	6.23	5.80	2.21	0.81	0.81	5.60	20.26	33.19	49.0	9	179
Zn	aerosol	28.09	19.21	22.63	1.97	7.25	7.25	24.47	67.43	112.54	49.0	31	179

NL0009R Kollumerwaard

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.40	0.55	0.28	1.98	0.18	0.18	0.18	1.02	5.51	45.8	107	167
Cd	aerosol	0.12	0.08	0.11	1.51	0.09	0.09	0.09	0.31	0.60	39.5	120	144
Ni	aerosol	1.73	1.16	1.36	2.17	0.18	0.18	1.55	4.03	7.80	41.9	10	153
Pb	aerosol	5.47	4.96	3.72	2.52	0.81	0.81	3.75	15.48	27.73	45.8	30	167
Zn	aerosol	17.09	13.93	13.29	1.97	7.25	7.25	7.25	45.78	91.70	45.8	84	167

NL0010R Vredepeel

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.60	0.49	0.45	2.11	0.18	0.18	0.49	1.56	3.12	49.6	59	181
Cd	aerosol	0.21	0.17	0.17	1.97	0.09	0.09	0.09	0.58	1.07	49.6	92	181
Ni	aerosol	1.65	1.32	1.20	2.39	0.18	0.18	1.35	4.23	8.33	49.3	17	180
Pb	aerosol	9.25	7.20	7.50	1.87	0.81	2.79	7.12	22.96	47.25	49.6	1	181
Zn	aerosol	34.52	20.62	29.11	1.84	7.25	7.25	29.91	76.98	134.13	49.6	15	181

NO0001R Birkenes

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.21	0.14	0.18	1.79	0.04	0.06	0.17	0.52	0.79	87.7	0	48
Cd	pm10	0.04	0.03	0.03	1.96	0.01	0.01	0.03	0.12	0.15	87.7	0	48
Co	pm10	0.03	0.02	0.02	2.20	0.00	0.00	0.02	0.07	0.11	87.7	5	48
Cr	pm10	1.45	2.23	0.55	3.64	0.23	0.23	0.24	6.50	6.98	87.7	36	48
Cu	pm10	0.71	0.79	0.50	2.33	0.04	0.15	0.45	2.55	4.63	87.7	3	48
Hg	air+aerosol	1.69	0.31	1.66	1.19	1.21	1.28	1.61	2.25	2.91	14.2	0	52
Ni	pm10	0.66	0.45	0.53	2.02	0.10	0.13	0.52	1.78	2.13	85.8	0	47
Pb	pm10	1.07	0.90	0.81	2.21	0.17	0.18	0.85	3.61	3.70	87.7	0	48
V	pm10	0.82	0.68	0.61	2.24	0.11	0.14	0.66	2.46	3.49	87.7	0	48
Zn	pm10	5.40	3.36	4.75	1.60	2.12	2.20	4.32	12.52	21.63	87.7	0	48

NO0042G Spitsbergen, Zeppelinfjell

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.06	0.10	0.03	3.96	0.00	0.00	0.02	0.26	0.52	27.9	5	47
Cd	aerosol	0.02	0.03	0.01	4.14	0.00	0.00	0.01	0.07	0.19	27.9	8	47
Co	aerosol	0.01	0.01	0.01	2.26	0.00	0.00	0.01	0.04	0.06	27.9	29	47
Cr	aerosol	0.14	0.24	0.09	2.17	0.03	0.04	0.06	0.41	1.68	27.9	31	47
Cu	aerosol	0.30	0.37	0.19	2.83	0.03	0.03	0.19	0.96	2.13	27.9	14	47
Hg	air	1.55	0.29	1.49	1.49	0.00	1.10	1.60	1.84	2.62	97.4	0	8528
Mn	aerosol	0.43	0.57	0.25	2.98	0.02	0.02	0.30	1.62	3.22	27.9	14	47
Ni	aerosol	0.13	0.20	0.07	3.19	0.00	0.02	0.09	0.44	1.29	27.9	10	47
Pb	aerosol	0.43	0.67	0.17	4.25	0.01	0.02	0.12	1.65	3.69	27.9	0	47
V	aerosol	0.13	0.13	0.08	2.99	0.01	0.01	0.10	0.41	0.67	27.9	6	47
Zn	aerosol	1.49	1.90	0.70	3.70	0.07	0.07	0.73	5.63	9.34	27.9	12	47

PL0005R Diabla Gora

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.34	0.48	0.26	2.52	0.00	0.00	0.20	1.15	2.90	99.2	0	52
Cd	pm10	0.20	0.13	0.17	1.72	0.00	0.07	0.20	0.47	0.60	99.2	0	52
Cr	pm10	1.18	1.01	0.74	3.06	0.03	0.06	0.77	3.13	3.78	99.2	0	52
Cu	pm10	0.68	0.79	0.48	2.33	0.00	0.10	0.50	2.08	5.10	99.2	0	52
Hg	air	1.25	0.40	1.19	1.41	0.50	0.50	1.20	2.06	2.30	14.5	4	53
Ni	pm10	0.75	0.75	0.52	2.43	0.04	0.10	0.49	2.04	4.45	99.2	0	52
Pb	pm10	4.29	4.37	2.64	2.96	0.20	0.36	2.90	12.92	23.60	99.2	0	52
Zn	pm10	14.96	14.22	10.01	2.63	1.10	1.23	11.30	50.11	71.60	99.2	0	52

SE0005R Bredkålen

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.04	0.04	0.02	2.75	0.01	0.01	0.01	0.11	0.11	96.7	7	12
Cd	aerosol	0.05	0.01	0.04	1.99	0.01	0.01	0.05	0.06	0.06	96.7	12	12
Hg	air+aerosol	2.26	1.73	1.91	1.69	1.00	1.10	1.55	7.28	9.30	13.7	0	50
Ni	aerosol	0.12	0.08	0.11	1.49	0.10	0.10	0.10	0.39	0.39	96.7	11	12
Pb	aerosol	0.42	0.26	0.34	1.96	0.11	0.11	0.33	0.88	0.88	96.7	0	12

SE0011R Vavihill

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.24	0.14	0.23	1.69	0.10	0.10	0.21	0.49	0.49	62.5	0	9
Cd	aerosol	0.05	0.04	0.03	3.10	0.01	0.01	0.05	0.11	0.11	62.5	3	9
Hg	air+aerosol	1.43	0.19	1.42	1.15	1.00	1.10	1.50	1.80	1.80	10.7	0	39
Ni	aerosol	0.93	0.39	0.90	1.44	0.62	0.62	0.78	1.79	1.79	62.5	0	9
Pb	aerosol	2.17	1.25	2.05	1.76	0.93	0.93	2.37	4.48	4.48	62.5	0	9

SE0012R Aspvreten

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.23	0.10	0.23	1.51	0.11	0.11	0.24	0.47	0.47	89.3	0	12
Cd	aerosol	0.03	0.05	0.02	3.04	0.01	0.01	0.01	0.14	0.14	89.3	7	12
Ni	aerosol	0.53	0.30	0.51	1.61	0.22	0.22	0.49	1.27	1.27	89.3	0	12
Pb	aerosol	1.15	0.74	1.08	1.76	0.44	0.44	0.92	2.66	2.66	89.3	0	12

SE0014R Rãö

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.31	0.21	0.26	1.89	0.10	0.10	0.23	0.81	0.81	96.7	0	12
Cd	aerosol	0.05	0.00	0.05	1.04	0.05	0.05	0.06	0.06	0.06	96.7	12	12
Hg	aerosol	8.68	5.78	6.83	2.08	1.40	1.71	7.25	22.58	24.80	27.9	0	102
Hg	air+aerosol	1.51	0.16	1.50	1.11	1.10	1.30	1.50	1.80	2.00	27.9	0	102
Ni	aerosol	1.06	0.61	0.95	1.65	0.51	0.51	0.91	2.48	2.48	96.7	0	12
Pb	aerosol	1.75	1.13	1.44	1.99	0.51	0.51	1.34	3.45	3.45	96.7	0	12

SI0008R Iskrba

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
Al	pm10	86.27	108.98	59.34	2.11	36.25	36.25	36.25	249.38	816.40	50.3	120	184
Al	pm25	58.86	123.76	44.56	1.75	36.25	36.25	36.25	133.93	1451.40	49.5	156	181
As	pm10	0.39	0.52	0.25	2.41	0.09	0.09	0.27	1.33	4.53	50.3	60	184
As	pm25	0.35	0.47	0.23	2.29	0.10	0.10	0.20	1.29	4.00	49.5	68	181
Cd	pm10	0.10	0.09	0.07	2.22	0.03	0.03	0.07	0.25	0.53	50.3	59	184
Cd	pm25	0.11	0.08	0.09	1.75	0.05	0.05	0.10	0.30	0.50	49.5	58	181
Cr	pm10	2.13	0.92	2.01	1.35	1.80	1.80	1.80	4.17	7.08	50.3	163	184
Cu	pm10	2.31	4.38	1.66	2.07	0.45	0.45	1.80	4.35	58.00	50.3	30	184
Cu	pm25	1.36	0.91	1.10	1.95	0.45	0.45	1.30	2.89	6.00	49.5	55	181
Fe	pm10	82.30	90.22	57.18	2.22	27.20	27.20	27.20	58.05	217.70	653.00	50.3	87
Fe	pm25	43.10	36.67	35.86	1.69	27.20	27.20	27.20	106.82	272.30	49.5	136	181
Ni	pm10	2.66	4.10	1.71	2.38	0.55	0.55	1.73	6.12	41.72	50.3	47	184
Ni	pm25	2.24	2.23	1.53	2.38	0.55	0.55	1.60	7.73	15.97	50.0	62	183
Pb	pm10	3.25	2.60	2.54	2.02	0.20	0.90	2.50	8.00	20.00	50.3	2	184
Pb	pm25	3.06	2.21	2.48	1.91	0.50	0.90	2.50	7.78	13.24	49.2	0	180
Zn	pm10	23.50	10.66	20.88	1.67	10.00	10.00	25.40	39.90	59.90	50.3	55	184
Zn	pm25	23.49	9.88	21.19	1.62	10.00	10.00	25.40	39.91	65.31	49.5	47	181

SK0002R Chopok

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.24	0.18	0.19	2.02	0.03	0.05	0.18	0.55	1.08	99.7	0	53
Cd	aerosol	0.04	0.04	0.02	2.54	0.01	0.01	0.02	0.12	0.14	99.7	0	53
Cr	aerosol	0.65	0.97	0.43	2.78	0.01	0.02	0.49	2.19	6.96	99.7	2	53
Cu	aerosol	0.91	1.19	0.50	2.88	0.09	0.10	0.49	4.19	5.09	99.7	0	53
Ni	aerosol	0.38	0.38	0.30	1.91	0.05	0.11	0.31	1.39	2.07	99.7	0	53
Pb	aerosol	1.35	1.22	0.79	3.57	0.00	0.17	0.82	3.77	3.98	99.7	1	53
Zn	aerosol	3.56	3.41	2.57	2.20	0.65	0.87	2.32	10.44	20.30	99.7	0	53

SK0004R Stará Lesná

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.61	0.35	0.57	1.60	0.15	0.29	0.56	1.50	1.89	99.7	0	50
Cd	pm10	0.18	0.11	0.16	1.85	0.04	0.05	0.17	0.39	0.62	99.7	0	50
Cr	pm10	0.46	0.25	0.39	1.88	0.03	0.15	0.42	1.08	1.37	99.7	1	50
Cu	pm10	1.95	1.21	1.68	1.81	0.35	0.57	1.65	4.62	5.98	97.8	0	49
Ni	pm10	0.40	0.18	0.37	1.56	0.09	0.18	0.40	0.82	1.03	99.7	0	50
Pb	pm10	5.74	3.77	5.26	1.74	1.60	2.14	5.55	16.35	20.04	99.7	0	50
Zn	pm10	13.20	9.34	11.80	1.81	3.37	4.49	12.12	38.41	45.56	99.7	0	50

SK0006R Starina

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.56	0.23	0.52	1.46	0.25	0.28	0.50	1.18	1.30	99.7	0	53
Cd	pm10	0.18	0.09	0.16	1.65	0.04	0.07	0.16	0.41	0.49	99.7	0	53
Cr	pm10	0.62	0.47	0.41	3.08	0.03	0.03	0.52	1.64	2.52	99.7	5	53
Cu	pm10	1.38	0.61	1.26	1.56	0.36	0.48	1.23	2.79	3.38	99.7	0	53
Ni	pm10	0.50	0.25	0.41	2.07	0.01	0.12	0.48	1.02	1.16	99.7	1	53
Pb	pm10	5.21	2.10	4.88	1.51	1.56	2.18	5.09	8.88	13.18	99.7	0	53
Zn	pm10	10.13	4.97	9.33	1.53	2.90	4.75	9.32	21.34	32.06	99.7	0	53

SK0007R Topolníky

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	1.06	0.83	0.90	1.73	0.34	0.41	0.89	2.87	5.25	98.4	0	51
Cd	pm10	0.23	0.14	0.20	1.85	0.05	0.06	0.19	0.51	0.64	98.4	0	51
Cr	pm10	0.81	0.38	0.69	2.11	0.03	0.10	0.79	1.53	1.59	98.4	1	51
Cu	pm10	3.08	1.25	2.89	1.50	0.75	1.58	3.05	4.74	8.50	98.4	0	51
Ni	pm10	0.68	0.29	0.61	1.83	0.03	0.24	0.66	1.14	1.54	98.4	0	51
Pb	pm10	9.36	5.08	7.76	2.16	0.18	2.36	8.76	19.83	25.72	98.4	0	51
Zn	pm10	17.53	11.18	15.11	1.77	4.89	6.21	15.66	44.97	59.07	98.4	0	51

Annex 3

Annual statistics for POPs in precipitation

BE0014R Koksijde

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
PCB_101	precip	2.000	2.000	2.000	1879.5	100.0	13	13
PCB_118	precip	1.000	1.000	1.000	939.8	100.0	13	13
PCB_138	precip	1.000	1.000	1.000	939.8	100.0	13	13
PCB_153	precip	1.000	1.000	1.000	939.8	100.0	13	13
PCB_180	precip	1.000	1.000	1.000	939.8	100.0	13	13
PCB_28	precip	3.000	3.000	3.000	2819.3	100.0	13	13
PCB_52	precip	3.000	3.000	3.000	2819.3	100.0	13	13
alpha_HCH	precip	0.65	0.65	0.65	610.9	100.0	13	13
beta_HCH	precip	0.40	0.40	0.40	375.9	100.0	13	13
dieldrin	precip	0.40	0.40	0.40	375.9	100.0	13	13
endrin	precip	1.10	1.10	1.10	1033.7	100.0	13	13
gamma_HCH	precip	0.97	0.40	2.79	911.9	100.0	6	13
heptachlor	precip	2.00	2.00	2.00	1879.5	100.0	13	13
op_DDD	precip	1.00	1.00	1.00	939.8	100.0	13	13
op_DDE	precip	2.00	2.00	2.00	1879.5	100.0	13	13
op_DDT	precip	2.00	2.00	2.00	1879.5	100.0	13	13
pp_DDD	precip	1.00	1.00	1.00	939.8	100.0	13	13
pp_DDE	precip	1.35	1.35	1.35	1268.7	100.0	13	13
pp_DDT	precip	1.00	1.00	1.00	939.8	100.0	13	13

CZ0003R Kosetice

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
PCB_101	precip	0.067	0.050	2.600	44.2	100.0	116	128
PCB_118	precip	0.050	0.050	0.300	33.0	100.0	127	128
PCB_138	precip	0.054	0.050	1.600	35.5	100.0	123	128
PCB_153	precip	0.058	0.050	2.700	37.7	100.0	115	128
PCB_180	precip	0.051	0.050	0.700	33.4	100.0	127	128
PCB_28	precip	0.166	0.050	1.000	109.0	100.0	23	128
PCB_52	precip	0.207	0.050	1.300	135.7	100.0	18	128
acenaphthene	precip	0.36	0.05	1.90	237.8	100.0	28	128
acenaphthylene	precip	0.80	0.05	11.90	523.0	100.0	73	128
alpha_HCH	precip	0.41	0.05	12.40	272.2	100.0	80	128
benzo_a_anthracene	precip	1.09	0.05	52.30	713.9	100.0	67	128
benzo_a_pyrene	precip	0.867	0.050	45.800	567.9	100.0	49	128
benzo_b_fluoranthene	precip	2.11	0.05	85.10	1381.0	100.0	29	128
benzo_k_fluoranthene	precip	1.35	0.05	42.80	884.6	100.0	41	128
chrysene	precip	4.23	0.05	111.60	2770.9	100.0	18	128
dibenzo_ah_anthracene	precip	0.16	0.05	7.40	103.8	100.0	105	128
fluorene	precip	2.19	0.10	17.90	1432.0	100.0	1	128
gamma_HCH	precip	0.49	0.05	2.70	321.7	100.0	33	128
inden_123cd_pyrene	precip	1.31	0.05	45.80	860.0	100.0	44	128
phenanthrene	precip	11.87	0.05	117.80	7781.3	100.0	1	128
pp_DDD	precip	0.06	0.05	0.80	36.2	100.0	116	128
pp_DDE	precip	0.08	0.05	2.60	54.0	100.0	61	128
pp_DDT	precip	0.09	0.05	3.30	60.3	100.0	57	128
pyrene	precip	7.57	0.05	160.00	4963.2	100.0	5	128

DE0001R Westerland

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
HCB	precip	0.05	0.02	0.14	38.7	100.0	0	12
PCB_101	precip	0.118	0.015	1.039	92.6	100.0	0	12
PCB_118	precip	0.053	0.011	0.494	41.8	100.0	0	12
PCB_138	precip	0.197	0.021	1.892	154.3	100.0	0	12
PCB_153	precip	0.214	0.020	2.104	167.5	100.0	0	12
PCB_180	precip	0.056	0.005	0.552	43.5	100.0	0	12
PCB_28	precip	0.208	0.013	0.872	162.5	100.0	0	12
PCB_52	precip	0.097	0.009	0.472	76.0	100.0	0	12
alpha_HCH	precip	0.16	0.09	0.29	125.6	100.0	0	12
anthracene	precip	0.90	0.16	5.85	703.7	100.0	0	12
benz_a_anthracene	precip	2.94	0.40	11.50	2299.3	100.0	0	12
benzo_a_pyrene	precip	2.673	0.300	12.500	2090.3	100.0	0	12
benzo_ghi_perylene	precip	3.70	0.23	15.06	2892.0	100.0	0	12
dibenzo_ah_anthracene	precip	0.76	0.04	3.47	592.5	100.0	0	12
dieldrin	precip	0.09	0.04	0.13	68.0	100.0	0	12
endrin	precip	0.02	0.01	0.05	14.9	100.0	0	12
fluoranthene	precip	15.89	4.70	71.70	12428.3	100.0	0	12
gamma_HCH	precip	0.76	0.32	1.73	591.3	100.0	0	12
heptachlor	precip	0.01	0.00	0.02	5.3	100.0	0	12
inden_123cd_pyrene	precip	3.94	0.19	17.25	3077.9	100.0	0	12
op_DDD	precip	0.01	0.00	0.07	7.1	100.0	0	12
op_DDE	precip	0.01	0.00	0.09	6.3	100.0	0	12
op_DDT	precip	0.01	0.00	0.08	8.2	100.0	0	12
phenanthrene	precip	16.04	0.30	62.20	12537.9	100.0	0	12
pp_DDD	precip	0.01	0.00	0.10	11.7	100.0	0	12
pp_DDE	precip	0.03	0.01	0.46	25.7	100.0	0	12
pp_DDT	precip	0.05	0.01	0.34	36.4	100.0	0	12
pyrene	precip	10.28	1.20	42.70	8040.8	100.0	0	12

DE0003R Schauinsland

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
HCB	precip	0.07	0.01	0.14	100.1	100.0	0	12
PCB_101	precip	0.116	0.019	0.306	168.0	100.0	0	12
PCB_118	precip	0.038	0.009	0.116	55.0	100.0	0	12
PCB_138	precip	0.085	0.030	0.171	123.6	100.0	0	12
PCB_153	precip	0.082	0.026	0.187	119.3	100.0	0	12
PCB_180	precip	0.026	0.008	0.057	37.1	100.0	0	12
PCB_28	precip	0.138	0.039	0.367	200.0	95.3	0	11
PCB_52	precip	0.080	0.013	0.321	116.4	95.3	0	11
alpha_HCH	precip	0.17	0.09	0.33	249.6	100.0	0	12
anthracene	precip	0.70	0.16	2.43	1022.7	100.0	0	12
benz_a_anthracene	precip	2.60	0.10	7.00	3782.1	100.0	0	12
benzo_a_pyrene	precip	2.628	0.400	6.500	3816.7	100.0	0	12
benzo_bjk_fluoranthenes	precip	12.76	0.90	36.00	18539.5	100.0	0	12
benzo_ghi_perylene	precip	4.08	0.30	12.08	5929.4	100.0	0	12
dibenzo_ah_anthracene	precip	0.70	0.04	2.39	1018.7	100.0	0	12
dieldrin	precip	0.09	0.06	0.22	135.2	100.0	0	12
endrin	precip	0.01	0.00	0.08	21.9	100.0	0	12
fluoranthene	precip	16.59	4.40	37.60	24104.9	100.0	0	12
gamma_HCH	precip	1.53	0.71	3.39	2220.3	100.0	0	12
heptachlor	precip	0.01	0.00	0.03	7.7	100.0	0	12
inden_123cd_pyrene	precip	4.11	0.26	12.95	5968.6	100.0	0	12
op_DDD	precip	0.00	0.00	0.02	6.0	100.0	0	12
op_DDE	precip	0.01	0.00	0.01	6.5	100.0	0	12
op_DDT	precip	0.01	0.01	0.03	16.7	100.0	0	12
phenanthrene	precip	19.38	6.00	40.00	28152.8	100.0	0	12
pp_DDD	precip	0.01	0.00	0.03	12.8	100.0	0	12
pp_DDE	precip	0.03	0.01	0.05	37.4	100.0	0	12
pp_DDT	precip	0.04	0.02	0.13	58.6	100.0	0	12
pyrene	precip	12.10	3.10	27.70	17576.8	100.0	0	12

DE0008R Schmücke

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
HCB	precip	0.04	0.02	0.06	48.1	86.5	0	11
PCB_101	precip	0.112	0.012	0.496	153.6	86.5	0	11
PCB_118	precip	0.033	0.005	0.131	45.0	86.5	0	11
PCB_138	precip	0.123	0.036	0.523	169.5	86.5	0	11
PCB_153	precip	0.130	0.027	0.568	178.4	86.5	0	11
PCB_180	precip	0.040	0.019	0.125	55.3	86.5	0	11
PCB_28	precip	0.097	0.031	0.224	132.7	86.5	0	11
PCB_52	precip	0.040	0.011	0.104	55.3	86.5	0	11
alpha_HCH	precip	0.22	0.07	0.42	302.1	86.5	0	11
anthracene	precip	0.95	0.33	3.60	1309.8	86.5	0	11
benz_a_anthracene	precip	5.92	0.57	24.64	8134.4	86.5	0	11
benzo_a_pyrene	precip	5.731	0.900	21.800	7876.5	86.5	0	11
benzo_bjk_fluoranthenes	precip	27.41	2.30	92.70	37666.7	86.5	0	11
benzo_ghi_perylene	precip	10.06	0.90	35.80	13825.9	86.5	0	11
chrysene_triphenylene	precip	18.99	1.70	67.00	26103.7	86.5	0	11
dibenzo_ah_anthracene	precip	1.60	0.05	5.87	2203.9	86.5	0	11
dieldrin	precip	0.07	0.05	0.10	103.4	86.5	0	11
endrin	precip	0.01	0.01	0.04	20.7	86.5	0	11
fluoranthene	precip	33.47	4.00	105.60	46004.3	86.5	0	11
gamma_HCH	precip	0.88	0.30	1.71	1210.9	86.5	0	11
heptachlor	precip	0.01	0.00	0.01	7.0	86.5	0	11
inden_123cd_pyrene	precip	10.57	0.90	41.00	14528.5	86.5	0	11
op_DDD	precip	0.01	0.00	0.02	7.4	86.5	0	11
op_DDE	precip	0.00	0.00	0.01	5.2	86.5	0	11
op_DDT	precip	0.02	0.01	0.05	25.4	86.5	0	11
phenanthrene	precip	28.69	7.00	59.00	39426.7	86.5	0	11
pp_DDD	precip	0.01	0.01	0.05	20.9	86.5	0	11
pp_DDE	precip	0.04	0.01	0.13	62.0	86.5	0	11
pp_DDT	precip	0.08	0.05	0.27	112.3	86.5	0	11
pyrene	precip	24.01	3.80	83.00	32999.3	86.5	0	11

DE0009R Zingst

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
HCB	precip	0.34	0.03	2.12	183.8	100.0	0	12
PCB_101	precip	0.200	0.024	2.960	109.2	100.0	0	12
PCB_118	precip	0.075	0.010	1.408	41.1	100.0	0	12
PCB_138	precip	0.320	0.019	5.394	175.0	100.0	0	12
PCB_153	precip	0.329	0.018	5.995	179.8	100.0	0	12
PCB_180	precip	0.090	0.008	1.573	49.4	100.0	0	12
PCB_28	precip	0.208	0.080	1.846	113.9	100.0	0	12
PCB_52	precip	0.077	0.018	0.693	42.2	100.0	0	12
alpha_HCH	precip	0.18	0.13	0.26	99.8	100.0	0	12
anthracene	precip	0.91	0.15	2.58	497.2	100.0	0	12
benzo_a_anthracene	precip	6.55	0.60	21.70	3583.6	100.0	0	12
benzo_a_pyrene	precip	4.235	0.900	14.500	2314.9	100.0	0	12
benzo_ghi_perylene	precip	5.28	0.80	20.80	2885.8	100.0	0	12
dibenzo_ah_anthracene	precip	1.11	0.10	4.06	605.8	100.0	0	12
dieldrin	precip	0.05	0.03	0.13	26.2	100.0	0	12
endrin	precip	0.04	0.01	0.16	19.7	100.0	0	12
fluoranthene	precip	24.93	4.20	84.10	13628.3	100.0	0	12
gamma_HCH	precip	0.97	0.56	4.26	529.4	100.0	0	12
heptachlor	precip	0.01	0.00	0.07	7.2	100.0	0	12
inden_123cd_pyrene	precip	5.80	0.80	21.70	3169.0	100.0	0	12
op_DDD	precip	0.02	0.00	0.20	9.4	100.0	0	12
op_DDE	precip	0.01	0.00	0.17	7.8	100.0	0	12
op_DDT	precip	0.05	0.02	0.12	27.7	100.0	0	12
phenanthrene	precip	20.16	4.90	59.10	11018.7	100.0	0	12
pp_DDD	precip	0.04	0.01	0.41	24.0	100.0	0	12
pp_DDE	precip	0.08	0.02	0.49	43.4	100.0	0	12
pp_DDT	precip	0.25	0.08	0.69	139.0	100.0	0	12
pyrene	precip	18.91	4.00	62.10	10335.8	100.0	0	12

ES0001R San Pablo de los Montes

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
acenaphthene	precip+dry_dep	1.27	1.27	1.27	1.3	15.1	0	1
acenaphthylene	precip+dry_dep	0.71	0.71	0.71	0.7	15.1	0	1
anthracene	precip+dry_dep	0.48	0.48	0.48	0.5	15.1	0	1
benzo_a anthracene	precip+dry_dep	0.17	0.17	0.17	0.2	15.1	0	1
benzo_a pyrene	precip+dry_dep	0.781	0.781	0.781	0.8	15.1	0	1
benzo_b fluoranthene	precip+dry_dep	0.14	0.14	0.14	0.1	15.1	0	1
benzo_ghi perylene	precip+dry_dep	0.17	0.17	0.17	0.2	15.1	0	1
benzo_k fluoranthene	precip+dry_dep	0.27	0.27	0.27	0.3	15.1	0	1
chrysene	precip+dry_dep	0.28	0.28	0.28	0.3	15.1	0	1
dibenzo_ah anthracene	precip+dry_dep	0.40	0.40	0.40	0.4	15.1	0	1
fluoranthene	precip+dry_dep	0.53	0.53	0.53	0.5	15.1	0	1
fluorene	precip+dry_dep	0.45	0.45	0.45	0.5	15.1	0	1
inden_123cd pyrene	precip+dry_dep	0.34	0.34	0.34	0.3	15.1	0	1
phenanthrene	precip+dry_dep	1.27	1.27	1.27	1.3	15.1	0	1
pyrene	precip+dry_dep	0.53	0.53	0.53	0.5	15.1	0	1

ES0007R Viznar

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
acenaphthene	precip+dry_dep	1.07	1.07	1.07	1.1	15.3	0	1
acenaphthylene	precip+dry_dep	1.08	1.08	1.08	1.1	15.3	0	1
anthracene	precip+dry_dep	0.12	0.12	0.12	0.1	15.3	0	1
benzo_a anthracene	precip+dry_dep	0.28	0.28	0.28	0.3	15.3	0	1
benzo_a pyrene	precip+dry_dep	0.423	0.423	0.423	0.4	15.3	0	1
benzo_b fluoranthene	precip+dry_dep	0.02	0.02	0.02	0.0	15.3	0	1
benzo_ghi perylene	precip+dry_dep	0.25	0.25	0.25	0.2	15.3	0	1
benzo_k fluoranthene	precip+dry_dep	0.39	0.39	0.39	0.4	15.3	0	1
chrysene	precip+dry_dep	0.31	0.31	0.31	0.3	15.3	0	1
dibenzo_ah anthracene	precip+dry_dep	0.43	0.43	0.43	0.4	15.3	0	1
fluoranthene	precip+dry_dep	0.59	0.59	0.59	0.6	15.3	0	1
fluorene	precip+dry_dep	0.36	0.36	0.36	0.4	15.3	0	1
inden_123cd pyrene	precip+dry_dep	0.52	0.52	0.52	0.5	15.3	0	1
phenanthrene	precip+dry_dep	1.15	1.15	1.15	1.1	15.3	0	1
pyrene	precip+dry_dep	0.59	0.59	0.59	0.6	15.3	0	1

ES0008R Niembro

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
acenaphthene	precip+dry_dep	5.02	5.02	5.02	5.0	16.2	0	1
acenaphthylene	precip+dry_dep	4.28	4.28	4.28	4.3	16.2	0	1
anthracene	precip+dry_dep	0.56	0.56	0.56	0.6	16.2	0	1
benzo_a anthracene	precip+dry_dep	1.06	1.06	1.06	1.1	16.2	0	1
benzo_a pyrene	precip+dry_dep	1.895	1.895	1.895	1.9	16.2	0	1
benzo_b fluoranthene	precip+dry_dep	0.02	0.02	0.02	0.0	16.2	0	1
benzo_ghi perylene	precip+dry_dep	0.96	0.96	0.96	1.0	16.2	0	1
benzo_k fluoranthene	precip+dry_dep	1.51	1.51	1.51	1.5	16.2	0	1
chrysene	precip+dry_dep	1.32	1.32	1.32	1.3	16.2	0	1
dibenzo_ah anthracene	precip+dry_dep	1.83	1.83	1.83	1.8	16.2	0	1
fluoranthene	precip+dry_dep	3.02	3.02	3.02	3.0	16.2	0	1
fluorene	precip+dry_dep	2.12	2.12	2.12	2.1	16.2	0	1
inden_123cd pyrene	precip+dry_dep	2.13	2.13	2.13	2.1	16.2	0	1
phenanthrene	precip+dry_dep	4.90	4.90	4.90	4.9	16.2	0	1
pyrene	precip+dry_dep	2.68	2.68	2.68	2.7	16.2	0	1

ES0014R Els Torms

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
acenaphthene	precip+dry_dep	70.80	70.80	70.80	70.8	15.1	0	1
acenaphthylene	precip+dry_dep	72.40	72.40	72.40	72.4	15.1	0	1
anthracene	precip+dry_dep	92.20	92.20	92.20	92.2	15.1	0	1
benzo_a anthracene	precip+dry_dep	0.01	0.01	0.01	0.0	15.1	1	1
benzo_a pyrene	precip+dry_dep	0.006	0.006	0.006	0.0	15.1	1	1
benzo_b fluoranthene	precip+dry_dep	0.01	0.01	0.01	0.0	15.1	1	1
benzo_ghi perylene	precip+dry_dep	0.01	0.01	0.01	0.0	15.1	1	1
benzo_k fluoranthene	precip+dry_dep	0.00	0.00	0.00	0.0	15.1	1	1
chrysene	precip+dry_dep	0.01	0.01	0.01	0.0	15.1	1	1
dibenzo_ah anthracene	precip+dry_dep	0.01	0.01	0.01	0.0	15.1	1	1
fluoranthene	precip+dry_dep	0.01	0.01	0.01	0.0	15.1	1	1
fluorene	precip+dry_dep	0.00	0.00	0.00	0.0	15.1	1	1
inden_123cd pyrene	precip+dry_dep	0.01	0.01	0.01	0.0	15.1	1	1
phenanthrene	precip+dry_dep	0.00	0.00	0.00	0.0	15.1	1	1
pyrene	precip+dry_dep	0.00	0.00	0.00	0.0	15.1	1	1

FI0096G Pallas (Sammaltunturi)

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
PCB_101	precip+dry_dep	0.037	0.010	0.250	0.5	93.1	0	12
PCB_118	precip+dry_dep	0.018	0.005	0.110	0.2	93.1	1	12
PCB_138	precip+dry_dep	0.024	0.010	0.090	0.3	93.1	0	12
PCB_153	precip+dry_dep	0.028	0.010	0.140	0.4	93.1	0	12
PCB_180	precip+dry_dep	0.012	0.000	0.040	0.2	93.1	0	12
PCB_28	precip+dry_dep	0.024	0.005	0.140	0.3	93.1	8	12
PCB_52	precip+dry_dep	0.053	0.005	0.190	0.6	93.1	4	12
alpha_HCH	precip+dry_dep	0.07	0.00	0.20	0.8	93.1	0	12
gamma_HCH	precip+dry_dep	0.06	0.01	0.18	0.7	93.1	0	12

IS0091R Storhofdi

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
HCb	precip	0.01	0.00	0.06	8.0	93.8	3	23
PCB_101	precip	0.005	0.001	0.026	4.4	100.0	20	24
PCB_105	precip	0.00	0.00	0.03	2.6	100.0	22	24
PCB_118	precip	0.003	0.001	0.025	2.9	100.0	22	24
PCB_138	precip	0.010	0.001	0.053	8.4	100.0	18	24
PCB_153	precip	0.011	0.001	0.048	9.5	100.0	12	24
PCB_156	precip	0.00	0.00	0.03	2.7	100.0	22	24
PCB_180	precip	0.005	0.001	0.042	4.0	100.0	24	24
PCB_28	precip	0.013	0.003	0.161	11.1	100.0	21	24
PCB_31	precip	0.009	0.002	0.111	7.4	100.0	21	24
PCB_52	precip	0.004	0.001	0.061	3.4	100.0	23	24
alpha_HCH	precip	0.04	0.02	0.14	35.3	100.0	0	24
beta_HCH	precip	0.00	0.00	0.03	3.1	100.0	20	24
cis_CD	precip	0.00	0.00	0.03	2.4	100.0	24	24
dieldrin	precip	0.02	0.00	0.07	14.3	100.0	2	24
gamma_HCH	precip	0.02	0.01	0.15	16.9	100.0	2	24
op_DDT	precip	0.00	0.00	0.03	2.4	100.0	24	24
pp_DDD	precip	0.00	0.00	0.03	2.5	100.0	24	24
pp_DDE	precip	0.00	0.00	0.03	2.6	100.0	22	24
pp_DDT	precip	0.01	0.00	0.05	4.1	100.0	24	24
trans_CD	precip	0.00	0.00	0.03	2.4	100.0	24	24
trans_NO	precip	0.00	0.00	0.03	2.5	100.0	23	24

NL0091R De Zilk

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
gamma_HCH	precip	2.59	1.00	6.00	1871.3	100.0	0	12

NO0001R Birkenes

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
HCb	precip	0.06	0.01	0.78	113.6	100.0	0	56
PCB_101	precip	0.007	0.000	0.031	13.1	100.0	2	56
PCB_118	precip	0.006	0.002	0.023	10.6	100.0	3	56
PCB_138	precip	0.009	0.001	0.037	16.2	100.0	2	56
PCB_153	precip	0.010	0.001	0.040	18.5	100.0	1	56
PCB_180	precip	0.010	0.000	0.063	17.3	100.0	10	56
PCB_28	precip	0.012	0.003	0.094	21.9	100.0	1	56
PCB_52	precip	0.009	0.003	0.041	16.9	100.0	1	56
PCB_99	precip	0.00	0.00	0.02	4.3	100.0	7	56
alpha_HCH	precip	0.15	0.04	0.28	264.3	100.0	0	56
gamma_HCH	precip	0.32	0.08	1.41	583.0	100.0	0	56
sum_PCB	precip	0.06	0.02	0.18	114.3	100.0	0	56

PL0005R Diabla Gora

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
benz_a anthracene	precip	11.98	1.80	62.40	6705.8	100.0	0	12
benzo_a pyrene	precip	19.187	1.000	91.500	10739.0	100.0	0	12
benzo_b fluoranthene	precip	31.03	5.50	155.20	17366.1	100.0	0	12
benzo_k fluoranthene	precip	13.04	2.40	77.80	7301.1	100.0	0	12
dibenzo_ah anthracene	precip	9.92	0.00	50.70	5552.7	100.0	0	12
inden_123cd pyrene	precip	28.24	2.60	165.40	15807.7	100.0	0	12

SE0012R Aspveten

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
PCB_101	precip+dry_dep	0.026	0.010	0.040	0.3	91.2	0	11
PCB_118	precip+dry_dep	0.019	0.010	0.040	0.2	91.2	0	11
PCB_138	precip+dry_dep	0.039	0.020	0.060	0.4	91.2	0	11
PCB_153	precip+dry_dep	0.037	0.010	0.060	0.4	91.2	0	11
PCB_180	precip+dry_dep	0.027	0.010	0.050	0.3	91.2	0	11
PCB_28	precip+dry_dep	0.005	0.005	0.005	0.1	91.2	11	11
PCB_52	precip+dry_dep	0.046	0.005	0.120	0.5	91.2	1	11
alpha_HCH	precip+dry_dep	0.07	0.00	0.29	0.7	91.2	0	11
gamma_HCH	precip+dry_dep	0.17	0.00	0.63	1.9	91.2	0	11

SE0014R R  

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
PCB_101	precip+dry_dep	0.099	0.030	0.190	1.1	91.4	0	11
PCB_118	precip+dry_dep	0.076	0.020	0.120	0.8	91.4	0	11
PCB_138	precip+dry_dep	0.274	0.090	0.620	3.0	91.4	0	11
PCB_153	precip+dry_dep	0.261	0.080	0.560	2.9	91.4	0	11
PCB_180	precip+dry_dep	0.204	0.090	0.470	2.2	91.4	0	11
PCB_28	precip+dry_dep	0.005	0.005	0.005	0.1	91.4	11	11
PCB_52	precip+dry_dep	0.299	0.050	0.550	3.3	91.4	0	11
alpha_HCH	precip+dry_dep	0.11	0.00	0.25	1.2	91.4	0	11
gamma_HCH	precip+dry_dep	0.35	0.00	0.84	3.8	91.4	0	11

SI0008R Iskrba

January 2009 - December 2009

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl		
benz_a_anthracene	precip+dry_dep			0.03	0.00	0.23	1.6	96.2	0	51
benzo_a_pyrene	precip+dry_dep			0.037	0.003	0.218	1.9	96.2	0	51
benzo_bjk_fluoranthenes	precip+dry_dep			0.17	0.00	1.75	8.5	96.2	0	51
dibenzo_ah_anthracene	precip+dry_dep			0.02	0.00	0.07	0.9	96.2	0	51
inden_123cd_pyrene	precip+dry_dep			0.08	0.00	0.49	3.8	96.2	0	51

Annex 4

Annual statistics for POPs in air

DE0003R Schauinsland

January 2009 - December 2009

Table with 14 columns: Component, matrix, Arit mean, Arit sd, Geom mean, Geom sd, Min, 5%, 50%, 95%, Max, %, Num bel, Num sampl. Rows include HCB, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180, PCB 28, PCB 52, alpha_HCH, anthracene, benz_a_anthracene, benzo_a_pyrene, benzo_bjk_fluoranthenes, benzo_ghi_perylene, chrysene, dibenzo_ah_anthracene, dieldrin, endrin, fluoanthene, gamma_HCH, heptaChlor, inden_123cd_pyrene, op_DDD, op_DDE, op_DDT, phenanthrene, pp_DDD, pp_DDE, pp_DDT, pyrene.

DE0008R Schmücke

January 2009 - December 2009

Table with 14 columns: Component, matrix, Arit mean, Arit sd, Geom mean, Geom sd, Min, 5%, 50%, 95%, Max, %, Num bel, Num sampl. Rows include HCB, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180, PCB 28, PCB 52, alpha_HCH, anthracene, benz_a_anthracene, benzo_a_pyrene, benzo_bjk_fluoranthenes, benzo_ghi_perylene, chrysene, dibenzo_ah_anthracene, dieldrin, endrin, fluoanthene, gamma_HCH, heptaChlor, inden_123cd_pyrene, op_DDD, op_DDE, op_DDT, phenanthrene, pp_DDD, pp_DDE, pp_DDT, pyrene.

DE0009R Zingst

January 2009 - December 2009

Table with 14 columns: Component, matrix, Arit mean, Arit sd, Geom mean, Geom sd, Min, 5%, 50%, 95%, Max, %, Num bel, Num sampl. Rows include HCB, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180, PCB 28, PCB 52, alpha_HCH, anthracene, benz_a_anthracene, benzo_a_pyrene, benzo_ghi_perylene, dibenzo_ah_anthracene, dieldrin, endrin, fluoanthene, heptaChlor, inden_123cd_pyrene, op_DDD, op_DDE, op_DDT, phenanthrene, pp_DDD, pp_DDE, pp_DDT, pyrene.

FI0096G Pallas (Sammaltunturi)

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
HCB	air+aerosol	19.22	5.91	18.88	1.38	10.00	10.00	20.50	28.00	28.00	93.1	0	12
PCB_101	air+aerosol	0.467	0.188	0.420	1.453	0.280	0.280	0.400	0.910	0.910	93.1	0	12
PCB_118	air+aerosol	0.173	0.063	0.158	1.427	0.100	0.100	0.150	0.300	0.300	93.1	0	12
PCB_138	air+aerosol	0.139	0.053	0.124	1.498	0.050	0.050	0.120	0.250	0.250	93.1	0	12
PCB_153	air+aerosol	0.175	0.064	0.160	1.469	0.070	0.070	0.145	0.300	0.300	93.1	0	12
PCB_180	air+aerosol	0.034	0.009	0.032	1.294	0.021	0.021	0.031	0.051	0.051	93.1	0	12
PCB_28	air+aerosol	1.059	0.302	0.998	1.317	0.670	0.670	0.975	1.700	1.700	93.1	0	12
PCB_52	air+aerosol	1.040	0.404	0.965	1.399	0.610	0.610	0.945	2.100	2.100	93.1	0	12
alpha_HCH	air+aerosol	3.82	0.97	3.63	1.32	2.00	2.00	4.00	5.00	5.00	93.1	0	12
gamma_HCH	air+aerosol	1.19	0.39	1.12	1.31	1.00	1.00	1.00	2.00	2.00	93.1	0	12
pp_DDD	air+aerosol	0.27	0.34	0.10	4.66	0.01	0.01	0.06	0.95	0.95	93.1	0	12
pp_DDE	air+aerosol	0.44	0.32	0.38	1.83	0.18	0.18	0.28	1.20	1.20	93.1	0	12
pp_DDT	air+aerosol	0.09	0.02	0.09	1.31	0.05	0.05	0.09	0.12	0.12	93.1	0	12

GB0014R High Muffles

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
PCB_118	air+aerosol	3.469	4.472	0.897	5.112	0.230	0.230	0.589	9.200	9.200	75.3	1	4
PCB_138	air+aerosol	3.317	4.515	0.705	5.705	0.226	0.226	0.364	9.160	9.160	74.9	1	4
PCB_180	air+aerosol	1.223	1.097	0.251	10.075	0.020	0.020	0.788	2.080	2.080	74.9	1	4
PCB_52	air+aerosol	13.581	14.825	3.735	5.983	0.829	0.829	4.759	31.212	31.212	75.3	1	4

IS0091R Storhofdi

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
HCB	air+aerosol	4.76	3.94	4.00	1.74	1.35	1.49	3.92	18.03	21.76	99.6	0	24
PCB_101	air+aerosol	1.932	1.066	1.676	1.700	0.717	0.731	1.550	4.143	4.177	99.6	0	24
PCB_105	air+aerosol	0.05	0.00	0.05	1.06	0.05	0.05	0.05	0.06	0.06	99.6	24	24
PCB_118	air+aerosol	0.243	0.186	0.163	2.666	0.047	0.048	0.252	0.598	0.616	99.6	10	24
PCB_138	air+aerosol	0.087	0.081	0.069	1.798	0.047	0.047	0.055	0.306	0.308	99.6	21	24
PCB_153	air+aerosol	0.214	0.192	0.135	2.676	0.047	0.048	0.096	0.609	0.616	99.6	13	24
PCB_156	air+aerosol	0.05	0.00	0.05	1.06	0.05	0.05	0.05	0.06	0.06	99.6	24	24
PCB_180	air+aerosol	0.057	0.017	0.056	1.214	0.047	0.047	0.054	0.115	0.134	99.6	24	24
PCB_28	air+aerosol	2.721	0.998	2.535	1.478	0.989	1.082	2.504	4.538	4.551	99.6	0	24
PCB_31	air+aerosol	1.506	0.541	1.414	1.442	0.585	0.646	1.356	2.762	2.916	99.6	0	24
PCB_52	air+aerosol	3.490	1.649	3.134	1.583	1.466	1.488	2.959	6.835	6.885	99.6	0	24
alpha_HCH	air+aerosol	2.19	0.80	2.06	1.48	0.91	0.93	2.19	3.56	3.56	99.6	0	24
beta_HCH	air+aerosol	0.38	0.23	0.28	2.56	0.05	0.05	0.36	0.86	0.89	99.6	5	24
cis_CD	air+aerosol	0.46	0.12	0.43	1.62	0.05	0.12	0.47	0.61	0.62	99.6	1	24
dieIldrin	air+aerosol	0.73	0.28	0.65	1.86	0.05	0.14	0.69	1.28	1.30	99.6	1	24
gamma_HCH	air+aerosol	1.81	0.36	1.78	1.24	1.07	1.09	1.90	2.46	2.49	99.6	0	24
op_DDT	air+aerosol	0.05	0.00	0.05	1.06	0.05	0.05	0.05	0.06	0.06	99.6	24	24
pp_DDD	air+aerosol	0.05	0.00	0.05	1.06	0.05	0.05	0.05	0.06	0.06	99.6	24	24
pp_DDE	air+aerosol	0.12	0.10	0.09	2.11	0.04	0.05	0.06	0.32	0.33	99.6	16	24
pp_DDT	air+aerosol	0.05	0.00	0.05	1.06	0.05	0.05	0.05	0.06	0.06	99.6	24	24
trans_CD	air+aerosol	0.20	0.11	0.16	2.21	0.05	0.05	0.25	0.37	0.38	99.6	8	24
trans_NO	air+aerosol	0.36	0.10	0.33	1.58	0.05	0.10	0.36	0.51	0.51	99.6	1	24

LV0016R Zoseni

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
benzo_a_pyrene	pm10	0.250	0.352	0.120	3.492	0.035	0.035	0.112	1.015	1.712	86.6	20	46

NL0009R Kollumerwaard

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.04	0.07	0.01	3.98	0.00	0.00	0.01	0.27	0.33	49.0	0	179
benzo_a_pyrene	pm10	0.057	0.098	0.019	4.225	0.003	0.003	0.014	0.358	0.454	49.0	0	179
benzo_bjk_fluoranthenes	pm10	0.08	0.13	0.03	3.80	0.01	0.01	0.02	0.38	0.59	48.2	0	176
benzo_ghi_perylene	air+aerosol	0.10	0.14	0.04	4.02	0.01	0.01	0.03	0.49	0.60	47.7	0	174
chrysene	air+aerosol	0.09	0.15	0.03	4.43	0.00	0.00	0.03	0.48	0.69	49.0	0	179
dibenzo_ah_anthracene	pm10	0.01	0.02	0.01	3.81	0.00	0.00	0.00	0.07	0.07	49.0	0	179
inden_123cd_pyrene	pm10	0.09	0.13	0.03	4.08	0.00	0.00	0.02	0.41	0.60	48.2	0	176

NL0091R De Zilk

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
benzo_a_pyrene	pm10	0.095	0.200	0.028	4.282	0.003	0.004	0.024	0.571	1.078	49.6	0	181

PL0005R Diabla Gora

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.55	1.20	0.10	6.91	0.01	0.01	0.05	4.61	4.64	74.3	0	39
benzo_a_pyrene	pm10	0.944	1.725	0.193	6.917	0.016	0.019	0.090	6.231	7.002	74.3	0	39
benzo_b_fluoranthene	pm10	0.90	1.56	0.27	5.16	0.03	0.03	0.13	5.79	6.09	74.3	0	39
benzo_k_fluoranthene	pm10	0.39	0.68	0.11	5.33	0.01	0.01	0.05	2.53	2.59	74.3	0	39
dibenzo_ah_anthracene	pm10	0.14	0.21	0.05	4.37	0.01	0.01	0.03	0.63	0.80	74.3	0	39
inden_123cd_pyrene	pm10	0.71	1.25	0.27	4.07	0.03	0.04	0.16	3.48	6.43	74.3	0	39

SE0012R Aspvreten

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
HCB	air+aerosol	17.68	7.06	16.61	1.39	11.00	11.00	16.00	37.00	37.00	91.2	0	11
PCB_101	air+aerosol	1.040	0.595	0.896	1.801	0.410	0.410	0.940	2.300	2.300	91.2	0	11
PCB_118	air+aerosol	0.478	0.278	0.405	1.878	0.170	0.170	0.430	0.970	0.970	91.2	0	11
PCB_138	air+aerosol	0.523	0.253	0.448	1.847	0.190	0.190	0.460	1.100	1.100	91.2	0	11
PCB_153	air+aerosol	0.615	0.348	0.525	1.856	0.220	0.220	0.550	1.300	1.300	91.2	0	11
PCB_180	air+aerosol	0.167	0.090	0.150	1.670	0.070	0.070	0.170	0.330	0.330	91.2	0	11
PCB_28	air+aerosol	1.427	0.404	1.381	1.326	0.960	0.960	1.400	2.200	2.200	91.2	0	11
PCB_52	air+aerosol	1.739	0.732	1.603	1.554	0.830	0.830	1.800	3.200	3.200	91.2	0	11
alpha_HCH	air+aerosol	3.68	2.33	3.10	1.91	1.00	1.00	3.00	8.00	8.00	91.2	0	11
gamma_HCH	air+aerosol	3.17	1.99	2.58	2.04	1.00	1.00	3.00	7.00	7.00	91.2	0	11
pp_DDD	air+aerosol	0.16	0.12	0.12	2.37	0.03	0.03	0.11	0.41	0.41	91.2	0	11
pp_DDE	air+aerosol	1.81	0.71	1.73	1.39	1.10	1.10	1.60	3.60	3.60	91.2	0	11
pp_DDT	air+aerosol	0.37	0.22	0.29	2.30	0.04	0.04	0.41	0.78	0.78	91.2	0	11

SE0014R Råö

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
HCB	air+aerosol	14.70	7.33	13.40	1.62	8.00	8.00	14.00	30.00	30.00	91.4	0	11
PCB_101	air+aerosol	1.936	1.136	1.664	1.806	0.710	0.710	1.700	3.900	3.900	91.4	0	11
PCB_118	air+aerosol	0.772	0.482	0.646	1.925	0.240	0.240	0.630	1.600	1.600	91.4	0	11
PCB_138	air+aerosol	1.613	1.110	1.327	1.942	0.550	0.550	1.100	3.700	3.700	91.4	0	11
PCB_153	air+aerosol	1.830	1.217	1.517	1.926	0.610	0.610	1.400	4.100	4.100	91.4	0	11
PCB_180	air+aerosol	0.625	0.399	0.540	1.749	0.290	0.290	0.450	1.500	1.500	91.4	0	11
PCB_28	air+aerosol	1.565	0.350	1.536	1.258	1.000	1.000	1.500	2.100	2.100	91.4	0	11
PCB_52	air+aerosol	2.854	1.043	2.719	1.475	1.400	1.400	2.600	4.600	4.600	91.4	0	11
alpha_HCH	air+aerosol	3.40	1.36	3.62	1.24	0.00	0.00	3.00	5.00	5.00	91.4	0	11
gamma_HCH	air+aerosol	3.51	1.57	3.24	1.56	2.00	2.00	3.00	6.00	6.00	91.4	0	11
pp_DDD	air+aerosol	0.04	0.05	0.02	4.25	0.01	0.01	0.01	0.12	0.12	91.4	6	11
pp_DDE	air+aerosol	2.26	1.25	2.06	1.56	1.10	1.10	2.00	5.70	5.70	91.4	0	11
pp_DDT	air+aerosol	0.54	0.26	0.44	2.19	0.05	0.05	0.48	1.00	1.00	91.4	0	11

SI0008R Iskrba

January 2009 - December 2009

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.21	0.31	0.09	3.59	0.01	0.01	0.07	0.92	1.98	50.6	11	185
benzo_a_pyrene	pm10	0.230	0.302	0.111	3.493	0.009	0.009	0.088	0.950	2.038	50.6	13	185
benzo_bjk_fluoranthenes	pm10	0.65	0.79	0.38	2.74	0.07	0.09	0.35	2.48	5.54	50.6	0	185
dibenzo_ah_anthracene	pm10	0.06	0.06	0.04	3.17	0.01	0.01	0.06	0.20	0.35	50.6	70	185
inden_123cd_pyrene	pm10	0.42	0.63	0.14	5.19	0.01	0.01	0.12	1.95	3.08	50.6	20	185

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		2009	
		avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
FI0008R	aluminium	15	100	3	100	-	-	7	100	10	100	11	100	8	100	3	100	2	100	11	100	3	100	2	100	6	100
FI0017R	aluminium	174	100	70	100	843	100	36	100	-	-	55	100	29	100	28	100	31	100	5	100	32	100	169	100	47	98
FI0022R	aluminium	2	100	5	100	13	100	5	100	16	100	22	100	2	100	8	100	3	100	3	100	1	100	2	100	6	100
FI0036R	aluminium	5	100	3	100	47	100	18	100	8	100	8	100	5	100	8	100	2	100	5	100	1	100	2	100	5	100
FI0053R	aluminium	34	100	8	100	87	100	46	100	29	100	134	100	7	100	7	100	9	100	7	100	5	100	28	100	18	100
FI0092R	aluminium	4	100	11	100	24	100	31	100	77	100	9	100	6	100	9	100	7	100	-	-	3	100	6	100	11	100
FI0093R	aluminium	15	100	16	100	31	100	11	100	17	100	9	100	7	100	13	100	12	100	5	100	4	100	5	100	10	100
IE0001R	aluminium	25	100	25	100	25	100	25	100	25	100	25	100	25	100	25	100	25	100	25	100	25	100	25	100	25	100
IS0090R	aluminium	59	100	470	100	416	99	140	100	192	100	133	76	931	100	289	100	61	100	312	100	223	99	739	100	242	99
IS0091R	aluminium	22	100	28	72	87	69	41	100	2	96	3	99	303	97	125	100	31	100	53	59	279	97	-	-	68	86
DE0001R	antimony	0.052	100	0.074	100	0.076	100	0.071	100	0.075	100	0.038	100	0.051	100	0.076	100	0.029	98	0.039	100	0.06	100	0.058	100	0.057	100
DE0002R	antimony	0.051	99	0.061	100	0.08	100	0.214	98	0.124	100	0.069	100	0.05	100	0.119	99	0.054	95	0.054	100	0.047	100	0.042	100	0.068	100
DE0003R	antimony	0.039	100	0.074	100	0.057	100	0.226	100	0.113	100	0.069	100	0.058	100	0.11	100	0.073	100	0.049	100	0.046	100	0.036	100	0.066	100
DE0007R	antimony	0.109	97	0.089	96	0.076	99	0.084	88	0.107	100	0.05	100	0.08	100	0.083	100	0.049	100	0.052	100	0.067	100	0.072	100	0.069	100
DE0008R	antimony	0.106	100	0.119	100	0.11	100	0.192	100	0.085	100	0.064	100	0.084	100	0.156	97	0.075	100	0.094	100	0.063	100	0.076	100	0.092	100
DE0009R	antimony	0.083	71	0.099	99	0.053	100	0.131	100	0.114	100	0.041	100	0.045	100	0.037	94	0.03	100	0.049	100	0.051	100	0.055	100	0.059	99
BE0014R	arsenic	0.15	98	0.15	100	0.169	99	0.24	97	0.177	98	0.153	99	0.13	98	0.13	91	0.13	97	0.134	100	0.13	100	0.13	100	0.145	99
DE0001R	arsenic	0.07	100	0.098	100	0.075	100	0.105	100	0.103	100	0.039	100	0.046	100	0.073	100	0.087	98	0.073	100	0.073	100	0.072	100	0.074	100
DE0002R	arsenic	0.054	99	0.066	100	0.075	100	0.329	98	0.131	100	0.079	100	0.036	100	0.107	99	0.073	95	0.06	100	0.026	100	0.075	100	0.072	100
DE0003R	arsenic	0.067	100	0.05	100	0.046	100	0.18	100	0.12	100	0.045	100	0.056	100	0.074	100	0.06	100	0.053	100	0.038	100	0.032	100	0.057	100
DE0007R	arsenic	0.177	97	0.216	96	0.073	99	0.17	88	0.121	100	0.04	100	0.124	100	0.089	100	0.053	100	0.075	100	0.099	100	0.15	100	0.094	100
DE0008R	arsenic	0.075	100	0.077	100	0.077	100	0.181	100	0.089	100	0.047	100	0.054	100	0.108	97	0.121	100	0.066	100	0.055	100	0.064	100	0.078	100
DE0009R	arsenic	0.091	71	0.119	99	0.063	100	0.1	100	0.127	100	0.06	100	0.05	100	0.046	94	0.045	100	0.074	100	0.047	100	0.067	100	0.07	99
DK0008R	arsenic	0.435	100	0.239	100	0.845	100	0.194	100	0.39	100	0.265	100	0.276	100	0.302	100	0.19	100	0.19	100	0.492	100	0.595	100	0.389	100
DK0022R	arsenic	0.241	100	0.255	100	0.115	100	0.148	100	0.253	100	0.132	100	0.206	100	0.247	100	0.115	100	0.255	100	0.323	100	0.195	100	0.231	100
DK0031R	arsenic	0.253	100	0.157	100	0.205	100	0.123	100	0.164	100	0.105	100	0.156	100	0.173	100	0.1	100	0.195	100	0.319	100	0.24	100	0.205	100
EE0009R	arsenic	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100
ES0008R	arsenic	0.094	100	0.109	100	0.131	100	0.071	100	0.153	100	0.121	100	0.068	100	0.075	100	0.081	100	0.07	100	0.077	100	0.089	100	0.092	100
ES0009R	arsenic	0.181	100	0.14	100	0.31	100	0.144	100	0.26	100	0.16	100	-	-	0.05	100	0.089	100	0.038	100	0.046	100	0.025	100	0.094	100
FI0008R	arsenic	0.131	100	0.076	100	-	-	0.033	100	0.293	100	0.384	100	0.211	100	0.102	100	0.012	100	0.049	100	0.021	100	0.24	100	0.176	100
FI0017R	arsenic	0.314	100	0.549	100	1.61	100	0.194	100	-	-	0.104	100	0.055	100	0.06	100	0.089	100	0.028	100	0.114	100	0.364	100	0.126	98
FI0022R	arsenic	0.098	100	0.407	100	0.7	100	0.039	100	0.099	100	0.144	100	0.053	100	0.696	100	0.025	100	0.003	100	0.026	100	0.055	100	0.183	100
FI0036R	arsenic	0.087	100	0.07	100	0.242	100	0.12	100	0.064	100	0.062	100	0.102	100	0.04	100	0.084	100	0.013	100	0.003	100	0.009	100	0.055	100
FI0053R	arsenic	0.139	100	0.078	100	0.211	100	0.246	100	0.092	100	0.108	100	0.023	100	0.036	100	0.064	100	0.025	100	0.044	100	0.125	100	0.058	100
FI0092R	arsenic	0.054	100	0.148	100	0.071	100	0.189	100	0.25	100	0.052	100	0.029	100	0.03	100	0.044	100	-	-	0.019	100	0.055	100	0.056	100
FI0093R	arsenic	0.122	100	0.184	100	0.079	100	0.152	100	0.119	100	0.085	100	0.057	100	0.047	100	0.076	100	0.044	100	0.047	100	0.056	100	0.077	100
FR0009R	arsenic	0.076	100	0.077	100	0.087	100	0.077	100	0.085	100	0.100	100	0.057	100	0.070	100	0.138	100	0.084	100	0.047	100	0.018	100	0.074	100
FR0013R	arsenic	0.047	100	0.016	100	0.042	100	0.057	100	0.137	100	0.136	100	0.118	100	0.094	100	0.059	100	0.031	100	0.023	100	0.015	100	0.057	100
FR0090R	arsenic	0.02	100	0.05	100	0.12	100	0.01	100	0.11	100	0.03	100	0.18	100	0.12	100	0.11	100	0.05	100	0.1	100	0.14	100	0.084	100
GB0006R	arsenic	0.09	100	0.186	100	0.11	100	0.228	100	0.23	100	0.13	100	0.371	100	0.234	100	0.269	100	0.093	100	0.112	100	0.112	40	0.189	97
GB0013R	arsenic	0.094	100	0.057	99	0.045	98	0.097	92	0.086	84	0.087	95	0.074	86	0.103	99	0.037	99	0.082	100	0.063	100	0.064	75	0.073	94
GB0017R	arsenic	0.136	84	0.107	100	0.16	100	0.35	100	0.295	100	0.121	100	0.087	100	0.066	100	0.153	100	0.179	100	0.1	100	0.081	76	0.12	95
GB0091R	arsenic	0.218	97	0.175	100	0.088	92	0.125	84	0.126	58	0.298	17	0.076	100	0.076	100	0.038	99	0.136	81	0.136	84	0.011	69	0.111	82
IE0001R	arsenic	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100
IS0090R	arsenic	0.122	100	0.228	100	0.571	99	0.096	100	0.287	100	0.119	76	0.156	100	0.05	100	0.052	100	0.037	100	0.082	99	0.025	100	0.149	99
IS0091R	arsenic	0.045	100	0.054	72	0.128	69	0.036	100	0.036	96	0.04	99	0.064	97	0.041	100	0.023	100	0.026	59	0.014	97	-	-	0.043	86
LV0010R	arsenic	0.356	99	0.18	95	0.317	100	0.44	100	0.284	100	0.206	100	0.104	100	0.131	99	0.104	100	0.152	100	0.4	100	0.347	91	0.23	99
LV0016R	arsenic	0.166	100	0.1	100	0.234	100	-	-	0.427	100	0.142	100	0.137	100	0.11	100	0.104	100	0.158	100	0.437	100	0.219	96	0.175	100
NL0009R	arsenic	0.086	100	0.075	100	0.081	100	0.158	100	0.229	100	0.083	100	0.085	100	0.169	88	0.18	15	0.131	100	0.139	100	0.076	100	0.118	92
NL0091R	arsenic	0.09	100	0.078	100	0.128	100	0.225	88</																		

Site	Comp	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		2009			
		avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
SE0005R	arsenic	0.05	100	0.05	100	0.05	100	0.17	100	0.06	100	0.09	100	0.053	100	0.1	100	0.052	100	0.05	100	0.05	100	0.05	100	0.07	100	0.07	100
SE0011R	arsenic	0.36	100	0.35	100	0.29	100	0.11	100	0.178	100	0.14	100	0.16	100	0.161	100	0.19	100	0.159	100	0.14	100	0.33	100	0.19	100	0.19	100
SE0051R	arsenic	0.39	100	0.24	100	0.24	100	0.17	100	0.183	100	0.174	100	0.12	100	0.14	100	0.17	100	0.14	100	0.09	100	0.29	100	0.163	100	0.163	100
SE0097R	arsenic	0.14	100	0.146	100	0.17	100	0.12	62	0.118	100	0.106	100	0.032	100	0.132	100	0.14	100	0.149	100	0.065	100	0.19	100	0.115	100	0.115	100
SK0002R	arsenic	0.16	100	0.18	100	0.12	100	1.19	100	0.23	100	0.13	100	0.19	100	0.65	100	0.12	100	0.06	100	0.11	100	0.15	100	0.18	100	0.18	100
SK0004R	arsenic	0.24	100	0.13	100	0.14	100	0.82	100	0.11	100	0.09	100	0.11	100	0.17	100	0.15	100	0.02	100	0.09	100	0.08	100	0.119	100	0.119	100
SK0006R	arsenic	0.36	100	0.39	100	0.19	100	0.43	100	0.1	100	0.13	100	0.13	100	0.14	100	0.16	100	0.11	100	0.11	100	0.11	100	0.159	100	0.159	100
SK0007R	arsenic	0.2	100	0.27	100	0.18	100	1.4	100	0.05	100	0.24	100	0.09	100	0.01	100	0.09	100	0.27	100	0.24	100	0.14	100	0.174	100	0.174	100
SI0008R	arsenic	0.006	100	0.011	100	0.014	100	0.098	100	0.079	100	0.048	100	0.044	100	0.02	100	0.091	100	0.015	100	0.017	100	0.018	100	0.033	100	0.033	100
BE0014R	cadmium	0.034	98	0.034	100	0.04	99	0.054	97	0.071	98	0.034	99	0.067	98	0.086	91	0.03	97	0.032	100	0.03	100	0.053	100	0.042	99	0.042	99
CZ0001R	cadmium	0.316	100	0.066	100	0.017	100	0.161	100	0.037	100	0.054	100	0.049	100	0.062	100	0.043	100	0.055	100	0.095	100	0.027	85	0.052	99	0.052	99
CZ0003R	cadmium	0.01	94	0.102	100	0.107	100	0.273	100	0.137	100	0.602	100	0.016	100	0.082	100	0.174	100	0.343	100	0.08	100	0.055	77	0.199	99	0.199	99
DE0001R	cadmium	0.029	100	0.023	100	0.018	100	0.021	100	0.019	100	0.011	100	0.012	100	0.014	100	0.006	98	0.013	100	0.017	100	0.024	100	0.016	100	0.016	100
DE0002R	cadmium	0.019	99	0.021	100	0.02	100	0.084	98	0.033	100	0.021	100	0.01	100	0.02	99	0.013	95	0.015	100	0.011	100	0.016	100	0.019	100	0.019	100
DE0003R	cadmium	0.012	100	0.032	100	0.035	100	0.068	100	0.029	100	0.013	100	0.012	100	0.015	100	0.012	100	0.022	100	0.01	100	0.009	100	0.021	100	0.021	100
DE0007R	cadmium	0.045	97	0.038	96	0.021	99	0.065	88	0.029	100	0.014	100	0.056	100	0.034	100	0.01	100	0.015	100	0.03	100	0.036	100	0.027	100	0.027	100
DE0008R	cadmium	0.032	100	0.028	100	0.028	100	0.086	100	0.025	100	0.017	100	0.013	100	0.038	97	0.027	100	0.024	100	0.017	100	0.024	100	0.026	100	0.026	100
DE0009R	cadmium	0.043	71	0.039	99	0.023	100	0.026	100	0.04	100	0.014	100	0.014	100	0.017	94	0.013	100	0.028	100	0.021	100	0.027	100	0.024	99	0.024	99
DK0008R	cadmium	0.045	100	0.035	100	0.058	100	0.033	100	0.071	100	0.044	100	0.05	100	0.054	100	0.02	100	0.033	100	0.065	100	0.059	100	0.052	100	0.052	100
DK0022R	cadmium	0.053	100	0.038	100	0.043	100	0.023	100	0.045	100	0.023	100	0.031	100	0.043	100	0.013	100	0.045	100	0.067	100	0.035	100	0.043	100	0.043	100
DK0031R	cadmium	0.063	100	0.034	100	0.054	100	0.031	100	0.038	100	0.02	100	0.033	100	0.039	100	0.02	100	0.034	100	0.077	100	0.028	100	0.045	100	0.045	100
EE0009R	cadmium	0.05	100	0.04	100	0.11	100	0.09	100	0.06	100	0.03	100	0.04	100	0.03	100	0.04	100	0.03	100	0.02	100	0.06	100	0.039	100	0.039	100
EE0011R	cadmium	0.03	100	0.11	100	0.13	100	-	-	0.26	100	0.36	100	0.44	100	0.12	100	0.01	100	0.04	100	0.04	100	0.03	100	0.148	100	0.148	100
ES0008R	cadmium	0.038	100	0.113	100	0.036	100	0.039	100	0.157	100	0.093	100	0.071	100	0.031	100	0.04	100	0.02	100	0.048	100	0.054	100	0.056	100	0.056	100
ES0009R	cadmium	0.061	100	0.17	100	0.08	100	0.046	100	0.165	100	0.13	100	-	-	0.017	100	0.026	100	0.129	100	0.097	100	0.061	100	0.076	100	0.076	100
FI0008R	cadmium	0.029	100	0.042	100	-	-	0.528	100	0.063	100	0.088	100	0.064	100	0.012	100	0.038	100	0.016	100	0.011	100	0.031	100	0.059	100	0.059	100
FI0017R	cadmium	0.053	100	0.173	100	0.301	100	0.365	100	-	-	0.047	100	0.045	100	0.029	100	0.187	100	0.027	100	0.048	100	0.116	100	0.072	98	0.072	98
FI0022R	cadmium	0.013	100	0.01	100	0.026	100	0.543	100	0.018	100	0.214	100	0.028	100	0.137	100	0.049	100	0.033	100	0.046	100	0.16	100	0.085	100	0.085	100
FI0036R	cadmium	0.018	100	0.036	100	0.077	100	0.523	100	0.037	100	0.04	100	0.123	100	0.085	100	0.013	100	0.078	100	0.006	100	0.007	100	0.045	100	0.045	100
FI0053R	cadmium	0.04	100	0.029	100	0.059	100	0.107	100	0.042	100	0.071	100	0.015	100	0.017	100	0.035	100	0.078	100	0.018	100	0.062	100	0.036	100	0.036	100
FI0092R	cadmium	0.014	100	0.062	100	0.045	100	0.318	100	0.105	100	0.099	100	0.071	100	0.018	100	0.046	100	-	-	0.02	100	0.071	100	0.062	100	0.062	100
FI0093R	cadmium	0.052	100	0.062	100	0.057	100	0.073	100	0.039	100	0.033	100	0.021	100	0.026	100	0.154	100	0.062	100	0.039	100	0.088	100	0.05	100	0.05	100
FR0009R	cadmium	0.015	100	0.015	100	0.015	100	0.015	100	0.015	100	0.020	100	0.027	100	0.015	100	0.013	100	0.013	100	0.029	100	0.038	100	0.019	100	0.019	100
FR0013R	cadmium	0.015	100	0.015	100	0.015	100	0.015	100	0.015	100	0.015	100	0.024	100	0.015	100	0.011	100	0.014	100	0.015	100	0.015	100	0.015	100	0.015	100
FR0090R	cadmium	0.089	100	0.04	100	0.011	100	0.03	100	0.034	100	0.243	100	0.386	100	0.117	100	0.034	100	0.017	100	0.043	100	0.057	100	0.084	100	0.084	100
GB0006R	cadmium	0.008	100	0.004	100	0.001	100	0.008	100	0.012	100	0.005	100	0.001	100	0.001	100	0.001	100	0.006	100	0.001	100	0.001	40	0.004	97	0.004	97
GB0013R	cadmium	0.007	100	0.011	99	0.001	98	0.012	92	0.004	84	0.013	95	0.002	86	0.002	99	0.001	99	0.006	100	0.003	100	0.004	75	0.005	94	0.005	94
GB0017R	cadmium	0.028	84	0.022	100	0.027	100	0.069	100	0.053	100	0.018	100	0.016	100	0.012	100	0.022	100	0.024	100	0.02	100	0.009	76	0.021	95	0.021	95
GB0091R	cadmium	0.014	97	0.023	100	0.002	92	0.02	84	0.017	58	0.008	17	0.002	100	0.003	100	0.001	99	0.017	81	0.005	84	0.001	69	0.008	82	0.008	82
HU0002R	cadmium	0.072	100	0.112	100	0.071	100	0.628	100	0.066	100	0.096	100	0.042	100	0.11	100	0.077	100	0.21	100	0.005	100	0.047	100	0.084	100	0.084	100
IE0001R	cadmium	0.05	100	0.05	100	0.05	100	0.296	100	0.064	100	0.05	100	0.05	100	0.05	100	0.05	100	0.05	100	0.05	100	0.05	100	0.07	100	0.07	100
IS0090R	cadmium	0.007	100	0.007	100	0.012	99	0.015	100	0.014	100	0.005	76	0.056	100	0.005	100	0.008	100	0.005	100	0.005	99	0.014	100	0.009	99	0.009	99
IS0091R	cadmium	0.005	100	0.003	72	0.025	69	0.006	100	0.006	96	0.006	99	0.011	97	0.012	100	0.013	100	0.009	59	0.004	97	-	-	0.009	86	0.009	86
IT0001R	cadmium	1.479	100	0.752	100	1.485	100	1.13	100	1.5	100	-	-	1.4	100	-	-	2.239	100	0.72	100	7.867	100	1.806	100	1.952	100	1.952	100
LV0010R	cadmium	0.048	99	0.103	95	0.083	100	0.195	100	0.236	100	0.098	100	0.033	100	0.03													

Site	Comp	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		2009	
		avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
PT0001R	cadmium	0.425	79	0.425	63	0.425	73	-	-	-	-	0.425	80	-	-	-	-	-	-	0.425	88	0.75	49	0.75	13	-	-
PT0002R	cadmium	-	-	-	-	-	-	-	-	-	-	-	-	0.1	100	0.1	100	0.1	100	0.1	100	0.1	100	0.1	100	0.1	100
PT0003R	cadmium	0.425	84	0.425	98	0.425	86	0.425	81	0.425	88	0.425	89	0.425	89	0.425	94	-	-	0.469	71	0.75	91	0.75	68	0.558	81
PT0004R	cadmium	0.425	93	0.425	93	0.425	62	0.425	94	-	-	0.425	66	-	-	-	-	-	-	0.425	83	0.425	91	0.693	100	0.526	93
PT0010R	cadmium	0.425	96	0.425	72	0.425	95	0.425	88	0.425	89	0.425	77	0.425	98	0.425	98	0.425	36	0.425	98	0.638	85	0.75	24	-	-
SI0008R	cadmium	0.021	100	0.014	100	0.020	100	0.019	100	0.037	100	0.015	100	0.026	100	0.010	100	0.034	100	0.012	100	0.014	100	0.018	100	0.019	100
SE0005R	cadmium	0.021	100	0.037	100	0.06	100	0.049	100	0.045	100	0.09	100	0.011	100	0.03	100	0.011	100	0.01	100	0.01	100	0.018	100	0.03	100
SE0011R	cadmium	0.12	100	0.13	100	0.06	100	0.07	100	0.074	100	0.15	100	0.108	100	0.04	100	0.02	100	0.021	100	0.04	100	0.06	100	0.071	100
SE0051R	cadmium	0.09	100	0.05	100	0.09	100	0.05	100	0.037	100	0.03	100	0.02	100	0.04	100	0.01	100	0.04	100	0.04	100	0.06	100	0.038	100
SE0097R	cadmium	0.07	100	0.066	100	0.05	100	0.08	62	0.065	100	0.012	100	0.04	100	0.035	100	0.01	100	0.02	100	0.023	100	0.05	100	0.032	100
SK0002R	cadmium	0.07	100	0.06	100	0.1	100	0.58	100	0.08	100	0.24	100	0.51	100	0.41	100	1.3	100	0.08	100	0.09	100	0.04	100	0.188	100
SK0004R	cadmium	0.16	100	1.65	100	0.27	100	0.41	100	0.06	100	0.08	100	0.05	100	0.03	100	0.13	100	0.09	100	0.27	100	0.15	100	0.188	100
SK0006R	cadmium	0.21	100	0.1	100	0.12	100	0.22	100	0.05	100	0.05	100	0.04	100	0.07	100	0.05	100	0.04	100	0.04	100	0.02	100	0.068	100
SK0007R	cadmium	0.07	100	0.32	100	0.05	100	0.49	100	0.04	100	0.04	100	0.03	100	0.02	100	0.02	100	0.03	100	0.03	100	0.02	100	0.056	100
BE0014R	chromium	0.702	98	0.414	100	0.636	99	0.757	97	0.945	98	0.617	99	0.626	98	0.272	91	0.428	97	0.387	100	0.244	100	0.228	100	0.461	99
DE0001R	chromium	0.123	100	0.15	100	0.124	100	0.221	100	0.163	100	0.122	100	0.089	100	0.091	100	0.099	98	0.076	100	0.087	100	0.07	100	0.104	100
DE0002R	chromium	0.07	99	0.084	100	0.099	100	0.281	98	0.129	100	0.131	100	0.067	100	0.234	99	0.176	95	0.036	100	0.023	100	0.02	100	0.078	100
DE0003R	chromium	0.122	100	0.057	100	0.044	100	0.207	100	0.183	100	0.054	100	0.088	100	0.145	100	0.052	100	0.041	100	0.044	100	0.031	100	0.071	100
DE0007R	chromium	0.175	97	0.125	96	0.117	99	0.359	88	0.185	100	0.093	100	0.117	100	0.158	100	0.098	100	0.058	100	0.061	100	0.071	100	0.103	100
DE0008R	chromium	0.458	100	0.259	100	0.175	100	0.262	100	0.129	100	0.175	100	0.111	100	0.309	97	0.103	100	0.172	100	0.131	100	0.057	100	0.163	100
DE0009R	chromium	0.106	71	0.168	99	0.099	100	0.189	100	0.169	100	0.089	100	0.073	100	0.07	94	0.058	100	0.039	100	0.028	100	0.169	100	0.092	99
DK0008R	chromium	0.243	100	0.257	100	1.377	100	0.284	100	0.609	100	0.299	100	0.276	100	0.317	100	0.2	100	0.205	100	0.305	100	0.295	100	0.388	100
DK0022R	chromium	0.1	100	0.101	100	0.116	100	0.295	100	0.375	100	0.355	100	0.26	100	0.237	100	0.103	100	0.14	100	0.169	100	0.11	100	0.189	100
DK0031R	chromium	0.195	100	0.199	100	0.503	100	0.151	100	0.184	100	0.148	100	0.229	100	0.198	100	0.129	100	0.115	100	0.164	100	0.07	100	0.187	100
EE0009R	chromium	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100
ES0008R	chromium	0.93	100	0.718	100	3.096	100	1.225	100	1.107	100	1.916	100	1.656	100	0.73	100	0.896	100	0.559	100	0.519	100	0.592	100	1.125	100
ES0009R	chromium	13.682	100	12.91	100	4.9	100	1.204	100	1.99	100	0.789	100	-	-	0.33	100	1.229	100	0.529	100	1.775	100	0.663	100	2.192	100
FI0008R	chromium	0.2	100	0.1	100	-	-	0.19	100	0.23	100	0.3	100	0.47	100	0.15	100	0.36	100	0.18	100	0.39	100	0.35	100	0.259	100
FI0017R	chromium	0.43	100	0.5	100	2.5	100	0.4	100	-	-	0.56	100	0.27	100	0.21	100	0.44	100	0.05	100	0.3	100	0.56	100	0.3	98
FI0022R	chromium	0.06	100	0.08	100	0.81	100	0.26	100	0.35	100	0.39	100	0.22	100	0.52	100	0.18	100	0.01	100	0.37	100	0.36	100	0.287	100
FI0036R	chromium	0.07	100	0.08	100	0.38	100	0.28	100	0.24	100	0.33	100	0.31	100	0.33	100	0.18	100	0.04	100	0.07	100	0.31	100	0.208	100
FI0053R	chromium	0.44	100	0.12	100	1	100	0.61	100	0.62	100	1.08	100	0.16	100	0.2	100	0.18	100	0.04	100	0.5	100	0.94	100	0.327	100
FI0092R	chromium	0.03	100	0.24	100	0.21	100	1.22	100	0.64	100	0.5	100	0.19	100	0.21	100	0.19	100	-	-	0.31	100	0.37	100	0.291	100
FI0093R	chromium	0.23	100	0.3	100	0.14	100	0.27	100	0.46	100	0.29	100	0.39	100	0.19	100	0.3	100	0.09	100	0.94	100	0.36	100	0.367	100
FR0009R	chromium	0.099	100	0.169	100	0.220	100	0.227	100	0.129	100	0.139	100	0.134	100	0.298	100	0.128	100	0.075	100	0.107	100	0.086	100	0.149	100
FR0013R	chromium	0.075	100	0.075	100	0.075	100	0.075	100	0.075	100	0.259	100	0.141	100	0.321	100	0.250	100	0.071	100	0.075	100	0.075	100	0.104	100
FR0090R	chromium	0.14	100	0.13	100	0.15	100	0.08	100	0.21	100	0.11	100	0.13	100	0.2	100	0.2	100	0.25	100	0.08	100	0.07	100	0.125	100
GB0006R	chromium	0.01	100	0.074	100	0.012	100	0.01	100	0.13	100	0.01	100	0.01	100	0.054	100	0.01	100	0.079	100	0.011	100	0.01	40	0.038	97
GB0013R	chromium	0.153	100	0.026	99	0.022	98	0.049	92	0.103	84	0.104	95	0.079	86	0.062	99	0.01	99	0.028	100	0.08	100	0.059	75	0.071	94
GB0017R	chromium	0.116	84	0.079	100	0.177	100	0.419	100	0.308	100	0.176	100	0.107	100	0.029	100	0.126	100	0.162	100	0.097	100	0.02	76	0.112	95
GB0091R	chromium	0.124	97	0.066	100	0.088	92	0.105	84	0.11	58	0.092	17	0.061	100	0.089	100	0.051	99	0.01	81	0.116	84	0.062	69	0.072	82
IE0001R	chromium	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100
IS0090R	chromium	0.157	100	0.488	100	1.1	99	0.229	100	0.519	100	0.468	76	1.236	100	0.468	100	0.364	100	0.088	100	0.081	99	1.077	100	0.372	99
IS0091R	chromium	0.067	100	0.067	72	0.126	69	0.066	100	0.033	96	0.03	99	0.394	97	0.219	100	0.06	100	0.067	59	0.241	97	-	-	0.1	86
LV0010R	chromium	0.2	99	0.2	95	0.273	100	0.511	100	0.347	100	0.2	100	0.2	100	0.248	99	0.241	100	0.341	100	0.874	100	6.71	91	0.776	99
LV0016R	chromium	0.2	100	0.2	100	0.312	100	-	0	0.377	100	0.2	100	0.203	100	0.221	100	0.2	100	0.68	99	1.455	50	0.731	86	0.373	95
NL0009R	chromium	0.26	100	0.26	100	0.26	100	0.26	100	0.26	100	0.26	100	0.307	100	0.421	100	1.151	100	0.26	100	0.435	100	0.26	100	0.374	100
NL0091R	chromium	0.26	100	0.26	100	0.272	100	0.405	100	0.26	100	0.26	100	0.284	100	0.345	100	0.26	100	0.26	100	0.26	100	0.26	100	0.268	100
NO0001R	chromium	0.12	100	0.1	100	0.1	100	0.1	99	0.1	100	0.1	100	0.1	100	0.2	100	0.109	100	0.1	100	0.139	100	0.1	100	0.118	100
PL0004R																											

Site	Comp	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		2009	
		avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
SE0005R	chromium	0.101	100	0.424	100	0.14	100	0.069	100	0.289	100	0.23	100	0.051	100	0.07	100	0.171	100	0.066	100	0.05	100	0.05	100	0.114	100
SE0051R	chromium	0.05	100	0.05	100	0.05	100	0.05	100	0.088	100	0.308	100	0.05	100	0.25	100	0.05	100	0.34	100	0.05	100	0.08	100	0.124	100
SE0097R	chromium	0.45	100	0.387	100	0.11	100	0.23	62	0.23	100	0.223	100	0.089	100	0.053	100	0.07	100	0.05	100	0.062	100	0.16	100	0.113	100
SK0002R	chromium	0.15	100	0.19	100	0.11	100	1.63	100	0.16	100	0.14	100	0.27	100	0.11	100	0.25	100	4.5	100	0.54	100	0.15	100	0.45	100
SK0004R	chromium	0.27	100	1.03	100	0.16	100	0.42	100	0.06	100	0.07	100	0.11	100	0.08	100	0.09	100	0.03	100	0.16	100	0.06	100	0.142	100
SK0006R	chromium	0.35	100	0.45	100	0.08	100	0.17	100	0.07	100	0.12	100	0.1	100	0.08	100	0.06	100	0.09	100	0.08	100	0.15	100	0.11	100
SK0007R	chromium	0.07	100	0.31	100	0.78	100	3.3	100	0.1	100	0.08	100	0.12	100	0.09	100	0.12	100	0.06	100	0.06	100	0.06	100	0.154	100
DE0001R	cobalt	0.01	100	0.013	100	0.019	100	0.034	100	0.032	100	0.019	100	0.016	100	0.026	100	0.012	98	0.012	100	0.01	100	0.01	100	0.016	100
DE0002R	cobalt	0.008	99	0.012	100	0.017	100	0.093	98	0.034	100	0.02	100	0.018	100	0.069	99	0.036	95	0.007	100	0.007	100	0.004	100	0.018	100
DE0003R	cobalt	0.012	100	0.009	100	0.008	100	0.052	100	0.086	100	0.02	100	0.066	100	0.043	100	0.021	100	0.016	100	0.012	100	0.004	100	0.027	100
DE0007R	cobalt	0.019	97	0.017	96	0.018	99	0.074	88	0.056	100	0.012	100	0.027	100	0.034	100	0.018	100	0.008	100	0.009	100	0.008	100	0.02	100
DE0008R	cobalt	0.019	100	0.013	100	0.015	100	0.046	100	0.029	100	0.016	100	0.024	100	0.063	97	0.014	100	0.022	100	0.011	100	0.006	100	0.02	100
DE0009R	cobalt	0.018	71	0.018	99	0.024	100	0.04	100	0.044	100	0.019	100	0.024	100	0.016	94	0.018	100	0.011	100	0.01	100	0.013	100	0.02	99
FI0008R	cobalt	0.019	100	0.009	100	-	-	0.001	100	0.116	100	0.077	100	0.075	100	0.022	100	0.004	100	0.022	100	0.008	100	0.068	100	0.051	100
FI0017R	cobalt	0.08	100	0.056	100	0.471	100	0.036	100	-	-	0.051	100	0.02	100	0.036	100	0.021	100	0.007	100	0.02	100	0.074	100	0.032	98
FI0022R	cobalt	0.003	100	0.005	100	0.041	100	0.001	100	0.02	100	0.032	100	0.016	100	0.008	100	0.005	100	0.004	100	0.003	100	0.005	100	0.011	100
FI0036R	cobalt	0.004	100	0.008	100	0.052	100	0.008	100	0.013	100	0.011	100	0.029	100	0.014	100	0.003	100	0.007	100	0.001	100	0.003	100	0.009	100
FI0053R	cobalt	0.056	100	0.064	100	0.497	100	0.218	100	0.045	100	0.11	100	0.047	100	0.037	100	0.026	100	0.022	100	0.028	100	0.046	100	0.048	100
FI0092R	cobalt	0.002	100	0.014	100	0.003	100	0.035	100	0.111	100	0.012	100	0.007	100	0.019	100	0.01	100	-	-	0.004	100	0.006	100	0.014	100
FI0093R	cobalt	0.02	100	0.02	100	0.011	100	0.001	100	0.038	100	0.014	100	0.036	100	0.03	100	0.02	100	0.006	100	0.011	100	0.008	100	0.02	100
NO0001R	cobalt	0.015	100	0.013	100	0.024	100	0.054	99	0.034	100	0.016	100	0.008	100	0.034	100	0.008	100	0.006	100	0.014	100	0.005	100	0.015	100
SE0005R	cobalt	0.012	100	0.032	100	0.04	100	0.038	100	0.013	100	0.02	100	0.001	100	0.01	100	0.001	100	0.008	100	0	100	0.016	100	0.01	100
SE0011R	cobalt	0.11	100	0.06	100	0.04	100	0.04	100	0.04	100	0.04	100	0.039	100	0.02	100	0.02	100	0.01	100	0.02	100	0.02	100	0.032	100
SE0051R	cobalt	0.04	100	0.03	100	0.03	100	0.07	100	0.057	100	0.034	100	0.03	100	0.04	100	0.02	100	0.03	100	0.02	100	0.02	100	0.03	100
SE0097R	cobalt	0.04	100	0.04	100	0.04	100	0.02	62	0.018	100	0.01	100	0.01	100	0.018	100	0.01	100	0.01	100	0.011	100	0.02	100	0.015	100
BE0014R	copper	13.884	98	16.229	100	14.33	99	19.903	97	20.07	98	11.615	99	10.676	98	14.003	91	9.088	97	9.696	100	13.972	100	10.362	100	13.017	99
DE0001R	copper	6.394	100	7.979	90	1.098	100	6.221	100	3.548	100	1.175	100	0.922	100	1.635	100	0.668	98	0.728	100	0.721	100	0.897	100	1.862	99
DE0002R	copper	1.049	99	0.679	100	0.669	100	2.277	98	1.309	100	1.184	100	0.849	100	2.27	99	0.879	95	0.524	100	0.464	100	0.756	100	0.851	100
DE0003R	copper	0.987	100	0.386	100	0.574	100	3.178	100	1.225	100	0.826	100	0.823	100	1.464	100	0.903	100	0.471	100	0.377	100	0.646	100	0.724	100
DE0007R	copper	2.231	97	1.216	96	1.318	99	7.82	88	4.012	100	1.197	100	1.802	100	2.771	100	1.02	100	1.02	100	0.753	100	0.654	100	1.569	100
DE0008R	copper	1.984	100	0.857	100	2.161	100	1.476	100	0.903	100	0.86	100	1.079	100	2.354	55	1.044	100	2.465	100	0.801	100	0.633	100	1.281	99
DK0008R	copper	0.697	100	0.623	100	1.628	100	2.049	100	4.607	100	2.232	100	2.286	100	2.058	100	0.849	100	1.22	100	1.185	100	0.965	100	1.867	100
DK0031R	copper	1.783	100	1.424	100	1.622	100	1.129	100	1.759	100	0.921	100	1.405	100	1.49	100	0.883	100	0.835	100	1.377	100	5.19	100	1.644	100
EE0009R	copper	1.07	100	1.4	100	1.1	100	1.3	100	6.93	100	1.9	100	3.38	100	2.48	100	5.7	100	7.22	100	12.23	100	4.53	100	4.734	100
EE0011R	copper	0.5	100	0.5	100	0.5	100	-	-	0.5	100	15.3	100	10.7	100	8.5	100	0.5	100	4.45	100	0.5	100	0.5	100	5.114	100
ES0008R	copper	13	100	17	100	18	100	14	100	45	100	13	100	14	100	8	100	9	100	12	100	21	100	23	100	16	100
ES0009R	copper	25	100	82	100	32	100	13	100	44	100	22	100	-	-	3	100	3	100	10	100	22	100	13	100	15	100
FI0008R	copper	6.47	100	1.67	100	-	-	6.9	100	2.63	100	3.45	100	3.55	100	1.29	100	1.87	100	10.61	100	1.97	100	9.18	100	2.979	100
FI0017R	copper	4.18	100	4.5	100	9.2	100	4.08	100	-	-	3.56	100	1.65	100	2.1	100	2.66	100	1.16	100	1.41	100	4.45	100	2.261	98
FI0022R	copper	0.75	100	1.74	100	5.91	100	4.94	100	2.31	100	2.58	100	1.1	100	2.46	100	0.96	100	0.47	100	1.07	100	2.92	100	1.789	100
FI0036R	copper	2.68	100	4.57	100	9.2	100	10.9	100	0.95	100	0.78	100	2.58	100	4.27	100	1.95	100	0.62	100	1.36	100	1.43	100	2.111	100
FI0053R	copper	5.4	100	1.12	100	8.56	100	11.48	100	2.91	100	3.01	100	1.02	100	1.46	100	2.08	100	1.84	100	1.22	100	5.07	100	2.139	100
FI0092R	copper	0.68	100	1.63	100	2.75	100	4.71	100	2.77	100	1.88	100	1.28	100	2.23	100	2.23	100	-	-	1.39	100	2.35	100	1.777	100
FI0093R	copper	1.5	100	2.28	100	1.6	100	3.3	100	3.03	100	0.69	100	1.27	100	2.13	100	3	100	0.55	100	0.45	100	1.46	100	1.503	100
FR0009R	copper	0.146	100	0.581	100	0.823	100	0.435	100	0.431	100	1.054	100	0.939	100	1.029	100	1.679	100	0.782	100	0.700	100	0.692	100	0.710	100
FR0013R	copper	0.075	100	0.758	100	0.311	100	0.390	100	0.915	100	2.549	100	1.919	100	1.444	100	0.835	100	1.945	100	1.409	100	0.984	100	1.005	100
FR0090R	copper	0.46	100	0.35	100	0.93	100	0.36	100	0.51	100	0.44	100	2.1	100	0.75	100	1	100	0.57	100	0.55	100	0.4	100	0.646	100
GB0006R	copper	0.092	100	0.11	100	0.128	100	0.146	100	0.195	100	0.229	100	0.199	100	0.168	100	0.247	100	0.165	100	0.11	100	0.109	40	0.156	97
GB0013R	copper	0.258	100	0.17	99	0.115	98	0.506	92	0.32																	

Site	Comp	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		2009	
		avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
IT0001R	copper	10	100	14	100	12	100	16	100	17	100	-	20	100	-	-	16	100	16	100	31	100	23	100	17	100	
LV0010R	copper	2.397	99	2.212	95	1.064	100	5.5	90	2.14	45	2.258	100	0.75	98	0.771	99	3.4	100	0.853	100	1.636	100	2.061	91	1.606	96
LV0016R	copper	1.037	100	1.69	100	1.568	100	-	-	3.877	100	1.322	100	1.05	100	1.683	100	5.055	100	1.139	100	1.093	100	0.962	96	1.771	100
NL0009R	copper	0.527	100	0.615	100	0.713	100	1.74	97	1.903	100	0.366	100	0.596	100	1.288	100	1.284	100	0.667	100	0.824	100	0.707	100	0.881	100
NL0091R	copper	0.828	100	0.715	100	1.323	100	2.83	100	0.981	100	1.035	100	0.643	100	0.99	100	0.717	100	0.538	100	2.487	100	0.981	100	1.166	100
NO0001R	copper	0.487	100	0.407	100	0.831	100	1.524	99	0.705	100	0.25	100	0.295	100	0.712	100	0.448	100	0.187	100	0.421	100	0.325	100	0.455	100
FL0004R	copper	1.39	100	0.89	100	0.64	100	5.19	100	1.27	100	1.35	100	0.59	100	0.47	100	0.47	100	0.5	100	0.91	100	1.33	100	0.824	100
FL0005R	copper	2.114	100	0.925	100	0.681	100	8.8	100	2.699	100	0.9	100	0.703	100	1.653	100	3.424	100	3.091	100	3.771	100	1.938	100	1.848	100
PT0001R	copper	25.419	79	2.486	63	3.782	73	-	-	-	-	10.496	80	-	-	-	-	0.844	88	6.803	49	2	13	-	-	-	-
PT0002R	copper	-	-	-	-	-	-	-	-	-	-	-	-	1.4	100	5.095	100	5.209	100	0.85	100	8.457	100	0.813	100	2.992	100
PT0003R	copper	1.96	84	3.42	98	0.403	86	0.364	81	0.615	88	0.325	89	0.667	89	0.325	94	-	-	0.552	71	2.089	91	2	68	1.506	81
PT0004R	copper	1.401	93	0.372	93	0.325	62	0.325	94	-	-	0.325	66	-	-	-	-	-	-	6.38	83	0.325	91	1.707	100	1.353	93
PT0010R	copper	0.325	96	1.049	72	0.325	95	0.325	88	0.325	89	0.325	77	0.547	98	0.726	98	4.039	36	0.325	98	1.425	85	9.095	24	1.481	69
SE0005R	copper	0.26	100	0.596	100	0.65	100	0.569	100	0.411	100	0.73	100	0.051	100	0.26	100	0.122	100	0.242	100	0.18	100	0.863	100	0.306	100
SE0011R	copper	7.47	100	3.82	100	0.816	100	2.98	100	2.855	100	1.34	100	0.894	100	0.405	100	0.63	100	0.393	100	0.46	100	0.6	100	1.272	100
SE0051R	copper	0.51	100	0.64	100	0.52	100	1.95	100	1.51	100	0.913	100	0.6	100	0.59	100	0.48	100	0.36	100	0.36	100	0.49	100	0.601	100
SE0097R	copper	4.49	100	3.784	100	0.7	100	0.98	62	0.859	100	0.434	100	1.084	100	1.075	100	0.14	100	0.673	100	1.918	100	12.2	100	2.26	100
SI0008R	copper	0.225	100	0.217	100	0.361	100	0.546	100	1.045	100	0.937	100	1.385	100	0.91	100	1.151	100	0.31	100	0.575	100	0.165	100	0.552	100
SK0002R	copper	1.15	100	0.42	100	0.77	100	6.4	100	1.44	100	1.52	100	0.99	100	0.9	100	1.09	100	0.69	100	1.07	100	0.82	100	0.929	100
SK0004R	copper	1.52	100	26.25	100	6.07	100	5.25	100	1.26	100	0.91	100	1.56	100	1.17	100	2.42	100	0.64	100	1.58	100	1.22	100	2.983	100
SK0006R	copper	3.37	100	0.86	100	1.85	100	2.09	100	0.91	100	1.05	100	3.29	100	1.2	100	1.23	100	0.84	100	0.64	100	0.92	100	1.473	100
SK0007R	copper	1.59	100	2.24	100	1.6	100	20.37	100	0.9	100	0.74	100	0.99	100	0.84	100	0.67	100	0.62	100	0.44	100	1.23	100	1.06	100
BE0014R	iron	26	98	11	100	38	99	22	97	38	98	17	99	32	98	29	91	44	97	17	100	12	100	13	100	21	99
CZ0001R	iron	203	100	89	100	23	100	400	100	46	100	37	100	130	100	114	100	66	100	63	100	27	100	24	85	72	99
CZ0003R	iron	34	94	19	100	36	100	123	100	48	100	70	100	45	100	56	100	262	100	232	100	13	100	20	77	70	99
DE0001R	iron	7	100	10	100	10	100	28	100	23	100	12	100	7	100	17	100	6	98	9	100	4	100	3	100	10	100
DE0002R	iron	5	99	7	100	11	100	80	98	28	100	18	100	16	100	64	99	44	95	6	100	5	100	2	100	15	100
DE0003R	iron	6	100	5	100	5	100	40	100	63	100	15	100	24	100	39	100	10	100	5	100	5	100	3	100	15	100
DE0007R	iron	7	97	8	96	11	99	44	88	25	100	9	100	22	100	29	100	15	100	6	100	5	100	5	100	13	100
DE0008R	iron	9	100	8	100	10	100	26	100	15	100	10	100	16	100	50	97	9	100	8	100	6	100	4	100	12	100
DE0009R	iron	10	71	7	99	9	100	18	100	33	100	12	100	12	100	12	94	10	100	7	100	5	100	4	100	11	99
FI0008R	iron	24	100	4	100	-	-	9	100	35	100	21	100	23	100	15	100	10	100	13	100	9	100	5	100	18	100
FI0017R	iron	290	100	69	100	1491	100	36	100	-	-	125	100	81	100	92	100	78	100	7	100	73	100	375	100	98	98
FI0022R	iron	4	100	7	100	25	100	9	100	41	100	42	100	18	100	12	100	7	100	1	100	3	100	6	100	14	100
FI0036R	iron	7	100	6	100	44	100	21	100	14	100	11	100	23	100	22	100	5	100	3	100	1	100	5	100	10	100
FI0053R	iron	122	100	13	100	109	100	63	100	70	100	316	100	19	100	25	100	14	100	7	100	15	100	80	100	43	100
FI0092R	iron	2	100	24	100	29	100	51	100	101	100	37	100	16	100	28	100	13	100	-	-	5	100	9	100	23	100
FI0093R	iron	25	100	31	100	37	100	14	100	38	100	17	100	44	100	30	100	20	100	4	100	11	100	8	100	25	100
IS0090R	iron	52	100	382	100	376	99	183	100	166	100	153	76	740	100	300	100	38	100	376	100	224	99	864	100	243	99
IS0091R	iron	24	100	24	72	66	69	58	100	1	96	1	99	445	97	170	100	41	100	69	59	350	97	-	-	84	86
BE0014R	lead	1.231	98	1.117	100	1.815	99	1.415	97	3.006	98	3.894	99	2.451	98	2.142	91	1.99	97	1.996	100	1.772	100	0.918	100	1.953	99
CZ0001R	lead	8.851	100	2.147	100	0.512	100	5.566	100	1.778	100	0.393	100	1.452	100	2.606	100	1.059	100	1.292	100	2.342	100	0.849	85	1.446	99
CZ0003R	lead	0.344	94	0.995	100	0.422	100	1.874	100	1.055	100	0.87	100	0.396	100	0.362	100	0.989	100	1.346	100	0.398	100	1.21	77	0.766	99
DE0001R	lead	0.492	100	0.651	100	0.465	100	0.606	100	0.688	100	0.354	100	0.341	100	0.616	100	0.319	98	0.316	100	0.519	100	0.615	100	0.487	100
DE0002R	lead	0.486	99	0.418	100	0.494	100	2.207	98	1.003	100	0.691	100	0.363	100	1.052	99	0.577	95	0.463	100	0.36	100	0.457	100	0.57	100
DE0003R	lead	0.249	100	0.628	100	0.441	100	1.75	100	1.006	100	0.545	100	0.521	100	0.599	100	0.415	100	0.548	100	0.444	100	0.336	100	0.552	100
DE0007R	lead	0.822	97	1.442	96	0.43	99	1.279	88	1.464	100	0.432	100	0.917	100	0.843	100	0.342	100	0.57	100	0.823	100	0.594	100	0.744	100
DE0008R	lead	1.091	100	0.834	100	0.992	100	1.558	100	0.722	100	0.454	100	0.61	100	0.939	97	0.797	100	0.728	100	0.565	100	0.598	100	0.754	100
DE0009R	lead	1.28	71	1.373	99	0.679	100	0.77	100	1.401	100	0.474	100	0.477	100	0.443	94	0.273	100	0.616	100	0.642	100	0.618	100	0.705	99
DK0008R	lead	1.508	100	0.887	100	2.484	100	1.44	100	3.241	100	1.637	100	1.711	100	1.953	100	0.755	100	1.15	100	1.809	100	1.755	100	1.828	100
DK0022R	lead	1.444	100	1.404	100	1.499	100	0.726	100	1.688	100	1.595	100	1.594	100	1.728	100	0.454	100	1.08	100	2.32	100	1.285	100	1.543	100
DK0031R	lead	0.391	100	0.491	100	1.206	100	1.639	100	1.359	100	1.1															

Site	Comp	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		2009	
		avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
ES0008R	lead	1.03	100	1.584	100	0.876	100	1.008	100	1.971	100	1.279	100	0.965	100	0.558	100	0.24	100	0.301	100	0.395	100	1.145	100	0.885	100
ES0009R	lead	2.747	100	1.59	100	3.46	100	0.677	100	4.281	100	1.467	100	-	-	0.76	100	0.314	100	1.066	100	0.846	100	0.527	100	1.287	100
FI0008R	lead	0.91	100	0.27	100	-	-	0.24	100	0.7	100	0.59	100	0.43	100	0.28	100	0.13	100	0.4	100	0.24	100	0.76	100	0.429	100
FI0017R	lead	1.97	100	4.7	100	9.57	100	2.15	100	-	-	0.7	100	0.57	100	0.52	100	0.75	100	0.73	100	2.28	100	4.02	100	1.346	98
FI0022R	lead	0.59	100	0.41	100	0.78	100	0.23	100	0.4	100	0.79	100	0.29	100	0.36	100	0.29	100	0.1	100	0.3	100	0.63	100	0.383	100
FI0036R	lead	0.57	100	0.5	100	2.66	100	1.09	100	0.28	100	0.45	100	0.46	100	0.17	100	0.32	100	0.25	100	0.32	100	0.27	100	0.369	100
FI0053R	lead	1.15	100	0.92	100	1.81	100	1.79	100	0.56	100	1.03	100	0.24	100	0.3	100	0.76	100	0.54	100	0.55	100	1.38	100	0.595	100
FI0092R	lead	0.4	100	1.35	100	0.9	100	1.45	100	1.77	100	0.33	100	0.59	100	0.41	100	0.44	100	-	-	0.59	100	0.97	100	0.637	100
FI0093R	lead	1.13	100	1.65	100	1.05	100	1.21	100	0.49	100	0.25	100	0.41	100	0.5	100	0.59	100	0.43	100	0.7	100	1.19	100	0.668	100
FR0009R	lead	0.576	100	0.750	100	0.344	100	0.153	100	0.074	100	0.512	100	0.149	100	0.326	100	0.559	100	0.325	100	0.095	100	0.071	100	0.280	100
FR0013R	lead	0.153	100	0.252	100	0.348	100	0.100	100	0.428	100	1.057	100	0.529	100	0.480	100	0.280	100	0.031	100	0.022	100	0.015	100	0.234	100
FR0090R	lead	0.32	100	0.2	100	0.44	100	0.19	100	0.73	100	1.28	100	1.97	100	2.89	100	0.8	100	0.23	100	0.25	100	0.28	100	0.557	100
GB0006R	lead	0.17	100	0.051	100	0.142	100	0.187	100	0.223	100	0.121	100	0.139	100	0.145	100	0.015	100	0.208	100	0.018	100	0.015	100	0.126	97
GB0013R	lead	0.258	100	0.281	99	0.106	98	0.353	92	0.262	84	0.655	95	0.126	86	0.136	99	0.033	99	0.258	100	0.167	100	0.166	75	0.215	94
GB0017R	lead	0.785	84	0.718	100	1.55	100	3.657	100	2.452	100	1.13	100	0.839	100	0.624	100	1.844	100	1.358	100	0.732	100	0.294	76	0.968	95
GB0091R	lead	0.554	97	0.796	100	0.141	92	0.841	84	0.627	58	0.299	17	0.2	100	0.141	100	0.086	99	0.786	81	0.315	84	0.099	69	0.389	82
HU0002R	lead	1.71	100	1.646	100	2.247	100	10.999	100	1.129	100	1.51	100	1.175	100	0.459	100	3.959	100	5.25	100	0.963	100	3.232	100	2.21	100
IE0001R	lead	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100
IS0090R	lead	0.452	100	0.232	100	0.286	99	0.31	100	0.321	100	0.126	76	0.732	100	0.229	100	0.116	100	0.111	100	0.179	99	0.406	100	0.248	99
IS0091R	lead	0.273	100	0.124	72	0.359	69	0.237	100	0.001	96	0.02	99	0.293	97	0.172	100	0.076	100	0.147	59	0.097	97	-	-	0.178	86
IT0001R	lead	1.259	100	2.707	100	2.347	100	4.005	100	3	100	-	-	3.828	100	-	-	2.573	100	1.143	100	6.513	100	5.277	100	3.187	100
LV0010R	lead	2.051	99	3.009	95	2.143	100	1.826	100	2.137	100	0.919	100	0.572	100	0.322	99	1.06	100	1.211	100	1.656	100	3.8	10	1.351	93
LV0016R	lead	1.74	100	1.391	100	0.851	100	-	-	0.954	100	0.337	100	0.734	100	0.359	100	1.843	100	0.3	54	-	-	3.181	83	1.049	85
NL0009R	lead	0.273	100	0.245	100	0.613	100	0.317	100	0.807	100	0.408	100	0.346	100	1.476	100	4.019	100	0.443	100	0.609	67	0.587	94	0.866	96
NL0091R	lead	0.741	100	0.804	100	1.009	100	1.825	100	0.979	100	0.866	100	0.469	100	0.659	100	0.692	100	0.429	100	0.674	100	0.53	100	0.702	100
NO0001R	lead	1.253	100	0.749	100	1.609	100	1.919	99	0.673	100	0.351	100	0.351	100	0.722	100	0.331	100	0.338	100	1.411	100	0.897	100	0.918	100
NO0039R	lead	0.101	100	0.053	100	0.158	100	0.4	95	0.142	100	0.116	100	0.097	100	0.07	100	0.04	100	0.106	100	0.057	100	0.14	100	0.09	100
NO0055R	lead	-	-	1.62	84	-	-	0.281	93	0.22	100	0.153	100	0.29	100	0.422	99	0.146	99	0.245	94	0.2	91	0.718	97	0.285	99
NO0056R	lead	0.953	100	2.504	100	2.026	100	1.13	100	0.503	100	1.163	100	0.207	100	0.693	100	0.267	83	0.491	100	0.581	100	0.984	100	0.785	99
PL0004R	lead	0.41	100	0.74	100	0.65	100	1.17	100	1.04	100	0.48	100	0.43	100	0.4	100	0.36	100	0.4	100	0.87	100	0.74	100	0.559	100
PL0005R	lead	1.586	100	1.254	100	1.328	100	1.3	100	0.647	100	0.482	100	0.459	100	0.367	100	0.465	100	0.425	100	0.688	100	0.566	100	0.653	100
PT0001R	lead	0.645	79	0.645	63	4.499	73	-	-	-	-	22.711	80	-	-	-	-	-	-	0.645	88	2.084	49	1	13	-	-
PT0002R	lead	-	-	-	-	-	-	-	-	-	-	-	-	1.9	100	1.572	100	1.392	100	0.245	100	0.608	100	0.171	100	-	-
PT0003R	lead	1.983	84	0.645	98	0.952	86	0.645	81	0.645	88	2.356	89	3.716	89	0.645	94	-	-	0.693	71	1.199	91	1	65	1.342	80
PT0004R	lead	0.645	93	0.645	93	7.42	62	0.645	94	-	-	0.645	66	-	-	-	-	-	-	0.645	83	0.645	91	0.926	84	0.81	88
PT0010R	lead	0.645	96	0.645	72	0.645	95	0.645	88	0.645	89	0.645	77	9.047	98	0.645	98	0.645	36	0.645	98	0.878	85	1	24	-	-
SE0005R	lead	0.381	100	0.481	100	0.78	100	0.647	100	0.225	100	0.21	100	0.148	100	0.47	100	0.176	100	0.188	100	0.25	100	0.406	100	0.284	100
SE0011R	lead	1.97	100	0.47	100	1.337	100	0.22	100	0.519	100	0.49	100	0.639	100	0.604	100	0.31	100	0.417	100	0.77	100	1.31	100	0.697	100
SE0051R	lead	1.47	100	1.31	100	0.84	100	0.88	100	0.792	100	0.6	100	0.5	100	0.45	100	0.26	100	0.5	100	0.61	100	1.05	100	0.628	100
SE0097R	lead	1.25	100	1.272	100	1.37	100	0.51	62	0.462	100	0.274	100	0.177	100	0.422	100	0.18	100	0.262	100	0.459	100	0.45	100	0.409	100
SI0008R	lead	0.337	100	0.449	100	0.515	100	1.034	100	0.915	100	0.538	100	0.658	100	0.512	100	0.906	100	0.260	100	0.476	100	0.266	100	0.517	100
SK0002R	lead	1.25	100	1.59	100	1.06	100	12.3	100	1.27	100	1.24	100	1.77	100	0.94	100	1.56	100	1.15	100	6.74	100	1.19	100	1.51	100
SK0004R	lead	2.71	100	4.84	100	3.2	100	7.58	100	0.78	100	0.72	100	0.82	100	0.67	100	0.68	100	0.36	100	1.22	100	0.8	100	1.282	100
SK0006R	lead	4.24	100	3.37	100	2.04	100	3.81	100	0.57	100	1.51	100	0.76	100	0.84	100	0.82	100	1.3	100	1.18	100	0.57	100	1.36	100
SK0007R	lead	1.24	100	2.73	100	1.87	100	14.62	100	0.75	100	0.85	100	0.68	100	0.49	100	0.58	100	0.49	100	0.95	100	0.71	100	1	100
BE0014R	manganese	2	98	2	100	4	99	3	97	4	98	3	99	5	98	10	91	5	97	3	100	3	100	2	100	3	99
DE0001R	manganese	0.459	100	0.603	100	1.047	100	3.387	100	2.525	100	1.531	100	1.368	100	2.173	100	1.307	98	1.366	100	0.811	100	0.667	100	1.349	100
DE0002R	manganese	0.687	99	0.834	100	1.035	100	10.549	98	3.739	100	2.488	100	1.779	100	6.887	99	5.225	95	0.668	100	0.691	100	0.348	100	1.821	100
DE0003R	manganese	8.958	100	0.924	100	0.475	100	5.652	100	5.514	100	1.493	100	4.541	100	2.722	100	1.562	100	0.907	100	0.892	100	0.375	100	2.18	100
DE0007R	manganese	1.545	97	1.173	96	1.752	99	22.5	88	4.822																	

Site	Comp	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		2009			
		avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
FI0036R	manganese	0.84	100	0.41	100	4.06	100	2.2	100	0.65	100	1.75	100	4.7	100	8.61	100	1.45	100	0.68	100	0.07	100	0.2	100	1.962	100		
FI0053R	manganese	3.09	100	1.52	100	8.31	100	7.02	100	2.63	100	12.1	100	0.91	100	1.81	100	2.44	100	0.8	100	0.99	100	5.05	100	2.373	100		
FI0092R	manganese	0.13	100	0.83	100	1.14	100	4.47	100	8.66	100	3.45	100	1.38	100	1.95	100	1.34	100	-	-	0.38	100	0.57	100	1.835	100		
FI0093R	manganese	1.01	100	1.48	100	9.04	100	2.1	100	5.52	100	3.78	100	1.79	100	3.2	100	3.53	100	1.55	100	0.53	100	0.59	100	2.414	100		
IE0001R	manganese	0.5	100	0.5	100	1.965	100	1.016	100	0.528	100	0.984	100	3.96	100	4.97	100	0.915	100	0.993	100	1	100	0.531	100	1.728	100		
IS0090R	manganese	0.919	100	5.896	100	6.121	99	3.417	100	3.291	100	3.266	76	14.411	100	5.168	100	1.087	100	8.479	100	4.573	99	17.02	100	4.678	99		
IS0091R	manganese	0.465	100	0.499	72	2.354	69	1.238	100	0.946	96	0.462	99	8.65	97	3.609	100	0.954	100	1.554	59	7.54	97	-	-	1.925	86		
LV0010R	manganese	2.115	99	5.139	95	2.697	100	12.49	90	19.367	96	4.325	100	1.806	98	0.978	99	1.654	100	0.654	100	4.922	100	4.196	91	3.39	99		
LV0016R	manganese	1.228	100	1.081	100	3.673	100	-	-	12.998	82	3.954	100	3.62	99	2.777	96	4.257	99	2.345	100	1.692	100	3.954	96	3.38	98		
PT0001R	manganese	3.263	79	3.635	63	4.394	73	-	-	-	-	19.365	80	-	-	-	-	-	-	1.075	88	10.123	49	5	13	-	-		
PT0003R	manganese	1.075	84	1.075	98	2.148	86	1.957	81	2.231	88	1.709	89	4.535	89	2.53	94	-	-	1.607	71	5.169	91	5	68	3.077	81		
PT0004R	manganese	1.227	93	1.075	93	3.08	62	2.555	94	-	-	1.075	66	-	-	-	-	-	-	1.075	83	1.075	91	4.313	100	2.479	93		
PT0010R	manganese	1.075	96	1.075	72	1.075	95	1.075	88	1.075	89	1.075	77	11.775	98	4.197	98	1.075	36	1.075	98	3.652	85	5	24	-	-		
SE0005R	manganese	0.1	100	0.993	100	1.3	100	31.119	100	5.419	100	7.2	100	1.162	100	2.3	100	2.7	100	0.345	100	0.5	100	0.665	100	4.068	100		
SE0011R	manganese	1.1	100	1.5	100	2.008	100	5.1	100	15.947	100	8.8	100	5.013	100	2.604	100	17.7	100	4.127	100	2.6	100	1.3	100	5.979	100		
SE0051R	manganese	12.8	100	4.5	100	5.5	100	28.8	100	18.291	100	9.055	100	4.4	100	5.7	100	6.4	100	3	100	2.2	100	3.3	100	6.228	100		
SE0097R	manganese	0.6	100	0.563	100	0.4	100	4.6	62	4.015	100	2.031	100	6.34	100	3.485	100	1.9	100	17.069	100	0.506	100	1.4	100	4.301	100		
BE0014R	mercury	3	100	4	100	7	99	11	97	14	97	14	99	17	100	23	96	7	97	5	100	5	100	4	100	8	99		
DE0001R	mercury	10	100	14	100	6	100	6	100	9	100	10	100	8	100	11	100	4	100	5	100	3	100	3	100	7	100		
DE0002R	mercury	5	100	7	100	7	100	16	100	12	100	8	100	8	100	17	100	8	100	5	100	3	100	4	100	7	100		
DE0003R	mercury	7	100	11	100	6	100	19	100	22	100	9	100	16	100	14	100	6	100	5	100	4	100	2	100	9	100		
DE0008R	mercury	6	100	5	100	6	100	7	100	9	100	7	100	7	100	11	100	4	100	5	100	3	100	4	100	6	100		
DE0009R	mercury	7	100	6	100	4	100	8	100	10	100	5	100	7	100	7	100	4	100	6	100	3	100	3	100	5	100		
EE0009R	mercury	25	100	25	100	25	100	25	100	25	100	25	100	25	100	25	100	25	100	25	100	25	100	-	-	25	100		
ES0008R	mercury	5	100	9	100	3	100	3	100	14	100	5	100	6	100	6	100	3	97	10	96	8	100	11	100	7	100		
FI0036R	mercury	6	100	6	100	6	100	10	100	3	100	8	100	10	100	7	100	4	100	6	100	2	100	5	100	5	100		
GB0013R	mercury	3	100	3	100	6	100	6	100	3	100	6	100	4	100	4	100	3	100	3	100	2	100	3	100	3	100		
GB0017R	mercury	3	100	5	100	7	100	13	100	10	100	7	100	5	100	7	100	11	100	4	100	5	100	5	100	5	100		
GB0091R	mercury	3	100	3	100	5	100	6	100	8	100	9	100	3	100	3	100	4	100	4	100	3	100	-	-	4	100		
IE0001R	mercury	50	100	50	100	392	100	56	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	63	100		
LV0010R	mercury	30	100	30	100	30	100	30	100	10	100	30	100	30	100	30	100	99	30	100	30	100	30	97	30	61	30	96	
LV0016R	mercury	30	100	30	100	30	100	-	-	30	82	30	100	30	100	30	100	30	95	30	95	30	99	30	99	30	77	30	96
NL0091R	mercury	7	100	7	100	8	100	22	100	13	100	11	100	12	100	16	100	6	100	9	100	6	100	4	100	9	100		
NO0001R	mercury	7	100	9	100	14	100	28	100	17	100	11	100	10	100	10	100	5	100	6	100	11	100	5	100	9	100		
PT0002R	mercury	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	82	30	100	30	100	30	100	30	100	-	-		
PT0004R	mercury	30	100	30	100	30	100	30	100	30	100	30	100	-	-	-	-	30	100	30	100	30	100	30	100	30	100	30	100
SE0005R	mercury	5	100	5	100	11	100	9	100	6	100	6	100	6	100	7	100	6	100	10	100	4	100	20	100	6	100	100	100
SE0011R	mercury	14	100	15	100	25	100	19	100	10	100	7	100	14	100	9	100	7	100	7	100	7	100	11	100	10	100	10	100
SE0014R	mercury	11	100	15	100	17	100	34	100	25	100	22	100	10	100	12	100	8	100	12	100	8	100	6	100	14	100	100	100
SI0008R	mercury	5	100	6	100	5	100	6	100	7	100	5	100	9	100	11	100	7	100	4	100	4	100	3	100	6	100	6	100
BE0014R	nickel	0.368	98	0.357	100	0.444	99	6.023	97	0.731	98	0.464	99	0.852	98	0.976	91	0.674	97	0.47	100	0.4	100	0.467	100	0.78	99		
CZ0001R	nickel	2.826	100	0.674	100	0.541	100	3.466	100	0.545	100	0.5	100	0.5	100	0.694	100	0.735	100	0.5	100	0.58	100	0.5	85	0.605	99		
CZ0003R	nickel	0.5	94	2.077	100	0.5	100	1.905	100	0.788	100	1.271	100	1.314	100	0.741	100	1.298	100	0.5	100	0.5	100	0.68	77	1.008	99		
DE0001R	nickel	0.281	100	0.223	100	0.229	100	0.341	100	0.413	100	0.434	100	0.218	100	0.238	100	0.172	98	0.229	100	0.16	100	0.158	100	0.236	100		
DE0002R	nickel	0.126	99	0.194	100	0.271	100	0.512	98	0.238	100	0.311	100	0.173	100	0.52	99	0.234	95	0.145	100	0.112	100	0.141	100	0.198	100		
DE0003R	nickel	0.264	100	0.18	100	0.122	100	0.531	100	0.367	100	0.164	100	0.218	100	0.331	100	0.185	100	0.123	100	0.127	100	0.088	100	0.184	100		
DE0007R	nickel	0.789	97	0.717	96	0.531	99	1.875	88	0.515	100	0.28	100	0.415	100	0.391	100	0.316	100	0.435	100	0.229	100	0.195	100	0.397	100		
DE0008R	nickel	0.582	100	0.41	100	0.27	100	0.66	100	0.413	100	0.284	100	0.214	100	1.2	55	0.4	100	0.8	100	0.532	100	0.128	100	0.415	99		
DE0009R	nickel	0.584	71	0.563	99	0.459	100	1.24	100	0.511	100	0.592	100	0.523	100	0.48	94	0.624	100	0.325	100	0.185	100	0.459	100	0.468	99		
DK0008R	nickel	0.199	100	0.256	100	1.635	100	0.338	100	0.76	100	0.617	100	0.52	100	0.511	100	0.358	100	0.42	100	0.34	100	0.34	100	0.54	100		
DK0022R	nickel	0.279	100	0.254	100	0.345	100	0.398	100	0.757	100	0.392	100	0.601	100	0.444	100	0.201	100	0.285	100	0.585	100	0.23	100	0.431	100		
DK0031R	nickel	0.737	100	0.605	100	0.827	100	0.179	100	0.28	100	0.318	100	0.551	100	0.452	100	0.324	100	0.415	100	0.41	100	0.41	100	0.479	100		
EE0009R	nickel	0.5																											

Site	Comp	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		2009			
		avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
ES0008R	nickel	0.875	100	0.515	100	0.515	100	0.773	100	1.424	100	1.266	100	1.046	100	0.898	100	0.527	100	0.539	100	0.515	100	0.515	100	0.515	100	0.716	100
ES0009R	nickel	177.991	100	98.46	100	0.515	100	2.233	100	2.021	100	0.699	100	-	-	0.515	100	0.515	100	2.399	100	0.624	100	2.852	100	18.58	100	18.58	100
FI0008R	nickel	0.3	100	0.56	100	-	-	0.18	100	3.52	100	2.24	100	2.59	100	0.6	100	0.07	100	0.59	100	0.47	100	2.97	100	1.614	100	1.614	100
FI0017R	nickel	0.56	100	1	100	3.15	100	1.51	100	-	-	0.16	100	0.09	100	0.13	100	0.17	100	0.09	100	0.49	100	0.57	100	0.295	98	0.295	98
FI0022R	nickel	0.16	100	0.15	100	0.38	100	0.23	100	0.17	100	0.37	100	0.12	100	0.12	100	0.14	100	0.14	100	0.25	100	0.35	100	0.185	100	0.185	100
FI0036R	nickel	0.2	100	0.18	100	0.8	100	0.27	100	0.23	100	0.11	100	0.28	100	0.3	100	0.07	100	0.09	100	0.05	100	0.18	100	0.168	100	0.168	100
FI0053R	nickel	0.3	100	0.21	100	1	100	0.45	100	0.23	100	0.86	100	0.08	100	0.12	100	0.11	100	0.16	100	0.33	100	0.47	100	0.223	100	0.223	100
FI0092R	nickel	0.11	100	0.25	100	0.42	100	0.51	100	0.59	100	0.08	100	0.05	100	0.13	100	0.13	100	-	-	0.15	100	0.22	100	0.148	100	0.148	100
FI0093R	nickel	0.31	100	0.34	100	0.33	100	0.13	100	0.19	100	0.08	100	0.17	100	0.17	100	0.23	100	0.17	100	0.62	100	0.32	100	0.249	100	0.249	100
FR0009R	nickel	0.198	100	0.466	100	0.122	100	0.331	100	0.235	100	0.222	100	0.830	100	0.440	100	0.404	100	0.115	100	0.319	100	0.187	100	0.303	100	0.303	100
FR0013R	nickel	0.075	100	0.350	100	0.171	100	0.224	100	0.351	100	0.665	100	0.418	100	3.374	100	0.794	100	0.071	100	0.075	100	0.075	100	0.353	100	0.353	100
FR0090R	nickel	0.41	100	1.1	100	0.7	100	0.52	100	0.82	100	0.58	100	0.43	100	0.7	100	1.51	100	0.39	100	0.27	100	0.33	100	0.503	100	0.503	100
GB0006R	nickel	0.046	100	0.057	100	0.031	100	0.055	100	0.196	100	0.059	100	0.062	100	0.03	100	0.037	100	0.085	100	0.014	100	0.013	100	0.06	97	0.06	97
GB0013R	nickel	0.263	100	0.15	99	0.066	98	0.214	92	0.232	84	0.37	95	0.211	86	0.291	99	0.091	99	0.183	100	0.18	100	0.184	100	0.201	94	0.201	94
GB0017R	nickel	0.295	84	0.201	100	0.252	100	0.524	100	0.471	100	0.246	100	0.191	100	0.146	100	0.28	100	0.312	100	0.392	100	0.831	76	0.342	95	0.342	95
GB0091R	nickel	0.093	97	0.114	100	0.07	92	0.253	84	0.174	58	0.112	17	0.085	100	0.216	100	0.037	99	0.102	81	0.187	84	0.019	69	0.119	82	0.119	82
IE0001R	nickel	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100
IS0090R	nickel	0.654	100	0.904	100	1.493	99	0.439	100	0.795	100	0.697	76	11.149	100	0.65	100	0.644	100	0.441	100	0.715	99	3.417	100	0.87	99	0.87	99
IS0091R	nickel	0.183	100	0.146	72	0.394	69	0.105	100	0.114	96	0.177	99	0.226	97	0.143	100	0.092	100	0.173	59	0.389	97	-	-	0.183	86	0.183	86
LV0010R	nickel	0.57	99	0.565	95	1.652	100	2.057	100	0.455	100	0.4	96	0.437	100	0.625	99	0.831	100	0.4	100	3.073	31	1.965	91	0.901	89	0.901	89
LV0016R	nickel	0.939	100	0.4	100	0.818	79	-	-	1.35	100	1.47	100	0.432	100	0.741	62	0.91	95	0.507	100	2.015	100	0.867	96	0.918	95	0.918	95
NL0009R	nickel	0.205	100	0.205	100	0.225	100	0.26	100	0.205	100	0.205	100	0.205	100	0.301	100	0.891	100	0.205	100	0.375	100	0.206	100	0.292	100	0.292	100
NL0091R	nickel	0.205	100	0.215	100	0.231	100	0.385	100	0.205	100	0.205	100	0.392	100	0.249	100	0.213	100	0.205	100	0.245	100	0.205	100	0.242	100	0.242	100
NO0001R	nickel	0.228	100	0.193	100	0.405	100	0.303	99	0.393	100	0.1	100	0.111	100	0.275	100	0.141	100	0.11	100	0.158	100	0.159	100	0.191	100	0.191	100
PL0004R	nickel	0.2	100	0.33	100	0.24	100	0.92	100	0.12	100	0.13	100	0.15	100	0.1	100	0.13	100	0.16	100	0.28	100	0.23	100	0.176	100	0.176	100
PL0005R	nickel	0.649	100	0.392	100	0.196	100	1	100	0.141	100	0.407	100	0.24	100	0.142	100	0.289	100	0.265	100	0.429	100	0.299	100	0.299	100	0.299	100
PT0001R	nickel	2.353	79	0.775	63	3.865	73	-	-	-	-	0.775	80	-	-	-	-	-	-	1.372	88	2	49	2	13	-	-	-	-
PT0002R	nickel	-	-	-	-	-	-	-	-	-	-	-	-	2.6	100	1.368	100	0.972	100	0.1	100	0.1	100	0.1	100	0.1	100	0.1	100
PT0003R	nickel	0.775	84	0.775	98	0.775	86	0.775	81	0.775	88	0.775	89	0.775	89	0.775	94	-	-	0.941	71	2	91	2	68	1.275	81	1.275	81
PT0004R	nickel	0.1	100	0.1	100	0.1	100	0.263	100	2.1	100	2.1	100	-	-	-	-	1.8	100	0.579	100	0.391	100	0.1	100	0.247	100	0.247	100
PT0004R	nickel	1.951	93	0.775	93	0.775	62	0.775	94	-	-	0.775	66	-	-	-	-	-	-	0.775	83	0.885	91	1.786	100	1.453	93	1.453	93
PT0010R	nickel	0.775	96	0.775	72	0.775	95	0.775	88	0.775	89	0.775	77	0.775	98	0.775	98	0.775	36	0.775	98	1.579	85	4.444	24	1.167	69	1.167	69
SE0005R	nickel	0.564	100	0.322	100	0.46	100	0.207	100	0.269	100	0.18	100	0.035	100	0.12	100	0.072	100	0.053	100	0.1	100	0.322	100	0.138	100	0.138	100
SE0011R	nickel	1.38	100	2.17	100	0.28	100	0.18	100	0.248	100	0.2	100	0.189	100	0.162	100	0.075	100	0.179	100	0.16	100	0.25	100	0.319	100	0.319	100
SE0051R	nickel	0.13	100	0.12	100	0.09	100	0.16	100	0.242	100	0.265	100	0.22	100	0.31	100	0.12	100	0.5	100	0.15	100	0.26	100	0.226	100	0.226	100
SE0097R	nickel	0.95	100	0.829	100	0.3	100	0.29	62	0.265	100	0.167	100	0.112	100	0.188	100	0.18	100	0.104	100	0.143	100	0.17	100	0.184	100	0.184	100
SI0008R	nickel	0.265	100	0.397	100	0.251	100	0.176	100	0.518	100	0.159	100	0.346	100	0.252	100	0.514	100	0.197	100	0.262	100	0.150	100	0.250	100	0.250	100
SK0002R	nickel	0.67	100	0.65	100	0.5	100	2	100	0.86	100	0.57	100	0.76	100	0.69	100	1.59	100	0.76	100	0.47	100	0.65	100	0.644	100	0.644	100
SK0004R	nickel	0.92	100	10.45	100	0.51	100	0.93	100	0.37	100	0.35	100	0.52	100	0.05	100	0.33	100	0.07	100	1.64	100	0.54	100	0.92	100	0.92	100
SK0006R	nickel	1.44	100	0.46	100	0.68	100	0.76	100	0.62	100	0.43	100	0.42	100	0.95	100	0.43	100	0.54	100	0.05	100	5.64	100	0.913	100	0.913	100
SK0007R	nickel	1.7	100	1.16	100	0.18	100	6.74	100	0.49	100	0.34	100	0.31	100	0.16	100	0.3	100	0.09	100	0.06	100	2.38	100	0.619	100	0.619	100
DE0001R	thallium	0.003	100	0.005	100	0.004	100	0.003	100	0.003	100	0.001	100	0.002	100	0.004	100	0.001	98	0.002	100	0.003	100	0.005	100	0.003	100	0.003	100
DE0002R	thallium	0.004	99	0.004	100	0.005	100	0.011	98	0.007	100	0.004	100	0.003	100	0.006	99	0.003	95	0.003	100	0.003	100	0.003	100	0.004	100	0.004	100
DE0003R	thallium	0.004	100	0.003	100	0.002	100	0.011	100	0.008	100	0.003	100	0.003	100	0.004	100	0.002	100	0.006	100	0.003	100	0.002	100	0.004	100	0.004	100
DE0007R	thallium	0.009	97	0.01	96	0.005	99	0.008	88	0.005	100	0.002	100	0.004	100	0.005	100	0.002	100	0.003	100	0.007	100	0.008	100	0.004	100	0.004	100
DE0008R	thallium	0.005	100	0.004	100	0.005	100	0.021	100	0.007	100	0.002	100	0.003	100	0.007	97	0.005	100	0.005									

Site	Comp		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		2009	
			avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
GB0013R	precipitation_amount	Hg	149	100	100	100	25	100	51	100	47	100	43	100	107	100	73	100	58	100	115	100	93	47	43	61	903	92
GB0017R	precipitation_amount		51	100	41	100	22	100	11	100	19	100	39	100	70	100	56	100	18	100	28	100	69	100	78	100	501	100
GB0017R	precipitation_amount	Hg	153	174	32	100	24	100	15	100	23	100	36	100	63	100	28	100	16	100	56	97	4	10	35	81	486	97
GB0091R	precipitation_amount		55	90	41	100	33	100	20	100	77	100	68	100	162	100	80	100	56	100	156	100	118	100	57	100	922	99
GB0091R	precipitation_amount	Hg	54	68	43	100	33	100	22	100	58	100	52	100	142	100	54	100	60	100	159	100	100	97	-	-	777	89
HU0002R	precipitation_amount		49	97	32	96	32	97	1	97	32	97	46	97	31	97	30	97	9	97	67	97	81	97	60	97	469	97
IE0001R	precipitation_amount		291	100	53	100	81	100	167	100	102	100	98	100	247	100	273	100	96	100	228	100	346	100	187	100	2168	100
IS0090R	precipitation_amount		88	100	59	100	68	100	97	100	56	100	20	100	9	100	56	100	89	100	126	100	55	100	9	19	731	93
IS0091R	precipitation_amount		240	100	190	100	174	100	219	100	56	100	46	100	25	100	112	100	207	100	271	100	123	100	-	-	1661	92
IT0001R	precipitation_amount		133	102	85	100	94	100	101	100	18	100	0	100	139	100	0	100	118	100	78	100	76	100	84	100	920	100
LV0010R	precipitation_amount		50	100	24	100	69	100	5	100	31	100	42	100	117	100	55	100	69	100	96	100	107	100	52	100	716	100
LV0016R	precipitation_amount		38	100	31	100	45	100	1	100	21	100	130	100	126	100	68	100	96	100	116	100	53	100	70	100	793	100
NL0009R	precipitation_amount		28	84	47	93	58	90	16	93	69	94	65	93	122	94	54	90	61	93	66	94	85	93	58	94	728	92
NL0091R	precipitation_amount		50	84	49	93	32	90	11	93	89	94	51	93	92	94	17	90	32	93	74	94	127	93	94	94	719	92
NL0091R	precipitation_amount	Hg	52	100	45	100	30	77	14	100	91	61	39	93	85	100	16	100	31	77	71	100	122	100	89	94	685	92
NO0001R	precipitation_amount		202	100	55	100	126	100	43	90	75	100	55	100	234	100	113	100	94	100	211	100	400	100	190	100	1798	99
NO0001R	precipitation_amount	Hg	201	100	57	100	120	100	37	100	62	100	52	100	242	100	112	100	84	100	221	100	409	100	213	100	1806	100
NO0039R	precipitation_amount		83	100	137	100	95	100	9	100	84	100	126	100	133	100	124	100	299	100	208	100	38	100	35	100	1371	100
NO0055R	precipitation_amount		1	100	4	100	0	100	6	100	62	100	47	100	52	100	59	100	32	100	7	100	9	100	7	100	285	100
NO0056R	precipitation_amount		71	100	53	100	54	100	43	100	53	100	36	100	190	100	129	100	33	100	79	100	184	100	66	100	991	100
NO0382R	precipitation_amount		43	100	53	100	34	100	46	100	39	100	32	100	168	100	104	100	-	-	-	-	-	-	-	-	518	67
PL0004R	precipitation_amount		25	100	39	100	38	100	5	100	60	100	53	100	129	100	84	100	60	100	98	100	47	100	46	100	681	100
PL0005R	precipitation_amount		19	100	26	100	57	100	4	100	59	100	122	100	81	100	54	100	27	100	71	100	48	100	31	90	601	99
PT0001R	precipitation_amount_off		108	100	61	100	15	100	23	100	22	100	23	100	19	100	3	100	4	100	109	100	83	100	217	100	679	100
PT0002R	precipitation_amount_Hg		-	-	-	-	-	-	-	-	-	-	-	0	74	0	100	1	100	7	100	9	100	17	97	35	60	
PT0003R	precipitation_amount_off		242	100	78	100	36	100	85	100	68	100	110	100	73	100	12	100	8	100	231	100	281	100	365	100	1583	100
PT0004R	precipitation_amount_Hg		98	84	53	100	7	100	11	100	10	100	4	100	0	100	0	100	1	100	26	100	61	100	147	87	416	98
PT0004R	precipitation_amount_off		143	100	80	100	9	100	50	100	3	100	8	100	0	100	0	100	2	100	26	100	57	100	210	100	584	100
PT0010R	precipitation_amount_off		94	100	146	100	27	100	23	100	44	100	69	100	108	100	25	100	111	100	134	100	119	100	266	94	1166	100
SE0005R	precipitation_amount		9	58	8	100	14	100	30	100	39	100	60	100	116	100	62	100	40	100	42	100	71	100	13	94	505	96
SE0005R	precipitation_amount_Hg		2	13	17	100	8	100	13	100	37	100	54	100	89	100	89	100	48	100	13	100	34	100	6	94	412	92
SE0011R	precipitation_amount		24	100	25	100	37	100	3	97	61	100	83	97	85	100	81	100	46	97	73	97	98	97	40	100	656	99
SE0011R	precipitation_amount_Hg		1	3	22	100	20	100	11	100	63	100	95	100	97	100	97	100	53	100	69	100	50	100	27	97	605	92
SE0014R	precipitation_amount		17	94	14	100	21	100	11	100	40	100	57	100	82	100	82	100	44	100	14	100	55	100	21	100	458	99
SE0051R	precipitation_amount		24	100	23	100	30	100	22	100	17	84	51	97	102	97	31	97	82	100	78	100	103	100	28	100	591	98
SE0097R	precipitation_amount		1	6	20	100	38	100	5	100	53	100	67	100	104	100	77	100	96	100	97	100	134	100	85	97	778	92
SI0008R	precipitation_amount		92	113	89	100	138	100	124	100	49	100	128	100	97	100	62	100	51	100	115	100	106	100	233	100	1283	101
SI0008R	precipitation_amount_Hg		95	100	159	100	115	100	130	100	26	58	139	97	135	100	71	100	58	100	46	100	114	100	205	90	1292	95
SK0002R	precipitation_amount		58	100	180	100	425	100	6	100	59	100	159	100	64	100	90	100	39	100	81	100	50	100	49	100	1258	100
SK0004R	precipitation_amount		22	100	42	100	71	100	12	100	65	100	134	100	121	100	105	100	47	100	110	100	32	100	67	100	827	100
SK0006R	precipitation_amount		21	100	13	100	66	100	47	100	68	100	58	100	100	100	69	100	54	100	107	100	89	100	54	100	745	100
SK0007R	precipitation_amount		37	100	44	100	41	100	2	100	43	100	110	100	55	100	65	100	25	100	65	100	57	100	58	100	600	100

Precip+dry dep:

Site	Comp	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		2009	
		avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
ES0001R	arsenic	-	-	-	-	-	-	-	-	-	-	0.14	30	0.14	100	0.14	48	-	-	-	-	-	-	-	-	-	-
ES0001R	cadmium	-	-	-	-	-	-	-	-	-	-	0.11	30	0.11	100	0.11	48	-	-	-	-	-	-	-	-	-	-
ES0001R	mercury	-	-	-	-	-	-	-	-	-	-	0.004	30	0.004	100	0.004	48	-	-	-	-	-	-	-	-	-	-
ES0001R	nickel	-	-	-	-	-	-	-	-	-	-	0.53	30	0.53	100	0.53	48	-	-	-	-	-	-	-	-	-	-
ES0007R	arsenic	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	26	0.1	100	0.1	58	-	-	-	-	-	-	-
ES0007R	cadmium	-	-	-	-	-	-	-	-	-	-	-	-	0.02	26	0.02	100	0.02	58	-	-	-	-	-	-	-	-
ES0007R	mercury	-	-	-	-	-	-	-	-	-	-	-	-	0.006	26	0.006	100	0.006	58	-	-	-	-	-	-	-	-
ES0007R	nickel	-	-	-	-	-	-	-	-	-	-	-	-	0.85	26	0.85	100	0.85	58	-	-	-	-	-	-	-	-
ES0008R	arsenic	-	-	-	-	-	0.29	37	0.29	100	0.29	57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ES0008R	cadmium	-	-	-	-	-	0.08	37	0.08	100	0.08	57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ES0008R	mercury	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ES0008R	nickel	-	-	-	-	-	1.73	37	1.73	100	1.73	57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ES0014R	arsenic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.08	19	0.08	100	0.08	61	-	-	-
ES0014R	cadmium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11	19	0.11	100	0.11	61	-	-	-
ES0014R	mercury	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ES0014R	nickel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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
CY0002R	aluminium	aerosol	2550	1774	1493	1029	525	632	1027	781	-	922	1545	-	1252
DK0010G	aluminium	aerosol	38	42	50	83	31	20	17	26	33	15	17	30	34
ES1778R	aluminium	pm1	-	110	38	-	-	-	12	-	87	78	5	11	-
ES1778R	aluminium	pm25	25	39	68	29	177	83	34	99	38	93	74	22	67
FI0017R	aluminium	aerosol	108	37	197	306	791	241	125	138	103	140	110	166	209
FI0036R	aluminium	aerosol	8	19	27	74	26	15	12	13	5	5	4	5	18
FI0037R	aluminium	aerosol	9	9	36	40	73	60	51	40	20	30	23	25	35
IS0091R	aluminium	aerosol	72	56	401	211	519	67	456	177	44	219	1141	523	324
SI0008R	aluminium	pm10	71	41	56	93	201	51	77	107	85	62	106	76	86
SI0008R	aluminium	pm25	46	36	44	51	76	36	52	61	36	43	106	141	59
DE0001R	antimony	aerosol	0.48	0.63	0.36	0.56	0.27	0.17	0.28	0.31	0.31	0.44	0.45	0.42	0.39
DE0002R	antimony	aerosol	0.92	0.70	0.47	0.70	0.36	0.25	0.38	0.42	0.54	0.69	0.63	0.59	0.56
DE0003R	antimony	aerosol	0.18	0.16	0.28	0.56	0.29	0.33	0.24	0.33	0.52	0.29	0.12	0.23	0.30
DE0007R	antimony	aerosol	1.09	0.74	0.51	0.69	0.22	0.35	0.27	0.31	0.45	0.56	0.68	0.81	0.56
DE0008R	antimony	aerosol	0.34	0.22	0.23	0.70	0.35	0.28	0.30	0.40	0.52	0.27	0.21	0.25	0.34
DE0009R	antimony	aerosol	0.66	0.56	0.45	0.61	0.30	0.21	0.34	0.33	0.37	0.49	0.58	0.60	0.46
ES1778R	antimony	pm1	-	0.27	0.091	-	-	-	0.063	-	0.183	0.492	0.081	0.097	-
ES1778R	antimony	pm10	0.2	0.256	0.394	0.22	0.373	0.362	0.216	0.262	0.215	0.44	0.241	0.068	0.281
ES1778R	antimony	pm25	0.16	0.1	0.118	0.107	0.207	0.173	0.078	0.118	0.183	0.271	0.187	0.12	0.153
AT0002R	arsenic	pm10	1.68	0.69	0.56	0.72	0.22	0.31	0.32	0.51	0.59	0.91	0.38	1.23	0.67
BE0014R	arsenic	aerosol	1.44	1.43	1.30	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.29	1.28
CY0002R	arsenic	aerosol	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	-	0.19	0.19	0.19	0.19
CZ0001R	arsenic	pm10	1.13	0.32	0.85	0.63	0.41	0.84	0.37	0.30	0.39	0.55	0.47	0.37	0.52
CZ0003R	arsenic	pm10	1.81	0.73	0.70	0.75	0.65	0.44	0.26	0.34	0.61	0.58	0.43	1.28	0.72
CZ0003R	arsenic	pm10	1.81	0.73	0.70	0.75	0.65	0.44	0.26	0.34	0.61	0.58	0.43	1.28	0.72
CZ0003R	arsenic	pm25	1.63	0.74	0.54	0.55	0.58	0.42	0.24	0.31	0.53	0.52	0.46	1.15	0.63
DE0001R	arsenic	aerosol	0.46	0.39	0.32	0.62	0.19	0.18	0.20	0.21	0.26	0.32	0.37	0.45	0.33
DE0002R	arsenic	aerosol	0.90	0.61	0.36	0.72	0.27	0.22	0.21	0.29	0.48	0.82	0.36	0.60	0.50
DE0003R	arsenic	aerosol	0.18	0.09	0.14	0.32	0.18	0.16	0.11	0.17	0.28	0.12	0.05	0.16	0.16
DE0007R	arsenic	aerosol	0.97	1.04	0.47	0.69	0.20	0.13	0.24	0.49	0.39	0.74	0.91	1.33	0.63
DE0008R	arsenic	aerosol	0.54	0.22	0.15	0.78	0.23	0.13	0.15	0.20	0.41	0.19	0.14	0.29	0.29
DE0009R	arsenic	aerosol	0.86	0.66	0.42	0.48	0.27	0.22	0.25	0.40	0.27	0.69	0.77	1.52	0.56
DK0003R	arsenic	aerosol	0.77	0.66	0.63	1.23	1.58	0.42	0.23	0.38	0.53	0.67	0.60	1.12	0.70
DK0005R	arsenic	aerosol	0.49	0.53	0.49	0.50	0.17	0.23	0.20	0.34	0.29	0.50	0.37	0.39	0.38
DK0008R	arsenic	aerosol	0.38	0.41	0.32	0.49	0.16	0.10	0.15	0.20	0.17	0.29	0.28	0.26	0.27
DK0010G	arsenic	aerosol	0.20	0.14	0.16	0.12	0.02	0.01	0.01	0.02	0.01	0.01	0.01	0.08	0.06
DK0031R	arsenic	aerosol	0.44	0.44	0.35	0.72	0.19	0.12	0.14	0.20	0.18	0.32	0.29	0.43	0.32
ES0001R	arsenic	pm10	-	-	-	-	-	0.16	0.13	0.24	-	-	-	-	-
ES0007R	arsenic	pm10	-	-	-	-	-	-	-	0.10	0.10	0.25	-	-	-
ES0008R	arsenic	pm10	0.18	0.19	0.17	0.23	0.15	0.22	0.16	0.14	0.32	0.22	0.11	0.08	0.18
ES0009R	arsenic	pm10	0.07	0.11	0.06	0.12	0.13	0.10	0.17	0.17	0.22	0.13	0.53	0.06	0.15
ES0014R	arsenic	pm10	-	-	-	-	-	-	-	-	-	0.40	0.11	0.10	-
ES1778R	arsenic	pm1	-	0.15	0.161	-	-	-	0.062	-	0.197	0.245	0.098	0.048	-
ES1778R	arsenic	pm10	0.152	0.148	0.312	0.21	0.325	0.274	0.178	0.246	0.2	0.256	0.247	0.056	0.225
ES1778R	arsenic	pm25	0.111	0.106	0.17	0.127	0.187	0.197	0.11	0.14	0.227	0.233	0.183	0.077	0.157

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
FI0017R	arsenic	aerosol	0.38	0.52	0.29	0.31	0.28	0.17	0.29	0.19	0.29	0.16	0.26	0.58	0.31
FI0036R	arsenic	aerosol	0.10	0.22	0.13	0.11	0.18	0.09	0.09	0.08	0.05	0.06	0.07	0.17	0.11
FI0037R	arsenic	aerosol	0.12	0.17	0.11	0.13	0.14	0.08	0.03	0.12	0.16	0.12	0.14	0.41	0.14
FR0009R	arsenic	aerosol	0.62	0.31	0.34	0.32	0.17	0.29	0.15	0.28	0.37	0.22	0.23	0.18	0.29
FR0013R	arsenic	aerosol	0.28	0.29	0.23	0.18	0.19	0.33	0.21	0.22	0.26	0.23	0.21	0.29	0.24
GB0013R	arsenic	pm10	0.55	0.57	0.34	0.41	0.24	0.33	0.13	0.17	0.28	0.48	0.33	0.78	0.37
GB0017R	arsenic	pm10	0.78	0.58	0.61	0.50	0.32	0.19	0.28	0.38	0.32	0.63	1.01	0.61	0.50
GB0091R	arsenic	pm10	0.45	0.27	0.40	0.36	0.11	0.37	0.13	0.24	0.11	0.32	0.28	0.39	0.28
IS0091R	arsenic	aerosol	0.04	0.03	0.11	0.06	0.10	0.05	0.07	0.05	0.04	0.04	0.10	0.08	0.06
LV0010R	arsenic	pm10	0.88	0.42	0.22	0.07	0.07	0.08	0.09	0.11	0.14	0.42	0.36	0.71	0.31
NL0008R	arsenic	aerosol	1.04	0.68	0.47	0.91	0.46	0.39	0.32	0.40	0.48	0.57	0.51	0.65	0.57
NL0009R	arsenic	aerosol	0.58	0.50	0.36	0.18	0.27	0.24	0.28	0.29	0.43	0.84	0.24	0.31	0.40
NL0010R	arsenic	aerosol	1.18	0.90	0.56	0.95	0.51	0.39	0.32	0.50	0.55	0.53	0.30	0.58	0.60
NO0001R	arsenic	pm10	0.24	0.09	0.13	0.53	0.21	0.15	0.19	0.22	0.16	0.22	0.17	0.15	0.21
NO0042G	arsenic	aerosol	0.10	0.13	0.23	0.13	0.02	0.01	0.01	0.01	0.02	0.02	0.02	0.06	0.06
PL0005R	arsenic	pm10	1.37	0.42	0.33	0.31	0.17	0.14	0.17	0.09	0.07	0.15	0.45	0.45	0.34
SE0005R	arsenic	aerosol	0.05	0.01	0.04	0.10	0.01	0.01	0.01	0.06	0.01	0.01	0.01	0.11	0.04
SE0011R	arsenic	aerosol	0.25	0.16	0.14	0.34	0.19	0.13	0.42	-	0.21	0.49	0.49	-	0.24
SE0012R	arsenic	aerosol	0.47	0.28	0.23	0.13	0.26	0.16	0.20	0.24	0.26	0.25	0.12	0.33	0.23
SE0014R	arsenic	aerosol	0.22	0.40	0.22	0.81	0.10	0.12	0.13	0.24	0.20	0.37	0.29	0.60	0.31
SI0008R	arsenic	pm10	1.19	0.33	0.21	0.32	0.26	0.27	0.24	0.29	0.51	0.26	0.24	0.37	0.39
SI0008R	arsenic	pm25	1.07	0.30	0.20	0.27	0.19	0.25	0.23	0.26	0.51	0.19	0.24	0.36	0.35
SK0002R	arsenic	aerosol	0.13	0.08	0.18	0.37	0.31	0.25	0.32	0.48	0.46	0.13	0.12	0.10	0.24
SK0004R	arsenic	pm10	1.21	0.70	0.50	0.62	0.48	0.44	0.49	0.52	0.57	0.52	0.47	0.85	0.61
SK0006R	arsenic	pm10	0.85	0.68	0.64	0.56	0.44	0.47	0.56	0.43	0.48	0.38	0.47	0.73	0.56
SK0007R	arsenic	pm10	2.21	1.11	0.76	1.21	0.70	0.50	0.71	0.74	1.29	0.82	0.77	2.11	1.06
ES1778R	barium	pm1	-	3.09	7.089	-	-	-	0.396	-	0.563	0.48	1.13	0.321	-
ES1778R	barium	pm10	2.77	5.632	19.792	8.109	13.402	6.908	4.845	5.742	3.38	3.961	3.903	8.533	7.637
ES1778R	barium	pm25	8.093	5.84	37.247	5.372	7.757	2.352	2.137	2.174	1.438	1.784	1.201	1.327	7.164
ES1778R	bismuth	pm1	-	0.07	0.056	-	-	-	0.022	-	0.038	0.095	0.005	0.042	-
ES1778R	bismuth	pm10	0.078	0.082	0.096	0.085	0.205	0.086	0.062	0.068	0.08	0.104	0.044	0.034	0.087
ES1778R	bismuth	pm25	0.051	0.039	0.048	0.07	0.091	0.053	0.043	0.036	0.069	0.086	0.024	0.05	0.055
AT0002R	cadmium	pm10	0.424	0.2	0.134	0.346	0.081	0.098	0.078	0.116	0.146	0.315	0.174	0.412	0.209
BE0014R	cadmium	aerosol	0.331	0.371	0.343	0.319	0.276	0.26	0.275	0.3	0.282	0.308	0.26	0.373	0.309
CY0002R	cadmium	aerosol	0.215	0.233	0.12	0.18	0.162	0.083	0.173	0.187	-	0.089	0.06	0.067	0.152
CZ0001R	cadmium	pm10	0.246	0.079	0.154	0.285	0.169	0.047	0.07	0.081	0.108	0.182	0.211	0.104	0.153
CZ0003R	cadmium	pm10	0.333	0.11	0.113	0.318	0.132	0.099	0.058	0.114	0.24	0.175	0.146	0.243	0.17
CZ0003R	cadmium	pm25	0.305	0.108	0.096	0.277	0.116	0.09	0.058	0.101	0.202	0.163	0.146	0.207	0.151
DE0001R	cadmium	aerosol	0.125	0.093	0.068	0.141	0.046	0.038	0.035	0.038	0.042	0.133	0.262	0.109	0.094
DE0002R	cadmium	aerosol	0.296	0.181	0.11	0.182	0.059	0.038	0.057	0.077	0.113	0.164	0.137	0.184	0.135
DE0003R	cadmium	aerosol	0.042	0.027	0.075	0.093	0.035	0.039	0.018	0.031	0.081	0.03	0.015	0.043	0.044
DE0007R	cadmium	aerosol	0.29	0.222	0.129	0.265	0.032	0.084	0.044	0.053	0.091	0.167	0.194	0.219	0.15
DE0008R	cadmium	aerosol	0.094	0.052	0.041	0.197	0.052	0.039	0.025	0.059	0.093	0.054	0.031	0.056	0.067
DE0009R	cadmium	aerosol	0.203	0.148	0.106	0.178	0.04	0.033	0.055	0.055	0.051	0.135	0.156	0.178	0.111
EE0009R	cadmium	aerosol	0.124	0.165	0.106	0.1	0.063	0.042	0.047	0.042	0.08	0.072	0.044	0.103	0.082

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
ES0001R	cadmium	pm10	-	-	-	-	-	0.01	0.043	0.01	-	-	-	-	-
ES0007R	cadmium	pm10	-	-	-	-	-	-	-	0.02	0.02	0.125	-	-	-
ES0008R	cadmium	pm10	0.07	0.12	0.098	0.062	0.045	0.054	0.045	0.165	0.093	0.06	0.023	0.027	0.07
ES0009R	cadmium	pm10	0.023	0.058	0.018	0.025	0.025	0.013	0.015	0.025	0.07	0.025	0.05	0.015	0.029
ES0014R	cadmium	pm10	-	-	-	-	-	-	-	-	-	0.1	0.057	0.033	-
ES1778R	cadmium	pm1	-	0.08	0.061	-	-	-	0.044	-	0.08	0.095	0.055	0.06	-
ES1778R	cadmium	pm10	0.094	0.074	0.087	0.1	0.098	0.068	0.037	0.07	0.068	0.123	0.093	0.048	0.082
ES1778R	cadmium	pm25	0.076	0.064	0.069	0.087	0.091	0.048	0.024	0.065	0.118	0.104	0.087	0.066	0.075
FI0017R	cadmium	aerosol	0.116	0.182	0.099	0.115	0.049	0.066	0.048	0.039	0.126	0.057	0.114	0.208	0.1
FI0036R	cadmium	aerosol	0.026	0.089	0.032	0.024	0.023	0.012	0.013	0.013	0.007	0.007	0.027	0.043	0.026
FI0037R	cadmium	aerosol	0.036	0.052	0.029	0.034	0.025	0.02	0.021	0.027	0.034	0.028	0.052	0.122	0.04
FR0009R	cadmium	aerosol	0.108	0.127	0.065	0.022	0.055	0.087	0.011	0.038	0.159	0.101	0.056	0.052	0.073
FR0013R	cadmium	aerosol	0.027	0.085	0.058	0.013	0.041	0.021	0.009	0.002	0.07	0.05	0.058	0.058	0.041
GB0013R	cadmium	pm10	0.074	0.052	0.049	0.058	0.034	0.052	0.007	0.012	0.038	0.052	0.04	0.055	0.041
GB0017R	cadmium	pm10	0.12	0.109	0.141	0.135	0.058	0.047	0.055	0.12	0.085	0.124	0.17	0.081	0.102
GB0091R	cadmium	pm10	0.114	0.048	0.019	0.059	0.04	0.038	0.013	0.011	0.009	0.038	0.037	0.036	0.037
HU0002R	cadmium	aerosol	-	-	0.201	0.278	0.109	0.136	0.159	0.126	0.314	0.215	-	-	-
IS0091R	cadmium	aerosol	0.008	0.005	0.084	0.051	0.015	0.023	0.018	0.004	0.002	0.069	0.011	0.104	0.033
LV0010R	cadmium	pm10	0.177	0.119	0.185	0.063	0.025	0.254	0.044	0.025	0.025	0.053	0.079	0.239	0.119
NL0008R	cadmium	aerosol	0.342	0.312	0.211	0.318	0.133	0.129	0.102	0.144	0.133	0.246	0.172	0.159	0.199
NL0009R	cadmium	aerosol	-	0.125	0.138	0.091	0.098	0.091	0.111	0.091	0.098	0.18	0.124	0.164	0.121
NL0010R	cadmium	aerosol	0.414	0.322	0.234	0.318	0.123	0.135	0.113	0.133	0.187	0.244	0.144	0.213	0.213
NO0001R	cadmium	pm10	0.054	0.026	0.031	0.094	0.021	0.02	0.025	0.025	0.018	0.038	0.043	0.044	0.037
NO0042G	cadmium	aerosol	0.018	0.1	0.042	0.026	0.007	0.002	0.004	0.004	0.003	0.003	0.004	0.013	0.017
PL0005R	cadmium	pm10	0.19	0.15	0.132	0.183	0.1	0.08	0.232	0.213	0.2	0.223	0.317	0.325	0.195
SE0005R	cadmium	aerosol	0.005	0.05	0.055	0.055	0.06	0.06	0.055	0.055	0.05	0.05	0.05	0.05	0.05
SE0011R	cadmium	aerosol	0.05	0.05	0.01	0.11	0.03	0.016	0.07	-	0.005	0.11	0.11	-	0.046
SE0012R	cadmium	aerosol	0.14	0.13	0.038	0.01	0.01	0.01	0.01	0.01	0.011	0.03	0.005	0.05	0.03
SE0014R	cadmium	aerosol	0.055	0.05	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.05	0.054
SI0008R	cadmium	pm10	0.199	0.046	0.053	0.118	0.064	0.037	0.074	0.088	0.163	0.086	0.089	0.123	0.097
SI0008R	cadmium	pm25	0.208	0.088	0.077	0.123	0.094	0.063	0.087	0.091	0.185	0.093	0.103	0.122	0.113
SK0002R	cadmium	aerosol	0.011	0.013	0.012	0.097	0.057	0.023	0.041	0.051	0.09	0.017	0.011	0.021	0.037
SK0004R	cadmium	pm10	0.239	0.181	0.113	0.226	0.135	0.077	0.102	0.109	0.185	0.244	0.235	0.289	0.178
SK0006R	cadmium	pm10	0.323	0.182	0.169	0.257	0.121	0.081	0.132	0.14	0.191	0.155	0.159	0.252	0.18
SK0007R	cadmium	pm10	0.42	0.284	0.207	0.309	0.161	0.099	0.093	0.138	0.262	0.249	0.275	0.337	0.233
ES1778R	cerium	pm1	-	0.13	0.091	-	-	-	0.025	-	0.047	0.058	0.048	0.058	-
ES1778R	cerium	pm10	0.208	0.22	0.454	0.227	0.968	0.392	0.376	0.542	0.29	0.263	0.41	0.11	0.383
ES1778R	cerium	pm25	0.098	0.13	0.131	0.077	0.244	0.159	0.072	0.184	0.125	0.134	0.123	0.071	0.13
BE0014R	chromium	aerosol	2.68	5.35	3.73	3.21	3.17	4.92	3.72	3.84	3.56	3.25	2.79	3.40	3.68
CY0002R	chromium	aerosol	2.19	2.21	2.04	1.30	0.49	0.65	1.03	10.52	-	1.73	1.01	0.34	1.89
DK0003R	chromium	aerosol	0.31	0.02	0.01	0.44	0.79	0.07	0.45	0.22	0.28	0.22	0.24	0.23	0.26
DK0005R	chromium	aerosol	0.39	0.81	0.33	0.09	0.17	-0.12	0.26	0.24	0.47	0.19	0.48	0.37	0.31
DK0008R	chromium	aerosol	0.07	0.07	0.14	0.13	-0.02	-0.07	0.17	-0.05	-0.09	-0.18	0.06	0.11	0.03
DK0010G	chromium	aerosol	0.13	0.17	0.21	0.16	0.03	0.02	0.12	0.07	0.07	0.07	0.12	0.00	0.10
DK0031R	chromium	aerosol	0.19	-0.07	0.11	0.49	0.00	-0.19	0.02	0.09	0.16	0.01	-0.09	0.14	0.08

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
ES0001R	chromium	pm10	-	-	-	-	-	5.81	6.11	7.35	-	-	-	-	-
ES0007R	chromium	pm10	-	-	-	-	-	-	-	0.78	0.78	0.78	-	-	-
ES0008R	chromium	pm10	0.78	0.89	0.78	0.77	0.75	0.72	0.86	0.76	1.80	0.85	0.73	0.85	0.85
ES0009R	chromium	pm10	0.79	1.85	0.78	0.78	0.75	0.77	0.85	1.01	0.78	0.78	1.08	0.78	0.92
ES0014R	chromium	pm10	-	-	-	-	-	-	-	-	-	0.78	0.78	0.78	-
ES1778R	chromium	pm1	-	0.005	1.896	-	-	-	0.232	-	0.403	0.665	0.792	0.348	-
ES1778R	chromium	pm10	0.73	0.554	0.541	1.036	1.632	0.844	0.801	1.464	0.61	1.064	1.616	0.676	0.981
ES1778R	chromium	pm25	0.386	0.502	3.557	1.147	0.711	0.308	0.8	0.573	0.777	0.674	0.66	0.884	0.972
FI0017R	chromium	aerosol	0.51	0.43	0.42	0.51	0.45	0.31	0.24	0.17	0.18	0.05	0.25	0.61	0.34
FI0036R	chromium	aerosol	0.08	0.10	0.12	0.06	0.09	0.03	0.04	0.04	0.05	0.05	0.06	0.04	0.06
FI0037R	chromium	aerosol	0.02	0.06	0.06	0.09	0.11	0.12	0.05	0.06	0.01	0.10	0.12	0.24	0.09
FR0009R	chromium	aerosol	0.20	1.16	2.57	2.22	1.26	2.01	1.45	2.28	2.25	1.68	0.88	2.36	1.69
FR0013R	chromium	aerosol	0.17	0.25	1.25	1.39	1.52	2.27	1.98	1.94	0.81	1.64	0.29	0.63	1.19
GB0013R	chromium	pm10	3.04	0.90	1.22	0.60	0.73	0.23	1.65	1.45	0.82	1.80	0.12	1.14	1.06
GB0017R	chromium	pm10	2.25	0.68	0.33	0.42	0.34	0.58	0.35	1.91	2.37	1.04	0.13	0.86	0.86
GB0091R	chromium	pm10	0.14	2.57	3.01	1.16	0.12	0.12	0.95	0.12	2.56	1.33	0.24	1.70	1.15
IS0091R	chromium	aerosol	8.27	5.88	2.91	10.67	9.47	6.10	0.97	5.45	8.80	15.27	6.85	6.22	7.24
LV0010R	chromium	pm10	50.06	43.40	5.82	12.03	10.61	7.63	4.91	4.77	6.93	7.33	9.70	10.32	15.17
NO0001R	chromium	pm10	6.42	4.99	4.58	3.13	0.24	0.30	0.52	0.30	0.24	0.24	0.38	0.50	1.45
NO0042G	chromium	aerosol	0.13	0.12	0.11	0.10	0.06	0.06	0.06	0.05	0.09	0.20	0.41	0.09	0.14
PL0005R	chromium	pm10	1.84	1.06	2.52	0.66	0.26	0.47	1.53	0.96	0.52	2.22	1.49	0.48	1.18
SI0008R	chromium	pm10	2.82	2.24	1.80	2.09	2.35	2.12	1.80	1.95	1.80	2.09	2.34	1.94	2.13
SK0002R	chromium	aerosol	0.46	0.61	0.62	0.43	1.85	0.43	0.18	0.36	0.76	0.85	0.42	0.77	0.65
SK0004R	chromium	pm10	0.26	0.33	0.26	0.57	0.52	0.40	0.31	0.48	0.79	0.55	0.49	0.49	0.46
SK0006R	chromium	pm10	0.33	0.51	0.50	1.01	0.54	0.06	0.44	0.95	1.12	0.53	0.86	0.60	0.62
SK0007R	chromium	pm10	0.64	0.52	0.72	1.33	1.08	0.10	0.76	0.87	1.27	1.03	0.68	0.72	0.81
DE0001R	cobalt	aerosol	0.059	0.052	0.061	0.115	0.069	0.045	0.058	0.055	0.05	0.034	0.04	0.039	0.057
DE0002R	cobalt	aerosol	0.065	0.062	0.046	0.095	0.072	0.045	0.049	0.071	0.075	0.043	0.054	0.055	0.061
DE0003R	cobalt	aerosol	0.014	0.019	0.03	0.054	0.078	0.043	0.042	0.06	0.124	0.044	0.06	0.014	0.049
DE0007R	cobalt	aerosol	0.053	0.067	0.044	0.091	0.035	0.04	0.044	0.062	0.053	0.037	0.033	0.046	0.051
DE0008R	cobalt	aerosol	0.03	0.014	0.022	0.086	0.061	0.036	0.036	0.061	0.046	0.024	0.033	0.012	0.039
DE0009R	cobalt	aerosol	0.065	0.066	0.084	0.117	0.102	0.08	0.087	0.069	0.063	0.032	0.05	0.047	0.072
ES1778R	cobalt	pm1	-	0.06	0.031	-	-	-	0.017	-	0.04	0.05	0.03	0.029	-
ES1778R	cobalt	pm10	0.066	0.06	0.119	0.064	0.223	0.136	0.089	0.128	0.103	0.111	0.184	0.075	0.115
ES1778R	cobalt	pm25	0.029	0.03	0.032	0.021	0.08	0.065	0.028	0.068	0.038	0.081	0.056	0.049	0.049
FI0017R	cobalt	aerosol	0.06	0.056	0.074	0.137	0.179	0.074	0.075	0.062	0.05	0.033	0.049	0.096	0.08
FI0036R	cobalt	aerosol	0.006	0.037	0.034	0.021	0.038	0.015	0.021	0.019	0.008	0.01	0.01	0.019	0.02
FI0037R	cobalt	aerosol	0.013	0.016	0.06	0.047	0.085	0.042	0.036	0.03	0.011	0.022	0.023	0.038	0.035
NO0001R	cobalt	pm10	0.033	0.014	0.02	0.073	0.037	0.029	0.033	0.02	0.018	0.019	0.018	0.019	0.028
NO0042G	cobalt	aerosol	0.009	0.009	0.018	0.014	0.009	0.009	0.009	0.008	0.012	0.017	0.028	0.004	0.013
BE0014R	copper	aerosol	6.87	10.02	22.75	12.69	4.38	6.02	7.05	5.16	5.53	6.18	3.18	5.83	8.23
CY0002R	copper	aerosol	2.22	2.42	3.10	3.83	1.24	1.38	1.87	2.14	-	1.13	0.45	2.29	2.12
CZ0001R	copper	pm10	1.79	1.27	1.32	2.76	2.31	3.34	2.25	3.69	0.92	2.18	3.13	2.53	2.25
CZ0003R	copper	pm10	2.11	1.12	0.84	3.27	2.10	3.77	1.84	3.58	4.40	1.22	0.55	1.58	2.11
CZ0003R	copper	pm25	1.76	1.15	0.50	1.13	1.11	2.63	0.83	1.33	1.63	0.36	0.14	0.90	1.07

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
DE0001R	copper	aerosol	2.36	2.55	1.90	3.09	1.55	1.28	1.72	2.17	2.35	2.74	2.23	2.78	2.22
DE0002R	copper	aerosol	5.39	2.87	2.08	3.02	1.92	1.57	3.14	2.29	2.67	2.28	2.70	2.37	2.75
DE0003R	copper	aerosol	0.47	0.60	1.29	2.34	1.29	1.55	1.48	1.86	2.39	1.07	0.26	0.54	1.28
DE0007R	copper	aerosol	4.38	2.39	1.27	2.11	0.87	0.79	1.74	1.55	1.54	1.42	2.16	1.88	1.88
DE0008R	copper	aerosol	1.79	0.56	0.73	2.55	1.56	1.33	1.45	2.19	3.19	0.78	0.88	0.37	1.47
DE0009R	copper	aerosol	2.39	1.81	1.44	1.63	1.18	0.91	1.54	2.20	1.56	1.34	1.91	1.86	1.65
DK0003R	copper	aerosol	1.69	1.50	1.51	2.72	24.07	1.58	1.36	1.36	1.40	1.66	1.65	2.02	3.18
DK0005R	copper	aerosol	3.36	3.33	1.42	1.92	1.08	1.06	1.56	1.77	1.90	1.42	2.47	1.63	1.92
DK0008R	copper	aerosol	1.15	0.84	0.82	1.98	0.69	0.92	0.84	1.10	0.94	0.78	1.06	1.09	1.02
DK0010G	copper	aerosol	0.21	0.02	0.32	0.28	0.08	0.10	-0.17	-0.04	0.08	-0.08	-0.11	0.15	0.07
DK0031R	copper	aerosol	1.39	1.14	0.75	1.93	0.78	0.67	0.78	0.96	0.81	0.89	1.17	6.28	1.33
ES0001R	copper	pm10	-	-	-	-	-	19.19	10.01	9.15	-	-	-	-	-
ES0007R	copper	pm10	-	-	-	-	-	-	-	3.01	8.02	12.90	-	-	-
ES0008R	copper	pm10	59.19	46.17	44.49	43.89	47.05	83.95	185.54	106.39	34.82	35.06	18.07	15.17	60.46
ES0009R	copper	pm10	2.22	1.78	2.20	2.63	1.67	1.86	2.78	3.42	2.18	2.38	1.65	2.91	2.33
ES0014R	copper	pm10	-	-	-	-	-	-	-	-	-	38.66	20.70	19.76	-
ES1778R	copper	pm1	-	1.69	1.329	-	-	-	0.56	-	0.78	1.795	1.073	1.202	-
ES1778R	copper	pm10	4.118	3.468	7.885	7.393	7.677	8.33	2.942	3.512	3.315	4.096	2.609	0.782	4.858
ES1778R	copper	pm25	1.74	1.782	1.718	1.581	2.4	3.165	1.07	1.556	1.642	2.494	1.57	1.841	1.9
FI0017R	copper	aerosol	1.03	1.25	0.87	1.23	0.93	0.59	0.76	0.72	0.86	0.65	1.27	2.15	1.02
FI0036R	copper	aerosol	0.16	0.58	0.28	0.21	0.62	0.22	0.35	0.38	0.11	0.14	0.17	0.49	0.30
FI0037R	copper	aerosol	0.21	0.31	0.24	0.39	0.47	0.27	0.33	0.36	0.35	0.30	0.40	0.67	0.36
FR0009R	copper	aerosol	2.53	2.46	2.51	2.97	1.81	3.41	2.47	2.85	3.45	2.31	1.36	2.43	2.54
FR0013R	copper	aerosol	1.15	2.33	2.36	1.48	2.05	3.53	1.94	1.80	1.85	0.91	1.49	4.01	2.06
GB0013R	copper	pm10	1.38	1.10	1.19	1.62	1.13	1.33	0.12	1.17	0.75	1.48	0.25	1.58	1.08
GB0017R	copper	pm10	4.48	2.06	2.30	2.26	1.52	0.88	1.62	3.46	1.52	2.61	3.23	1.26	2.14
GB0091R	copper	pm10	0.82	0.49	0.80	1.07	2.01	0.63	0.24	0.36	0.12	0.36	0.46	1.01	0.70
IS0091R	copper	aerosol	0.48	0.40	1.29	0.69	1.23	0.48	0.92	0.53	0.39	0.85	2.40	2.54	1.02
LV0010R	copper	pm10	4.53	2.74	1.75	4.91	1.90	2.80	2.23	1.77	2.57	4.14	2.76	5.42	3.24
NO0001R	copper	pm10	0.94	0.63	0.34	2.04	0.61	0.35	0.57	0.31	0.28	0.30	1.27	0.60	0.71
NO0042G	copper	aerosol	0.24	0.51	0.43	0.30	0.13	0.25	0.54	0.35	0.18	0.45	0.28	0.08	0.30
PL0005R	copper	pm10	0.68	0.91	0.60	0.58	0.28	0.41	1.36	0.44	0.46	0.56	1.12	0.80	0.68
SI0008R	copper	pm10	1.85	0.71	1.10	2.09	2.71	1.92	2.47	2.00	2.11	5.63	2.10	2.91	2.31
SI0008R	copper	pm25	1.73	0.58	0.92	0.99	1.52	1.42	1.76	1.51	1.41	1.09	1.53	1.54	1.36
SK0002R	copper	aerosol	0.19	0.25	0.34	0.78	0.76	0.72	0.58	3.24	2.96	0.55	0.20	0.30	0.91
SK0004R	copper	pm10	1.90	1.10	0.80	1.82	1.64	1.64	1.46	2.06	2.36	2.59	3.46	2.52	1.95
SK0006R	copper	pm10	1.10	1.10	0.94	1.65	0.99	1.34	1.95	1.55	1.72	1.26	1.22	1.70	1.38
SK0007R	copper	pm10	2.48	1.62	3.76	4.04	3.00	2.50	2.38	2.96	4.06	3.39	3.45	3.18	3.09
CY0002R	iron	aerosol	1216	698	784	538	329	404	540	409	-	268	504	347	590
DE0001R	iron	aerosol	76	63	54	141	65	68	59	73	83	62	60	64	73
DE0002R	iron	aerosol	86	67	74	168	105	71	84	153	175	69	104	73	103
DE0003R	iron	aerosol	18	21	50	124	155	83	80	126	115	56	105	8	80
DE0007R	iron	aerosol	56	48	38	151	55	45	67	100	97	41	74	55	69
DE0008R	iron	aerosol	28	18	31	155	96	59	68	110	87	29	64	13	63
DE0009R	iron	aerosol	55	45	54	120	68	51	67	88	81	37	71	55	66
DK0003R	iron	aerosol	49	38	58	347	2160	203	108	115	129	46	50	51	247
DK0005R	iron	aerosol	55	40	52	157	76	60	73	118	130	52	84	53	80

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
DK0008R	iron	aerosol	25	30	43	159	60	70	59	58	54	25	39	33	54
DK0010G	iron	aerosol	20	16	22	41	17	11	12	18	21	8	6	10	17
DK0031R	iron	aerosol	32	27	36	213	64	74	47	59	65	28	38	33	60
ES1778R	iron	pm1	-	50	14	-	-	-	14	-	23	20	9	6	-
ES1778R	iron	pm10	78	80	203	96	462	192	445	232	138	133	187	18	203
ES1778R	iron	pm25	23	22	27	21	109	51	57	58	27	52	43	19	42
FI0017R	iron	aerosol	86	44	136	220	336	162	103	104	97	28	50	148	126
FI0036R	iron	aerosol	8	23	23	19	21	12	12	13	12	13	10	11	15
FI0037R	iron	aerosol	10	12	25	35	52	39	35	27	20	24	18	31	28
IS0002R	iron	aerosol	10	16	20	22	102	86	332	79	33	58	271	82	94
IS0091R	iron	aerosol	111	114	692	1476	880	134	696	304	125	408	1667	848	622
SI0008R	iron	pm10	71	37	45	94	187	68	84	96	93	59	83	64	82
SI0008R	iron	pm25	54	27	30	40	67	32	45	47	45	30	44	46	43
ES1778R	lanthanum	pm1	-	0.04	0.039	-	-	-	0.01	-	0.02	0.025	0.023	0.019	-
ES1778R	lanthanum	pm10	0.086	0.104	0.216	0.116	0.45	0.202	0.169	0.24	0.138	0.124	0.181	0.045	0.178
ES1778R	lanthanum	pm25	0.039	0.06	0.064	0.044	0.124	0.094	0.047	0.085	0.067	0.061	0.057	0.033	0.065
AT0002R	lead	pm10	11.08	7.05	4.26	8.50	2.52	3.24	3.08	4.22	4.56	10.03	5.38	11.60	6.22
BE0014R	lead	aerosol	11.77	11.49	10.25	12.06	6.81	5.77	6.54	6.52	7.35	8.95	4.43	10.83	8.62
CY0002R	lead	aerosol	14.40	8.54	4.60	8.07	4.40	3.03	4.97	4.25	-	3.80	3.35	4.73	6.11
CZ0001R	lead	pm10	6.26	2.30	4.59	6.79	3.73	1.83	2.78	3.26	6.62	3.65	5.47	3.44	4.28
CZ0003R	lead	pm10	9.50	3.05	3.59	7.41	3.94	2.64	1.80	3.25	5.74	4.41	3.32	7.04	4.60
CZ0003R	lead	pm25	8.77	3.17	2.95	5.98	3.38	2.39	1.64	2.85	4.85	4.68	3.34	5.16	4.00
DE0001R	lead	aerosol	4.59	3.96	2.66	4.27	1.41	1.12	1.62	1.63	1.88	3.11	3.44	3.94	2.78
DE0002R	lead	aerosol	10.77	7.42	4.03	6.48	2.43	1.62	2.76	3.25	4.06	6.19	5.77	7.29	5.24
DE0003R	lead	aerosol	1.61	1.19	1.72	3.46	1.78	1.87	1.15	1.74	2.71	1.78	1.04	1.85	1.82
DE0007R	lead	aerosol	11.00	9.53	4.69	6.28	1.71	1.64	2.08	3.28	3.46	5.98	7.35	9.84	5.59
DE0008R	lead	aerosol	4.28	2.36	1.78	6.07	2.20	1.63	1.46	2.13	3.18	2.01	1.49	3.10	2.66
DE0009R	lead	aerosol	8.43	6.92	4.35	4.79	1.87	1.33	2.07	2.81	2.34	5.23	6.31	8.16	4.53
DK0003R	lead	aerosol	4.29	3.75	4.12	4.85	9.72	2.46	1.97	2.03	1.85	3.00	4.50	4.98	3.76
DK0005R	lead	aerosol	5.60	5.49	4.94	5.57	1.69	1.63	2.23	3.26	2.98	3.97	5.72	5.09	4.02
DK0008R	lead	aerosol	3.18	3.47	2.62	3.81	0.95	1.57	1.41	2.14	1.35	1.84	3.26	2.30	2.34
DK0010G	lead	aerosol	1.63	1.20	1.44	1.13	0.19	0.06	0.01	0.30	0.05	0.06	0.09	0.74	0.58
DK0031R	lead	aerosol	3.57	3.47	3.02	4.56	1.34	1.22	1.55	1.62	1.55	2.23	3.31	3.64	2.56
EE0009R	lead	aerosol	5.65	6.97	5.29	4.67	2.25	1.73	3.36	3.22	4.71	2.11	2.38	4.44	3.88
ES0001R	lead	pm10	-	-	-	-	-	0.70	0.47	1.63	-	-	-	-	-
ES0007R	lead	pm10	-	-	-	-	-	-	-	0.58	1.23	3.63	-	-	-
ES0008R	lead	pm10	2.84	4.68	4.64	4.79	2.38	4.08	3.63	9.17	6.61	4.41	1.41	5.71	4.41
ES0009R	lead	pm10	0.98	1.11	0.62	1.18	1.30	1.02	1.36	1.56	2.38	1.46	1.84	0.73	1.27
ES0014R	lead	pm10	-	-	-	-	-	-	-	-	-	5.21	3.40	1.72	-
ES1778R	lead	pm1	-	2.66	1.627	-	-	-	0.58	-	1.733	3.94	2.43	1.288	-
ES1778R	lead	pm10	2.478	2.308	2.986	2.531	3.825	2.846	1.594	2.338	2.345	3.957	3.441	0.61	2.687
ES1778R	lead	pm25	1.908	1.894	1.916	1.577	2.817	2.129	1.082	1.631	2.672	3.871	3.14	1.597	2.183
FI0017R	lead	aerosol	3.40	4.82	3.29	2.79	1.85	1.97	1.49	1.38	2.31	1.67	3.61	7.29	2.97
FI0036R	lead	aerosol	0.76	1.61	1.03	0.51	0.46	0.21	0.26	0.34	0.30	0.24	0.72	1.01	0.62
FI0037R	lead	aerosol	1.07	1.24	0.75	0.72	0.59	0.51	0.45	0.82	0.59	0.65	1.38	4.01	1.06

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FR0009R	lead	aerosol	6.75	5.67	4.72	5.06	3.01	4.61	1.71	3.18	6.94	5.42	2.86	2.96	4.40
FR0013R	lead	aerosol	2.21	3.78	3.79	2.37	2.74	1.99	1.38	1.50	3.55	2.97	3.02	3.07	2.69
GB0013R	lead	pm10	2.65	2.54	2.23	2.95	1.43	1.88	0.29	0.41	1.84	2.77	2.15	3.30	2.01
GB0017R	lead	pm10	8.48	5.70	6.39	5.47	2.95	1.96	2.72	4.05	4.01	6.02	11.17	6.03	5.17
GB0091R	lead	pm10	5.76	1.98	1.39	2.57	2.69	1.40	0.73	0.85	0.53	2.59	2.88	2.32	2.07
HU0002R	lead	aerosol	-	-	4.93	6.81	4.48	3.36	2.87	2.02	8.03	5.77	-	-	-
IS0091R	lead	aerosol	0.72	0.54	1.84	1.50	0.50	0.52	0.26	0.17	0.20	2.32	0.27	4.37	1.11
LV0010R	lead	pm10	9.72	7.72	4.12	7.25	2.74	2.55	3.22	1.83	1.78	5.32	4.41	6.33	5.05
NL0008R	lead	aerosol	14.48	11.59	6.78	11.50	5.78	4.87	4.15	5.08	4.87	8.79	6.82	8.89	7.74
NL0009R	lead	aerosol	8.57	7.14	5.05	0.82	3.97	2.69	4.57	3.38	5.63	6.77	5.90	6.99	5.47
NL0010R	lead	aerosol	19.77	14.82	8.94	12.73	6.57	5.49	5.84	6.36	7.68	9.07	6.31	8.77	9.25
NO0001R	lead	pm10	1.78	0.65	0.91	2.19	0.70	0.54	0.73	0.90	0.40	0.90	1.13	1.84	1.07
NO0042G	lead	aerosol	0.65	1.29	1.68	0.84	0.09	0.05	0.17	0.06	0.06	0.10	0.17	0.43	0.43
PL0005R	lead	pm10	12.66	7.18	4.80	3.13	0.91	0.98	2.73	2.27	1.26	3.53	5.00	7.43	4.30
SE0005R	lead	aerosol	0.53	0.37	0.81	0.61	0.27	0.20	0.27	0.51	0.11	0.13	0.28	0.88	0.42
SE0011R	lead	aerosol	3.47	2.37	1.45	3.20	1.14	0.99	2.84	-	1.26	4.48	4.48	-	2.18
SE0012R	lead	aerosol	2.66	2.38	1.79	0.77	1.05	0.45	0.68	0.80	1.02	0.80	0.80	1.85	1.15
SE0014R	lead	aerosol	0.97	3.45	1.30	3.37	0.52	0.51	0.86	1.23	1.39	1.58	2.81	3.25	1.75
SI0008R	lead	pm10	5.87	2.29	2.53	3.79	3.35	1.79	2.09	2.33	3.67	2.73	3.19	4.58	3.25
SI0008R	lead	pm25	5.73	2.30	2.38	3.54	2.97	1.69	2.08	2.30	3.65	2.38	3.14	3.79	3.06
SK0002R	lead	aerosol	0.25	0.41	0.41	3.04	1.92	0.72	1.86	2.52	3.29	0.61	0.45	0.72	1.35
SK0004R	lead	pm10	8.65	5.63	4.29	7.17	4.77	2.54	3.87	3.80	5.49	6.43	6.72	9.54	5.74
SK0006R	lead	pm10	6.52	4.65	5.36	6.75	4.18	3.42	4.55	4.08	5.42	4.73	5.62	7.28	5.22
SK0007R	lead	pm10	13.16	8.95	7.65	14.44	7.09	5.85	4.44	5.59	10.71	9.88	11.35	14.09	9.36
ES1778R	lithium	pm1	-	0.12	0.036	-	-	-	0.017	-	0.18	0.07	0.02	0.009	-
ES1778R	lithium	pm10	0.09	0.112	0.348	0.116	0.657	0.316	0.241	0.322	0.217	0.19	0.273	0.031	0.252
ES1778R	lithium	pm25	0.021	0.028	0.086	0.03	0.167	0.096	0.057	0.087	0.051	0.096	0.069	0.036	0.07
BE0014R	manganese	aerosol	4.0	6.1	5.7	6.5	7.2	6.7	8.1	15.1	16.7	9.5	6.9	9.5	8.7
CY0002R	manganese	aerosol	19.6	11.0	13.7	11.0	7.4	8.6	13.4	10.4	-	4.5	2.1	3.9	10.6
CZ0001R	manganese	pm10	1.7	0.8	1.6	6.2	3.5	2.8	2.7	3.3	3.1	2.9	1.7	1.0	2.7
CZ0003R	manganese	pm10	4.6	3.3	3.8	7.0	5.3	4.0	5.1	5.9	6.4	7.8	3.8	3.9	5.0
CZ0003R	manganese	pm25	2.2	1.8	1.6	1.9	1.7	1.5	1.8	2.5	2.0	2.2	1.3	1.4	1.8
DE0001R	manganese	aerosol	2.0	1.5	1.4	4.2	1.8	2.1	1.8	2.3	2.2	1.6	1.6	1.6	2.0
DE0002R	manganese	aerosol	3.2	2.2	2.0	5.0	3.3	2.2	2.8	4.9	5.6	2.2	3.0	2.4	3.2
DE0003R	manganese	aerosol	0.5	0.5	1.2	3.0	3.3	2.3	1.9	2.9	3.1	1.7	2.0	0.7	2.0
DE0007R	manganese	aerosol	2.6	2.1	1.5	5.5	2.0	1.5	2.3	4.0	3.5	1.5	2.5	2.0	2.6
DE0008R	manganese	aerosol	0.8	0.6	0.8	4.1	2.5	1.8	1.9	3.2	2.6	1.0	1.5	0.6	1.8
DE0009R	manganese	aerosol	2.5	1.8	1.5	3.8	2.0	1.5	2.4	3.0	2.7	1.4	2.2	2.0	2.2
DK0003R	manganese	aerosol	2.1	1.8	1.9	11.1	21.9	6.5	4.0	4.2	3.9	1.7	1.6	1.8	4.7
DK0005R	manganese	aerosol	2.0	1.8	1.6	5.0	2.3	1.9	2.5	3.8	3.7	1.4	2.0	1.5	2.5
DK0008R	manganese	aerosol	1.1	1.5	1.2	5.2	2.8	2.4	2.3	2.1	2.0	1.1	1.0	1.0	1.9
DK0010G	manganese	aerosol	0.5	0.7	0.7	1.1	0.3	0.2	0.2	0.2	0.4	0.1	0.2	0.4	0.4
DK0031R	manganese	aerosol	1.3	1.1	1.0	6.2	1.9	2.1	1.5	2.1	1.9	1.2	1.2	1.4	1.9
ES1778R	manganese	pm1	-	1.7	0.7	-	-	-	0.3	-	0.7	1.1	0.9	0.3	-
ES1778R	manganese	pm10	3.7	2.7	6.4	4.1	10.7	6.1	4.5	5.7	4.5	6.8	6.9	1.0	5.5
ES1778R	manganese	pm25	2.4	1.1	1.5	1.0	3.2	1.8	0.9	1.6	1.6	3.8	2.6	0.9	1.9

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FI0017R	manganese	aerosol	2.6	2.0	2.7	4.6	9.0	2.9	2.2	2.4	2.4	1.7	2.0	3.7	3.2
FI0036R	manganese	aerosol	0.3	0.8	0.6	0.5	0.4	0.4	0.4	0.4	0.3	0.1	0.2	0.3	0.4
FI0037R	manganese	aerosol	0.5	0.6	0.7	0.9	1.2	1.0	1.0	1.0	0.9	0.7	0.7	1.4	0.9
IS0091R	manganese	aerosol	1.6	1.6	10.0	5.6	12.5	1.9	10.4	4.3	1.7	5.9	24.6	12.3	7.7
LV0010R	manganese	pm10	3.7	3.2	5.9	11.3	8.9	4.6	5.5	7.9	2.8	2.3	1.8	-	5.2
NO0042G	manganese	aerosol	0.3	0.5	0.7	0.5	0.1	0.1	0.2	0.0	0.3	0.7	1.0	0.2	0.4
CY0002R	mercury	aerosol	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	-	0.05	0.05	0.05	0.05
CZ0003R	mercury	air	1.91	-	0.94	0.45	1.80	0.36	0.66	0.34	0.19	0.40	0.27	0.17	0.68
CZ0003R	mercury	pm10	0.03	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.03	0.01
DE0002R	reactive_gaseous_mercury	air	1.82	1.05	0.53	1.98	2.09	1.62	1.21	1.92	2.02	0.42	0.37	0.47	1.30
DE0002R	mercury	pm25	15.15	15.69	9.17	13.87	8.76	1.53	4.46	6.41	7.43	11.53	7.63	15.51	9.87
DE0002R	total_gaseous_mercury	air	1.84	1.90	1.71	1.91	1.66	1.48	1.63	1.75	1.64	1.65	1.57	1.59	1.69
DE0008R	total_gaseous_mercury	air	1.88	1.81	1.68	2.08	1.61	1.59	1.47	1.63	1.80	1.58	1.57	1.72	1.68
DE0009R	total_gaseous_mercury	air	1.71	1.66	1.56	1.84	1.35	1.30	1.14	1.35	1.26	1.31	1.55	1.73	1.46
DK0010G	mercury	air	-	-	-	-	-	-	1.50	1.47	1.30	1.34	1.32	1.38	-
ES0001R	mercury	pm10	-	-	-	-	-	0.002	0.005	0.004	-	-	-	-	-
ES0007R	mercury	pm10	-	-	-	-	-	-	-	0.002	0.013	0.01	-	-	-
ES0008R	mercury	pm10	-	-	-	0.005	0.003	0.003	-	-	-	-	-	-	-
ES0014R	mercury	pm10	-	-	-	-	-	-	-	-	-	-	0.009	0.006	-
FI0036R	mercury	aerosol	0.25	0.56	1.81	4.99	1.12	6.42	3.14	3.20	1.59	0.25	1.21	0.83	2.05
GB0013R	mercury	pm10	-	0.68	1.52	1.91	1.20	3.32	2.26	1.05	0.91	1.31	0.59	-	1.41
GB0017R	mercury	pm10	-	-	-	0.24	0.53	0.07	1.34	1.31	0.44	4.13	0.75	0.28	0.94
GB0091R	mercury	pm10	0.67	0.44	1.41	1.70	1.40	1.09	0.62	1.18	0.99	1.15	0.15	0.57	1.02
IS0091R	mercury	aerosol	3.02	2.41	4.20	2.44	2.45	2.54	2.00	2.01	1.37	1.31	1.65	2.07	2.28
NO0001R	mercury	air+aerosol	1.81	1.65	1.85	1.94	1.40	1.76	1.70	1.86	1.47	1.55	1.72	1.46	1.69
NO0042G	mercury	air	1.66	1.68	1.63	1.26	1.48	1.45	1.53	1.61	1.54	1.48	1.61	1.65	1.55
PL0005R	mercury	air	1.58	1.45	1.36	1.12	1.05	1.18	1.30	0.75	0.98	1.23	1.54	1.46	1.25
SE0005R	mercury	air+aerosol	1.63	1.50	1.98	1.80	4.38	4.76	3.55	2.03	1.44	1.18	1.23	1.28	2.26
SE0011R	mercury	air+aerosol	1.53	1.63	1.30	1.43	1.60	1.28	1.30	1.20	1.23	1.40	1.48	1.50	1.43
SE0014R	mercury	aerosol	10.11	8.63	11.06	11.10	9.61	6.31	6.69	8.31	5.76	6.97	9.68	10.36	8.68
SE0014R	mercury	air+aerosol	1.60	1.70	1.59	1.60	1.50	1.40	1.49	1.44	1.40	1.31	1.48	1.58	1.51
AT0002R	nickel	pm10	1.77	1.02	0.69	1.83	0.45	0.71	0.76	0.84	0.69	0.52	0.45	0.72	0.87
BE0014R	nickel	aerosol	1.64	7.87	10.00	11.70	7.11	6.59	5.97	6.49	4.51	3.41	1.52	4.08	6.24
CY0002R	nickel	aerosol	2.84	2.41	3.08	3.22	0.93	1.29	1.96	2.02	-	0.98	0.83	0.61	2.04
CZ0001R	nickel	pm10	0.42	0.30	0.32	0.55	0.16	0.75	0.26	0.42	0.40	0.12	0.25	0.11	0.31
CZ0003R	nickel	pm10	0.85	0.45	0.40	0.95	0.31	0.52	0.43	0.29	0.66	0.56	0.31	0.28	0.49
CZ0003R	nickel	pm25	0.79	0.69	0.26	0.46	0.19	0.42	0.34	0.10	0.20	0.35	0.40	0.19	0.36
DE0001R	nickel	aerosol	1.27	1.59	1.50	2.10	1.42	0.85	1.48	1.19	0.92	0.72	1.01	0.90	1.24
DE0002R	nickel	aerosol	1.00	1.15	0.94	1.14	1.03	0.75	0.72	0.82	0.97	0.74	1.18	0.83	0.94
DE0003R	nickel	aerosol	0.26	0.16	0.47	0.49	0.43	0.33	0.11	0.56	0.28	0.25	0.17	0.06	0.30
DE0007R	nickel	aerosol	0.83	0.95	0.65	0.87	0.18	0.58	0.53	0.73	0.68	0.65	0.51	0.64	0.65
DE0008R	nickel	aerosol	0.34	0.24	0.30	0.63	0.50	0.41	0.40	0.74	0.55	0.24	0.36	0.29	0.42
DE0009R	nickel	aerosol	1.39	1.58	2.39	2.43	2.59	2.23	2.25	1.56	1.48	0.82	0.81	0.90	1.71
DK0003R	nickel	aerosol	1.62	1.58	1.50	2.07	4.21	1.02	1.22	1.09	0.74	0.92	0.94	1.04	1.40
DK0005R	nickel	aerosol	2.28	7.69	2.20	5.60	2.80	1.93	3.42	2.86	1.69	1.18	1.75	1.50	2.93
DK0008R	nickel	aerosol	1.62	1.93	2.04	3.77	1.79	1.77	1.29	1.71	1.28	0.91	1.23	0.87	1.67

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DK0010G	nickel	aerosol	0.15	0.13	0.24	0.33	0.10	0.15	0.06	0.06	0.04	0.04	0.05	0.10	0.12
DK0031R	nickel	aerosol	1.41	1.40	1.39	2.05	1.09	0.87	1.20	0.83	0.68	0.57	0.77	0.77	1.08
EE0009R	nickel	aerosol	1.54	2.64	2.53	2.13	1.98	2.07	1.21	0.83	0.87	1.51	1.98	2.00	1.77
ES0001R	nickel	pm10	-	-	-	-	-	1.02	2.29	1.03	-	-	-	-	-
ES0007R	nickel	pm10	-	-	-	-	-	-	-	0.89	1.70	2.18	-	-	-
ES0008R	nickel	pm10	1.29	1.14	1.10	1.34	2.78	1.68	1.86	1.85	1.78	1.46	1.79	1.64	1.73
ES0009R	nickel	pm10	0.63	0.47	0.42	0.39	0.41	0.63	0.57	0.75	0.74	0.67	1.57	0.29	0.60
ES0014R	nickel	pm10	-	-	-	-	-	-	-	-	-	2.18	3.07	0.52	-
ES1778R	nickel	pm1	-	4.72	0.89	-	-	-	0.606	-	0.182	0.83	0.535	0.375	-
ES1778R	nickel	pm10	1.018	0.916	1.454	1.027	1.715	1.422	1.096	1.486	0.845	1.271	0.997	0.416	1.169
ES1778R	nickel	pm25	0.382	0.758	0.821	0.807	1.484	1.074	0.832	1.111	0.852	1.117	0.653	0.671	0.882
FI0017R	nickel	aerosol	1.43	2.07	1.28	1.58	1.50	0.56	1.11	0.72	0.91	0.44	1.06	1.33	1.16
FI0036R	nickel	aerosol	0.35	1.05	0.36	0.17	0.77	0.26	0.42	0.43	0.09	0.18	0.14	0.56	0.39
FI0037R	nickel	aerosol	0.38	0.45	0.25	0.28	0.36	0.19	0.28	0.31	0.17	0.24	0.33	0.68	0.32
FR0009R	nickel	aerosol	1.08	1.14	1.25	2.44	1.16	2.86	0.75	0.63	1.00	0.87	0.71	1.39	1.27
FR0013R	nickel	aerosol	0.61	0.98	1.14	1.12	1.45	1.13	0.71	0.43	1.70	0.79	0.70	0.68	0.95
GB0013R	nickel	pm10	0.73	0.72	0.73	1.37	1.03	1.24	0.41	1.38	0.44	0.60	1.16	0.30	0.86
GB0017R	nickel	pm10	1.82	1.18	1.42	3.75	1.52	2.17	1.53	2.49	0.81	1.35	0.85	0.97	1.67
GB0091R	nickel	pm10	0.27	0.18	0.26	0.83	0.22	0.45	0.40	0.14	0.08	0.25	0.18	0.37	0.31
IS0091R	nickel	aerosol	4.64	3.77	3.11	5.48	4.93	3.37	0.83	2.96	4.92	8.15	3.86	3.91	4.16
LV0010R	nickel	pm10	5.55	4.67	1.35	1.25	1.25	2.57	1.25	1.25	1.25	1.81	1.25	1.25	2.11
NL0008R	nickel	aerosol	2.25	3.14	2.17	2.87	1.77	1.46	1.42	2.06	1.72	1.64	1.34	1.35	1.92
NL0009R	nickel	aerosol	1.80	1.82	2.56	-	2.58	1.76	2.33	1.24	1.07	1.51	1.53	1.50	1.73
NL0010R	nickel	aerosol	3.36	3.03	1.61	2.53	1.48	1.56	0.87	1.38	0.75	1.35	0.96	1.19	1.65
NO0001R	nickel	pm10	0.90	0.41	0.37	1.40	0.65	0.38	0.66	1.10	0.32	0.25	0.67	0.55	0.66
NO0042G	nickel	aerosol	0.12	0.12	0.24	0.13	0.02	0.02	0.18	0.10	0.10	0.13	0.32	0.04	0.13
PL0005R	nickel	pm10	0.72	0.92	0.56	1.58	0.90	0.63	0.88	1.43	0.38	0.21	0.25	0.55	0.75
SE0005R	nickel	aerosol	0.39	0.10	0.10	0.11	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.13
SE0011R	nickel	aerosol	0.78	0.77	0.62	1.08	1.16	0.77	1.79	-	0.65	1.17	1.17	-	0.93
SE0012R	nickel	aerosol	1.27	0.65	0.59	0.48	0.98	0.43	0.55	0.48	0.43	0.28	0.22	0.51	0.53
SE0014R	nickel	aerosol	0.53	2.01	0.61	2.48	0.68	1.02	1.30	1.19	0.89	0.51	0.92	0.71	1.06
SI0008R	nickel	pm10	3.59	1.14	1.24	1.51	3.14	2.82	2.90	6.09	2.69	1.90	2.71	1.61	2.66
SI0008R	nickel	pm25	3.83	1.05	0.99	1.29	2.98	3.44	2.50	2.78	1.97	1.60	2.54	1.22	2.24
SK0002R	nickel	aerosol	0.21	0.29	0.26	0.41	0.98	0.25	0.25	0.31	0.44	0.45	0.24	0.42	0.38
SK0004R	nickel	pm10	0.37	0.33	0.24	0.38	0.38	0.28	0.27	0.39	0.59	0.51	0.50	0.55	0.40
SK0006R	nickel	pm10	0.56	0.58	0.47	0.67	0.37	0.13	0.29	0.61	0.56	0.36	0.67	0.69	0.50
SK0007R	nickel	pm10	1.04	0.55	0.68	0.87	0.57	0.18	0.54	0.47	0.83	0.91	0.77	0.78	0.68
ES1778R	rubidium	pm1	-	0.21	0.078	-	-	-	0.025	-	0.103	0.105	0.058	0.043	-
ES1778R	rubidium	pm10	0.184	0.264	0.586	0.249	1.202	0.602	0.424	0.644	0.41	0.379	0.509	0.05	0.473
ES1778R	rubidium	pm25	0.07	0.104	0.174	0.089	0.317	0.169	0.072	0.181	0.16	0.197	0.151	0.074	0.149
DK0003R	selenium	aerosol	0.455	0.286	0.36	0.561	1.737	0.274	0.449	0.437	0.361	0.266	0.423	0.351	0.456
DK0005R	selenium	aerosol	0.601	0.494	0.471	0.607	0.401	0.336	0.52	0.605	0.518	0.412	0.656	0.457	0.51
DK0008R	selenium	aerosol	0.386	0.278	0.295	0.429	0.283	0.218	0.419	0.418	0.364	0.218	0.37	0.177	0.325
DK0010G	selenium	aerosol	0.082	0.072	0.114	0.084	0.032	0.011	0.019	0.019	0.013	0.011	0.007	0.036	0.042
DK0031R	selenium	aerosol	0.444	0.271	0.391	0.551	0.376	0.277	0.451	0.433	0.402	0.278	0.384	0.261	0.378

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
ES1778R	selenium	pm1	-	0.005	0.299	-	-	-	0.054	-	0.07	0.138	0.069	0.037	-
ES1778R	selenium	pm10	0.174	0.108	0.41	0.266	0.288	0.26	0.27	0.268	0.198	0.224	0.219	0.104	0.245
ES1778R	selenium	pm25	0.145	0.11	0.278	0.171	0.194	0.182	0.217	0.138	0.123	0.13	0.161	0.061	0.163
ES1778R	strontium	pm1	-	0.43	0.201	-	-	-	0.096	-	0.038	0.035	0.085	0.039	-
ES1778R	strontium	pm10	0.584	0.842	2.016	1.017	5.025	1.806	1.567	1.902	1.44	1.361	2.611	0.485	1.79
ES1778R	strontium	pm25	0.189	0.292	0.643	0.32	1.327	0.584	0.343	0.576	0.338	0.467	0.527	0.171	0.492
DE0001R	thallium	aerosol	0.026	0.023	0.015	0.022	0.009	0.005	0.008	0.009	0.012	0.017	0.02	0.021	0.015
DE0002R	thallium	aerosol	0.066	0.041	0.02	0.031	0.013	0.006	0.014	0.018	0.026	0.031	0.025	0.04	0.028
DE0003R	thallium	aerosol	0.01	0.004	0.007	0.018	0.012	0.008	0.005	0.008	0.018	0.008	0.005	0.013	0.01
DE0007R	thallium	aerosol	0.061	0.048	0.021	0.037	0.007	0.003	0.009	0.015	0.019	0.032	0.038	0.058	0.029
DE0008R	thallium	aerosol	0.027	0.012	0.008	0.044	0.016	0.009	0.008	0.014	0.024	0.012	0.006	0.017	0.017
DE0009R	thallium	aerosol	0.053	0.04	0.026	0.028	0.008	0.003	0.009	0.012	0.011	0.027	0.033	0.052	0.025
ES1778R	thallium	pm1	-	0.005	0.005	-	-	-	0.005	-	0.005	0.005	0.005	0.005	-
ES1778R	thallium	pm10	0.02	0.014	0.013	0.014	0.028	0.015	0.008	0.01	0.029	0.024	0.005	0.005	0.015
ES1778R	thallium	pm25	0.011	0.005	0.01	0.005	0.021	0.005	0.005	0.005	0.017	0.005	0.009	0.005	0.008
ES1778R	thorium	pm1	-	0.005	0.031	-	-	-	0.008	-	0.017	0.01	0.012	0.011	-
ES1778R	thorium	pm10	0.034	0.032	0.096	0.059	0.195	0.064	0.08	0.098	0.048	0.047	0.069	0.057	0.076
ES1778R	thorium	pm25	0.021	0.009	0.026	0.02	0.04	0.013	0.028	0.022	0.023	0.032	0.026	0.011	0.023
ES1778R	tin	pm1	-	0.53	0.403	-	-	-	0.262	-	0.417	0.885	0.335	0.275	-
ES1778R	tin	pm10	0.738	0.51	0.943	0.763	0.868	1.258	0.698	1.042	0.952	1.147	0.47	0.178	0.806
ES1778R	tin	pm25	0.583	0.384	0.531	0.444	0.601	0.91	0.568	0.709	0.663	0.883	0.369	0.244	0.582
ES1778R	titanium	pm1	-	0.009	0.002	-	-	-	0	-	0.001	0.001	0.001	0.001	-
ES1778R	titanium	pm10	0.008	0.009	0.021	0.009	0.054	0.023	0.017	0.025	0.013	0.012	0.02	0.002	0.018
ES1778R	titanium	pm25	0.002	0.004	0.006	0.003	0.013	0.006	0.003	0.007	0.003	0.005	0.005	0.002	0.005
ES1778R	uranium	pm1	-	0.01	0.089	-	-	-	0.019	-	0.03	0.033	0.029	0.025	-
ES1778R	uranium	pm10	0.068	0.055	0.105	0.099	0.1	0.02	0.072	0.07	0.045	0.045	0.051	0.1	0.071
ES1778R	uranium	pm25	0.058	0.043	0.057	0.046	0.023	0.013	0.055	0.048	0.067	0.049	0.046	0.029	0.044
CY0002R	vanadium	aerosol	5.57	3.85	2.85	3.94	2.06	2.52	3.15	2.55	-	1.26	2.12	2.32	3.13
DE0001R	vanadium	aerosol	2.25	2.68	2.85	4.07	2.54	1.54	2.75	1.97	1.60	1.25	1.77	1.53	2.23
DE0002R	vanadium	aerosol	1.04	1.64	1.37	1.72	1.29	1.11	0.97	1.35	1.62	0.87	0.64	1.03	1.22
DE0003R	vanadium	aerosol	0.19	0.26	0.41	0.66	0.95	0.57	0.47	0.76	0.58	0.47	0.58	0.17	0.51
DE0007R	vanadium	aerosol	1.10	1.46	1.06	1.48	0.78	1.08	0.87	1.01	1.16	0.70	0.55	0.97	1.02
DE0008R	vanadium	aerosol	0.34	0.35	0.39	0.87	0.60	0.53	0.47	0.68	0.68	0.31	0.34	0.30	0.49
DE0009R	vanadium	aerosol	2.03	2.65	4.31	4.56	4.65	4.05	4.16	2.59	2.58	1.14	1.03	1.37	2.94
ES1778R	vanadium	pm1	-	1.91	1.421	-	-	-	1.33	-	1.067	2.095	0.652	0.227	-
ES1778R	vanadium	pm10	1.806	1.824	3.306	2.314	4.555	3.532	2.375	3.1	2.01	2.766	1.953	0.513	2.583
ES1778R	vanadium	pm25	1.081	1.134	1.797	1.736	3.653	2.856	2.017	2.395	1.253	2.146	1.236	0.434	1.842
FI0017R	vanadium	aerosol	2.79	4.53	3.05	3.13	3.28	1.22	2.17	1.30	1.25	1.02	2.08	3.17	2.41
FI0036R	vanadium	aerosol	0.87	2.18	0.77	0.24	0.47	0.13	0.26	0.24	0.09	0.11	0.32	0.79	0.53
FI0037R	vanadium	aerosol	0.76	0.98	0.60	0.43	0.44	0.30	0.43	0.47	0.34	0.35	0.59	1.27	0.58
IS0091R	vanadium	aerosol	0.99	1.00	4.87	2.08	4.45	1.10	4.59	1.65	0.49	1.87	9.92	4.70	3.14

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
NO0001R	vanadium	pm10	0.96	0.52	0.58	2.30	0.94	0.50	1.07	1.05	0.42	0.31	0.44	0.52	0.82
NO0042G	vanadium	aerosol	0.19	0.14	0.29	0.16	0.04	0.03	0.23	0.11	0.10	0.12	0.15	0.07	0.13
BE0014R	zinc	aerosol	31.6	33.5	24.8	29.6	17.2	15.7	17.2	19.1	17.2	23.2	12.9	25.8	22.3
CY0002R	zinc	aerosol	44.2	46.7	70.7	60.4	65.8	13.1	20.3	27.9	-	6.5	14.9	6.5	39.9
DE0001R	zinc	aerosol	20.3	12.8	8.8	14.1	15.2	6.0	5.5	6.6	8.0	13.4	12.3	14.1	11.5
DE0002R	zinc	aerosol	30.0	19.2	10.2	16.2	8.1	6.3	9.6	10.1	11.9	17.2	19.6	20.6	15.1
DE0003R	zinc	aerosol	6.0	1.8	5.7	11.2	6.8	5.6	7.4	7.2	28.3	6.7	4.9	4.9	8.2
DE0007R	zinc	aerosol	31.6	24.4	10.6	16.4	6.0	3.3	4.2	5.9	7.8	12.1	18.6	22.0	13.6
DE0008R	zinc	aerosol	10.7	5.1	4.2	15.4	8.0	4.9	3.4	8.9	10.4	5.0	4.2	8.2	7.4
DE0009R	zinc	aerosol	18.8	15.4	9.5	10.8	4.0	5.1	10.8	6.6	9.5	14.2	16.1	19.6	11.6
DK0003R	zinc	aerosol	17.4	14.2	12.2	17.5	77.6	16.3	10.6	8.9	7.4	11.4	13.2	18.3	17.7
DK0005R	zinc	aerosol	18.2	3.9	10.4	14.2	4.2	6.0	7.4	9.9	9.1	10.9	16.6	14.8	10.5
DK0008R	zinc	aerosol	7.4	9.5	8.3	11.9	2.0	6.0	4.3	5.4	4.4	5.8	8.7	17.7	7.7
DK0010G	zinc	aerosol	2.2	3.4	3.4	1.8	0.7	0.2	1.8	1.6	0.3	1.6	1.7	1.1	1.7
DK0031R	zinc	aerosol	10.0	10.3	7.3	14.6	5.2	5.7	4.8	4.9	4.9	6.7	9.1	14.5	8.1
ES0001R	zinc	pm10	-	-	-	-	-	9.0	6.7	9.0	-	-	-	-	-
ES0007R	zinc	pm10	-	-	-	-	-	-	-	2.5	2.6	3.8	-	-	-
ES0008R	zinc	pm10	6.0	16.9	26.2	18.8	9.7	10.2	17.8	17.1	23.7	15.4	5.8	9.5	14.5
ES0009R	zinc	pm10	9.7	5.5	3.8	4.0	2.9	3.4	4.8	6.0	6.7	4.8	4.0	3.4	4.8
ES0014R	zinc	pm10	-	-	-	-	-	-	-	-	-	16.8	5.5	6.6	-
ES1778R	zinc	pm1	-	12.6	7.8	-	-	-	1.7	-	4.7	8.7	3.8	3.1	-
ES1778R	zinc	pm10	16.9	10.2	28.4	15.8	22.6	28.9	11.2	14.2	17.1	18.0	9.4	5.3	16.8
ES1778R	zinc	pm25	12.1	8.2	25.4	8.0	11.3	11.1	5.0	7.3	10.1	14.1	7.3	5.5	10.9
FI0017R	zinc	aerosol	12.2	12.7	11.2	9.9	6.6	7.0	5.7	5.1	8.1	6.0	14.9	21.5	10.0
FI0036R	zinc	aerosol	2.2	4.4	2.9	1.6	1.1	0.6	0.8	1.3	0.6	0.7	2.3	2.5	1.7
FI0037R	zinc	aerosol	3.6	4.1	3.0	2.8	2.3	2.2	2.1	3.4	2.7	3.0	5.1	9.6	3.7
FR0009R	zinc	aerosol	20.4	13.5	14.3	23.0	18.2	17.3	7.8	11.7	24.7	18.7	6.0	12.3	15.7
FR0013R	zinc	aerosol	5.0	8.8	12.3	5.3	16.9	19.8	6.0	4.2	9.2	7.7	9.3	8.1	9.4
GB0013R	zinc	pm10	9.4	3.0	7.2	8.4	4.9	5.6	4.5	4.4	5.2	5.1	3.4	5.2	5.3
GB0017R	zinc	pm10	9.8	8.9	9.7	11.3	4.8	5.5	5.1	10.2	5.1	11.8	12.9	9.2	8.6
GB0091R	zinc	pm10	3.4	5.9	3.1	7.3	5.0	4.6	3.6	3.0	3.0	3.5	4.8	3.7	4.2
IS0091R	zinc	aerosol	3.0	4.1	42.5	12.1	5.1	2.4	2.4	1.6	1.3	18.6	3.4	19.4	9.8
LV0010R	zinc	pm10	25.3	18.9	21.1	17.1	7.2	11.4	8.5	3.6	7.2	15.8	19.1	19.6	15.7
NL0008R	zinc	aerosol	48.8	31.3	18.4	32.5	17.1	15.8	22.5	29.9	25.3	28.5	29.4	38.7	28.1
NL0009R	zinc	aerosol	27.3	24.3	11.6	7.3	11.0	12.7	11.5	15.4	15.6	20.4	15.8	24.5	17.1
NL0010R	zinc	aerosol	54.8	38.7	30.2	41.9	24.0	22.5	28.4	27.6	31.4	41.6	33.9	41.0	34.5
NO0001R	zinc	pm10	6.0	3.1	3.2	10.3	4.0	4.6	4.8	4.7	3.3	4.9	5.5	7.9	5.4
NO0042G	zinc	aerosol	2.5	5.2	3.1	1.6	0.3	0.4	1.5	0.5	0.3	1.2	1.5	0.7	1.5
PL0005R	zinc	pm10	36.4	29.2	12.5	13.7	4.5	4.6	10.7	9.9	8.5	10.5	17.7	22.7	15.0
SI0008R	zinc	pm10	18.2	11.7	22.0	15.7	21.6	25.5	26.7	24.2	27.8	26.1	30.6	32.7	23.5
SI0008R	zinc	pm25	21.3	12.6	13.4	22.0	19.9	20.6	27.3	28.6	28.2	25.5	29.3	31.9	23.5
SK0002R	zinc	aerosol	1.3	1.7	1.5	6.5	6.1	2.3	3.8	6.0	8.3	2.1	1.0	2.1	3.6
SK0004R	zinc	pm10	24.7	17.9	9.6	12.0	8.4	4.9	7.1	13.9	11.0	15.2	12.2	22.0	13.2
SK0006R	zinc	pm10	15.4	10.8	9.7	10.6	7.1	6.7	8.0	8.9	10.9	8.9	8.8	15.9	10.1
SK0007R	zinc	pm10	35.7	21.6	14.1	16.5	10.2	7.0	7.9	10.2	15.6	22.6	20.8	31.6	17.5

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	0.25	0.38	0.40	0.32	0.21	0.08	0.14	0.19	0.39	0.66	1.00	1.18	0.36
ES0001R	acenaphthene	precip+dry_dep	-	-	-	-	-	1.27	1.27	1.27	-	-	-	-	-
ES0007R	acenaphthene	precip+dry_dep	-	-	-	-	-	-	-	1.08	1.08	1.08	-	-	-
ES0008R	acenaphthene	precip+dry_dep	-	-	-	5.02	5.02	5.02	-	-	-	-	-	-	-
ES0014R	acenaphthene	precip+dry_dep	-	-	-	-	-	-	-	-	-	70.80	70.80	70.80	-
CZ0003R	acenaphthylene	precip	0.41	0.74	0.56	0.27	0.05	0.09	0.05	0.07	0.09	1.73	2.64	5.22	0.80
BE0014R	alpha_HCH	precip	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
CZ0003R	alpha_HCH	precip	0.05	0.05	0.14	0.64	0.73	0.51	0.06	0.05	0.07	1.36	0.89	0.50	0.42
DE0001R	alpha_HCH	precip	0.21	0.19	0.15	0.23	0.09	0.12	0.15	0.16	0.15	0.17	0.19	0.15	0.16
DE0003R	alpha_HCH	precip	0.12	0.10	0.09	0.21	0.24	0.20	0.25	0.33	0.21	0.18	0.14	0.13	0.17
DE0008R	alpha_HCH	precip	0.10	0.07	0.13	0.38	0.24	0.21	0.20	0.20	0.23	0.26	0.37	0.14	0.22
DE0009R	alpha_HCH	precip	0.25	0.14	0.16	0.24	0.23	0.18	0.13	0.17	0.14	0.21	0.20	0.18	0.18
FI0096G	alpha_HCH	precip+dry_dep	0.01	0.00	0.01	0.04	0.17	0.18	0.07	0.10	0.18	0.03	0.01	0.02	0.07
IS0091R	alpha_HCH	precip	0.03	0.04	0.08	0.03	0.06	0.06	0.08	0.05	0.04	0.02	0.08	0.06	0.04
NO0001R	alpha_HCH	precip	0.10	0.06	0.11	0.21	0.17	0.18	0.14	0.15	0.17	0.21	0.16	0.11	0.15
SE0012R	alpha_HCH	precip+dry_dep	-	0.04	0.04	0.04	0.14	0.02	0.26	0.09	0.08	0.01	0.01	0.01	0.07
SE0014R	alpha_HCH	precip+dry_dep	-	0.04	0.02	0.10	0.16	0.25	0.20	0.14	0.14	0.18	0.03	0.00	0.11
BE0014R	beta_HCH	precip	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
IS0091R	beta_HCH	precip	0.01	0.01	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.00
BE0014R	gamma_HCH	precip	0.40	0.40	2.15	1.79	1.88	1.28	0.97	0.40	0.73	1.06	0.81	0.40	0.97
CZ0003R	gamma_HCH	precip	0.59	0.68	0.66	0.56	0.29	0.29	0.34	0.70	0.32	0.37	0.92	0.42	0.49
DE0001R	gamma_HCH	precip	0.78	0.87	0.76	1.53	1.14	0.64	1.02	1.19	0.35	0.54	0.55	0.44	0.76
DE0003R	gamma_HCH	precip	1.09	1.40	0.74	3.30	3.07	1.75	2.37	2.75	1.84	1.05	0.90	0.76	1.53
DE0008R	gamma_HCH	precip	0.45	0.30	0.52	1.42	1.71	1.17	1.52	1.52	0.88	0.80	0.65	0.43	0.88
DE0009R	gamma_HCH	precip	1.60	0.72	0.67	2.95	1.90	1.10	1.32	1.26	0.62	0.56	0.61	0.64	0.97
FI0096G	gamma_HCH	precip+dry_dep	0.01	0.01	0.01	0.04	0.18	0.13	0.07	0.10	0.11	0.01	0.01	0.02	0.06
IS0091R	gamma_HCH	precip	0.01	0.01	0.02	0.02	0.02	0.06	0.09	0.02	0.01	0.01	0.04	0.03	0.02
NL0091R	gamma_HCH	precip	2.00	2.00	2.87	4.55	5.77	3.00	2.00	2.00	1.39	1.66	2.00	2.00	2.59
NO0001R	gamma_HCH	precip	0.26	0.39	0.20	0.76	0.43	0.54	0.36	0.43	0.32	0.25	0.32	0.21	0.32
SE0012R	gamma_HCH	precip+dry_dep	-	0.03	0.05	0.12	0.33	0.04	0.56	0.19	0.20	0.03	0.25	0.03	0.17
SE0014R	gamma_HCH	precip+dry_dep	-	0.15	0.06	0.41	0.48	0.83	0.70	0.51	0.39	0.27	0.02	0.00	0.35
DE0001R	HCB	precip	0.05	0.05	0.08	0.10	0.02	0.04	0.06	0.13	0.03	0.02	0.02	0.04	0.05
DE0003R	HCB	precip	0.01	0.02	0.03	0.12	0.06	0.03	0.07	0.04	0.08	0.11	0.14	0.06	0.07
DE0008R	HCB	precip	0.02	0.04	0.03	0.04	0.06	0.02	0.04	0.04	0.04	0.04	0.02	0.02	0.04
DE0009R	HCB	precip	0.16	0.05	0.03	0.19	0.03	0.03	0.27	2.12	1.78	0.03	0.04	0.06	0.34
IS0091R	HCB	precip	0.01	0.02	0.02	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.02	0.02	0.01
NO0001R	HCB	precip	0.12	0.06	0.10	0.20	0.04	0.09	0.05	0.09	0.02	0.02	0.04	0.07	0.06
DE0001R	anthracene	precip	0.50	0.90	0.51	2.99	0.51	5.52	0.18	0.31	0.63	0.60	0.56	1.26	0.90
DE0003R	anthracene	precip	0.39	0.30	0.38	0.54	0.41	0.19	0.64	0.22	0.52	2.43	0.66	0.90	0.70
DE0008R	anthracene	precip	0.70	0.76	0.84	0.88	0.33	0.56	0.64	0.64	0.50	0.66	1.00	3.60	0.95
DE0009R	anthracene	precip	1.98	1.27	0.44	0.60	0.43	0.15	0.26	0.37	0.47	2.43	0.43	2.58	0.91

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
ES0001R	anthracene	precip+dry_dep	-	-	-	-	-	0.48	0.48	0.48	-	-	-	-	-
ES0007R	anthracene	precip+dry_dep	-	-	-	-	-	-	-	0.13	0.13	-	-	-	-
ES0008R	anthracene	precip+dry_dep	-	-	-	0.56	0.56	0.56	-	-	-	-	-	-	-
ES0014R	anthracene	precip+dry_dep	-	-	-	-	-	-	-	-	-	92.20	92.20	92.20	-
DE0001R	benz_a_anthracene	precip	2.20	4.24	2.57	8.25	2.00	3.35	0.74	0.40	2.66	2.30	2.40	10.30	2.94
DE0003R	benz_a_anthracene	precip	2.70	3.10	2.51	1.38	0.60	0.40	2.04	0.10	0.70	3.40	3.30	7.00	2.60
DE0008R	benz_a_anthracene	precip	9.53	5.17	6.79	4.45	1.01	0.57	0.89	0.89	2.72	3.37	7.71	24.64	5.92
PL0005R	benz_a_anthracene	precip	51.90	62.40	24.85	6.32	5.70	1.87	2.84	7.60	11.26	6.30	8.86	37.70	11.98
SI0008R	benz_a_anthracene	precip+dry_dep	0.05	0.04	0.07	0.02	0.01	0.01	0.00	0.01	0.01	0.01	0.05	0.10	0.03
CZ0003R	benzo_a_anthracene	precip	1.62	0.76	1.51	0.43	0.06	0.08	0.05	0.08	0.22	2.46	4.96	4.70	1.09
DE0009R	benzo_a_anthracene	precip	10.90	8.03	1.74	1.89	1.40	0.90	0.80	0.80	3.09	21.70	3.53	19.30	6.56
ES0001R	benzo_a_anthracene	precip+dry_dep	-	-	-	-	-	0.17	0.17	0.17	-	-	-	-	-
ES0007R	benzo_a_anthracene	precip+dry_dep	-	-	-	-	-	-	-	0.28	0.28	0.28	-	-	-
ES0008R	benzo_a_anthracene	precip+dry_dep	-	-	-	1.07	1.07	1.07	-	-	-	-	-	-	-
ES0014R	benzo_a_anthracene	precip+dry_dep	-	-	-	-	-	-	-	-	-	0.01	0.01	0.01	-
CZ0003R	benzo_a_pyrene	precip	1.97	0.81	1.63	0.51	0.16	0.08	0.05	0.09	0.42	1.87	1.71	3.73	0.87
DE0001R	benzo_a_pyrene	precip	3.30	5.43	3.39	9.08	2.50	1.48	0.97	0.30	2.30	2.30	2.11	6.80	2.67
DE0003R	benzo_a_pyrene	precip	3.40	3.70	3.21	1.86	0.80	0.56	1.66	0.40	0.76	2.50	3.28	6.50	2.63
DE0008R	benzo_a_pyrene	precip	13.10	5.97	7.15	5.16	1.10	0.90	1.30	1.30	2.89	2.80	6.20	21.80	5.73
DE0009R	benzo_a_pyrene	precip	10.30	9.71	1.87	1.80	1.40	1.10	1.09	1.00	1.83	8.80	2.61	14.50	4.24
ES0001R	benzo_a_pyrene	precip+dry_dep	-	-	-	-	-	0.78	0.78	0.78	-	-	-	-	-
ES0007R	benzo_a_pyrene	precip+dry_dep	-	-	-	-	-	-	-	0.42	0.42	0.42	-	-	-
ES0008R	benzo_a_pyrene	precip+dry_dep	-	-	-	1.90	1.90	1.90	-	-	-	-	-	-	-
ES0014R	benzo_a_pyrene	precip+dry_dep	-	-	-	-	-	-	-	-	-	0.01	0.01	0.01	-
PL0005R	benzo_a_pyrene	precip	73.10	91.50	40.72	9.92	7.30	1.22	6.58	17.40	24.00	10.20	10.93	67.30	19.19
SI0008R	benzo_a_pyrene	precip+dry_dep	0.07	0.06	0.06	0.03	0.01	0.01	0.01	0.01	0.01	0.02	0.06	0.11	0.04
CZ0003R	benzo_b_fluoranthene	precip	3.55	2.50	2.68	1.26	0.47	0.17	0.07	0.19	0.72	4.99	9.06	7.22	2.11
ES0001R	benzo_b_fluoranthene	precip+dry_dep	-	-	-	-	-	0.14	0.14	0.14	-	-	-	-	-
ES0007R	benzo_b_fluoranthene	precip+dry_dep	-	-	-	-	-	-	-	0.02	0.02	0.02	-	-	-
ES0008R	benzo_b_fluoranthene	precip+dry_dep	-	-	-	0.02	0.02	0.02	-	-	-	-	-	-	-
ES0014R	benzo_b_fluoranthene	precip+dry_dep	-	-	-	-	-	-	-	-	-	0.01	0.01	0.01	0.01
PL0005R	benzo_b_fluoranthene	precip	131.80	155.20	75.02	11.43	10.10	5.61	8.05	18.50	29.52	17.40	16.12	100.80	31.03
DE0003R	benzo_bjk_fluoranthenes	precip	19.80	21.87	16.12	8.81	3.50	1.71	5.37	0.90	2.60	10.80	14.41	36.00	12.76
DE0008R	benzo_bjk_fluoranthenes	precip	66.60	36.50	36.12	25.34	4.30	2.30	3.30	3.30	9.94	14.70	35.86	92.70	27.41
SI0008R	benzo_bjk_fluoranthenes	precip+dry_dep	0.51	0.50	0.25	0.11	0.03	0.03	0.01	0.03	0.05	0.07	0.20	0.36	0.17
DE0001R	benzo_ghi_ptylene	precip	5.76	7.42	4.50	7.75	1.87	0.43	0.84	0.23	2.22	2.98	2.84	15.06	3.70
DE0003R	benzo_ghi_ptylene	precip	6.28	6.33	5.52	2.49	1.05	0.55	1.25	0.30	0.89	3.19	5.00	12.08	4.08
DE0008R	benzo_ghi_ptylene	precip	29.10	13.36	13.02	6.52	1.50	0.90	1.40	1.40	3.31	6.20	11.83	35.80	10.06
DE0009R	benzo_ghi_ptylene	precip	14.40	15.79	2.78	1.83	1.30	1.29	0.89	0.80	1.67	8.20	4.04	20.80	5.28
ES0001R	benzo_ghi_ptylene	precip+dry_dep	-	-	-	-	-	0.17	0.17	0.17	-	-	-	-	-
ES0007R	benzo_ghi_ptylene	precip+dry_dep	-	-	-	-	-	-	-	0.25	0.25	0.25	-	-	-
ES0008R	benzo_ghi_ptylene	precip+dry_dep	-	-	-	0.96	0.96	0.96	-	-	-	-	-	-	-
ES0014R	benzo_ghi_ptylene	precip+dry_dep	-	-	-	-	-	-	-	-	-	0.01	0.01	0.01	-
CZ0003R	benzo_k_fluoranthene	precip	2.32	1.77	2.40	0.86	0.38	0.10	0.05	0.09	0.34	2.68	4.99	4.59	1.35

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ES0001R	benzo_k_fluoranthene	precip+dry_dep	-	-	-	-	-	0.27	0.27	0.27	-	-	-	-	-
ES0007R	benzo_k_fluoranthene	precip+dry_dep	-	-	-	-	-	-	-	0.39	0.39	0.39	-	-	-
ES0008R	benzo_k_fluoranthene	precip+dry_dep	-	-	-	1.51	1.51	1.51	-	-	-	-	-	-	-
ES0014R	benzo_k_fluoranthene	precip+dry_dep	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	-
PL0005R	benzo_k_fluoranthene	precip	77.80	60.80	28.83	4.91	4.20	2.45	3.56	8.50	11.10	6.30	6.03	42.30	13.05
CZ0003R	chrysene	precip	9.22	5.73	8.34	2.74	1.01	0.39	0.09	0.22	0.77	8.11	15.42	13.15	4.23
ES0001R	chrysene	precip+dry_dep	-	-	-	-	-	0.28	0.28	0.28	-	-	-	-	0.28
ES0007R	chrysene	precip+dry_dep	-	-	-	-	-	-	-	0.31	0.31	0.31	-	-	0.31
ES0008R	chrysene	precip+dry_dep	-	-	-	1.32	1.32	1.32	-	-	-	-	-	-	1.32
ES0014R	chrysene	precip+dry_dep	-	-	-	-	-	-	-	-	-	0.01	0.01	0.01	0.01
DE0008R	chrysene_triphenylene	precip	35.30	23.02	23.71	16.35	3.20	1.70	3.80	3.80	7.41	10.30	27.19	67.00	18.99
CZ0003R	dibenzo_ah_anthracene	precip	0.07	0.05	0.12	0.05	0.05	0.05	0.05	0.05	0.07	0.42	0.63	0.62	0.16
DE0001R	dibenzo_ah_anthracene	precip	0.95	1.22	0.87	1.84	0.40	0.38	0.11	0.04	0.37	0.54	0.55	3.47	0.76
DE0003R	dibenzo_ah_anthracene	precip	0.88	1.05	0.82	0.23	0.07	0.08	0.36	0.04	0.14	0.54	0.81	2.39	0.70
DE0008R	dibenzo_ah_anthracene	precip	3.86	1.88	2.03	0.98	0.17	0.05	0.16	0.16	0.52	1.19	2.17	5.87	1.60
DE0009R	dibenzo_ah_anthracene	precip	2.56	2.78	0.48	0.52	0.26	0.23	0.11	0.10	0.40	2.46	0.66	4.06	1.11
ES0001R	dibenzo_ah_anthracene	precip+dry_dep	-	-	-	-	-	0.40	0.40	0.40	-	-	-	-	-
ES0007R	dibenzo_ah_anthracene	precip+dry_dep	-	-	-	-	-	-	-	0.43	0.43	0.43	-	-	-
ES0008R	dibenzo_ah_anthracene	precip+dry_dep	-	-	-	1.83	1.83	1.83	-	-	-	-	-	-	-
ES0014R	dibenzo_ah_anthracene	precip+dry_dep	-	-	-	-	-	-	-	-	-	0.01	0.01	0.01	-
PL0005R	dibenzo_ah_anthracene	precip	12.10	50.70	23.84	2.11	1.40	0.88	1.81	27.00	0.76	4.80	4.25	34.40	9.92
SI0008R	dibenzo_ah_anthracene	precip+dry_dep	0.04	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.03	0.02
BE0014R	dieldrin	precip	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
DE0001R	dieldrin	precip	0.08	0.06	0.11	0.10	0.06	0.05	0.06	0.08	0.10	0.09	0.11	0.13	0.09
DE0003R	dieldrin	precip	0.09	0.13	0.15	0.18	0.09	0.07	0.07	0.18	0.07	0.06	0.06	0.09	0.09
DE0008R	dieldrin	precip	0.08	0.08	0.10	0.07	0.07	0.07	0.07	0.07	0.05	0.08	0.08	0.07	0.08
DE0009R	dieldrin	precip	0.13	0.04	0.07	0.07	0.06	0.03	0.04	0.03	0.05	0.06	0.05	0.03	0.05
IS0091R	dieldrin	precip	0.02	0.01	0.03	0.02	0.02	0.01	0.04	0.02	0.01	0.01	0.03	0.02	0.02
BE0014R	endrin	precip	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
DE0001R	endrin	precip	0.03	0.02	0.04	0.04	0.01	0.02	0.02	0.02	0.03	0.01	0.01	0.02	0.02
DE0003R	endrin	precip	0.02	0.01	0.00	0.06	0.01	0.01	0.01	0.08	0.05	0.01	0.01	0.01	0.02
DE0008R	endrin	precip	0.02	0.01	0.01	0.02	0.01	0.01	0.04	0.04	0.01	0.03	0.01	0.01	0.02
DE0009R	endrin	precip	0.16	0.06	0.04	0.06	0.02	0.01	0.08	0.06	0.08	0.02	0.02	0.03	0.04
DE0001R	fluoranthene	precip	9.00	15.88	10.33	37.38	7.70	5.18	4.87	4.70	9.03	13.90	14.58	71.70	15.90
DE0003R	fluoranthene	precip	17.90	26.89	19.32	20.43	7.90	4.47	5.68	5.00	7.32	21.80	17.61	37.60	16.60
DE0008R	fluoranthene	precip	64.80	40.15	44.52	35.02	9.60	4.00	9.00	9.00	16.69	26.40	35.62	105.60	33.47
DE0009R	fluoranthene	precip	33.70	47.96	12.15	7.69	9.60	4.31	4.94	5.30	10.24	55.50	20.70	84.10	24.93
ES0001R	fluoranthene	precip+dry_dep	-	-	-	-	-	0.53	0.53	0.53	-	-	-	-	-
ES0007R	fluoranthene	precip+dry_dep	-	-	-	-	-	-	-	0.59	0.59	0.59	-	-	-
ES0008R	fluoranthene	precip+dry_dep	-	-	-	3.03	3.03	3.03	-	-	-	-	-	-	-
ES0014R	fluoranthene	precip+dry_dep	-	-	-	-	-	-	-	-	-	0.01	0.01	0.01	-
CZ0003R	fluorene	precip	2.75	2.89	2.45	1.24	0.72	0.61	0.47	0.55	0.94	3.47	8.11	8.69	2.19
ES0001R	fluorene	precip+dry_dep	-	-	-	-	-	0.45	0.45	0.45	-	-	-	-	-
ES0007R	fluorene	precip+dry_dep	-	-	-	-	-	-	-	0.36	0.36	0.36	-	-	-

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ES0008R	fluorene	precip+dry_dep	-	-	-	2.12	2.12	2.12	-	-	-	-	-	-	-
ES0014R	fluorene	precip+dry_dep	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	-
CZ0003R	phenanthrene	precip	19.17	18.23	15.28	7.99	3.34	2.44	1.70	1.40	2.49	20.75	42.75	45.72	11.87
DE0001R	phenanthrene	precip	13.80	18.07	8.13	44.29	9.80	0.68	8.45	16.40	6.98	16.00	15.12	47.70	16.04
DE0003R	phenanthrene	precip	17.00	17.00	15.11	25.96	21.00	6.21	9.94	8.00	13.83	40.00	19.52	35.00	19.38
DE0008R	phenanthrene	precip	39.00	39.00	32.17	26.95	15.00	7.00	24.00	24.00	20.73	31.00	33.91	59.00	28.69
DE0009R	phenanthrene	precip	15.90	26.40	10.35	9.62	7.80	4.96	8.45	16.70	13.35	41.40	17.53	59.10	20.16
ES0001R	phenanthrene	precip+dry_dep	-	-	-	-	-	1.27	1.27	1.27	-	-	-	-	-
ES0007R	phenanthrene	precip+dry_dep	-	-	-	-	-	-	-	1.15	1.15	1.15	-	-	-
ES0008R	phenanthrene	precip+dry_dep	-	-	-	4.90	4.90	4.90	-	-	-	-	-	-	-
ES0014R	phenanthrene	precip+dry_dep	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	-
CZ0003R	pyrene	precip	13.77	8.86	11.04	6.17	0.76	0.68	0.41	1.14	1.37	16.48	29.19	27.37	7.57
DE0001R	pyrene	precip	6.60	12.61	8.19	30.50	7.00	1.33	3.57	3.90	6.02	9.90	8.24	40.50	10.28
DE0003R	pyrene	precip	13.10	16.85	12.26	16.80	5.90	3.17	4.47	3.30	6.19	18.40	13.23	27.70	12.10
DE0008R	pyrene	precip	42.60	23.99	29.05	25.17	7.40	3.80	7.50	7.50	11.75	16.70	27.47	83.00	24.01
DE0009R	pyrene	precip	28.20	31.47	8.48	6.50	8.50	4.31	4.60	5.50	9.03	43.70	13.16	62.10	18.91
ES0001R	pyrene	precip+dry_dep	-	-	-	-	-	0.53	0.53	0.53	-	-	-	-	-
ES0007R	pyrene	precip+dry_dep	-	-	-	-	-	-	-	0.59	0.59	0.59	-	-	-
ES0008R	pyrene	precip+dry_dep	-	-	-	2.68	2.68	2.68	-	-	-	-	-	-	-
ES0014R	pyrene	precip+dry_dep	-	-	-	-	-	-	-	-	-	0.002	0.002	0.002	0.002
BE0014R	heptachlor	precip	2	2	2	2	2	2	2	2	2	2	2	2	2
DE0001R	heptachlor	precip	0.012	0.009	0.01	0.016	0.004	0.007	0.007	0.005	0.009	0.005	0.005	0.008	0.007
DE0003R	heptachlor	precip	0.006	0.003	0.002	0.023	0.004	0.004	0.004	0.021	0.013	0.003	0.006	0.004	0.005
DE0008R	heptachlor	precip	0.01	0.004	0.003	0.009	0.005	0.005	0.012	0.012	0.005	0.004	0.004	0.005	0.005
DE0009R	heptachlor	precip	0.069	0.024	0.015	0.034	0.007	0.004	0.021	0.016	0.021	0.007	0.008	0.013	0.013
CZ0003R	inden_123cd_pyrene	precip	2.79	1.61	2.31	0.87	0.41	0.10	0.05	0.09	0.58	2.90	4.77	3.91	1.31
DE0001R	inden_123cd_pyrene	precip	5.68	7.37	4.33	7.60	1.88	1.27	0.86	0.19	2.29	3.00	2.92	17.25	3.94
DE0003R	inden_123cd_pyrene	precip	5.79	6.28	5.22	2.49	1.07	0.54	1.50	0.26	0.82	3.15	4.86	12.95	4.11
DE0008R	inden_123cd_pyrene	precip	28.80	12.96	12.64	7.08	1.50	0.90	1.30	1.30	3.37	5.70	12.88	41.00	10.57
DE0009R	inden_123cd_pyrene	precip	16.60	18.98	2.94	1.92	1.30	1.29	0.90	0.90	1.85	9.70	4.00	21.70	5.80
ES0001R	inden_123cd_pyrene	precip+dry_dep	-	-	-	-	-	0.338	0.338	0.338	-	-	-	-	-
ES0007R	inden_123cd_pyrene	precip+dry_dep	-	-	-	-	-	-	-	0.515	0.515	0.515	-	-	-
ES0008R	inden_123cd_pyrene	precip+dry_dep	-	-	-	2.132	2.132	2.132	-	-	-	-	-	-	-
ES0014R	inden_123cd_pyrene	precip+dry_dep	-	-	-	-	-	-	-	-	-	0.009	0.009	0.009	-
PL0005R	inden_123cd_pyrene	precip	104.3	165.4	68.928	9.299	8.9	2.781	6.71	15.2	20.849	17.4	12.746	99.4	28.243
SI0008R	inden_123cd_pyrene	precip+dry_dep	0.161	0.126	0.12	0.082	0.018	0.016	0.005	0.007	0.011	0.03	0.132	0.227	0.076
BE0014R	PCB_101	precip	2	2	2	2	2	2	2	2	2	2	2	2	2
CZ0003R	PCB_101	precip	0.087	0.113	0.053	0.05	0.121	0.079	0.052	0.05	0.05	0.05	0.05	0.05	0.067
DE0001R	PCB_101	precip	0.025	0.026	0.037	0.746	0.182	0.322	0.195	0.131	0.198	0.015	0.043	0.026	0.118
DE0003R	PCB_101	precip	0.019	0.028	0.027	0.079	0.022	0.028	0.174	0.055	0.239	0.306	0.127	0.158	0.116
DE0008R	PCB_101	precip	0.028	0.054	0.019	0.139	0.496	0.051	0.324	0.324	0.107	0.05	0.013	0.016	0.112
DE0009R	PCB_101	precip	0.788	0.254	0.155	1.438	0.219	0.195	0.253	0.352	0.24	0.118	0.027	0.041	0.2
FI0096G	PCB_101	precip+dry_dep	0.05	0.02	0.011	0.011	0.02	0.021	0.027	0.01	0.01	0.01	0.235	0.03	0.037

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
IS0091R	PCB_101	precip	0.009	0.004	0.014	0.002	0.017	0.006	0.011	0.003	0.001	0.001	0.006	0.006	0.005
NO0001R	PCB_101	precip	0.01	0.012	0.013	0.014	0.006	0.005	0.005	0.008	0.006	0.004	0.006	0.008	0.007
SE0012R	PCB_101	precip+dry_dep	-	0.02	0.02	0.023	0.04	0.03	0.03	0.03	0.029	0.02	0.038	0.01	0.026
SE0014R	PCB_101	precip+dry_dep	-	0.19	0.123	0.127	0.11	0.109	0.1	0.099	0.062	0.08	0.069	0.03	0.099
IS0091R	PCB_105	precip	0.002	0.004	0.008	0.002	0.005	0.006	0.011	0.003	0.001	0.001	0.006	0.006	0.003
BE0014R	PCB_118	precip	1	1	1	1	1	1	1	1	1	1	1	1	1
CZ0003R	PCB_118	precip	0.05	0.055	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
DE0001R	PCB_118	precip	0.013	0.013	0.019	0.355	0.087	0.152	0.079	0.053	0.081	0.015	0.018	0.011	0.053
DE0003R	PCB_118	precip	0.01	0.009	0.009	0.043	0.012	0.013	0.046	0.03	0.033	0.116	0.049	0.048	0.038
DE0008R	PCB_118	precip	0.014	0.017	0.01	0.04	0.094	0.021	0.131	0.131	0.044	0.027	0.006	0.007	0.033
DE0009R	PCB_118	precip	0.28	0.09	0.056	0.684	0.104	0.092	0.095	0.11	0.037	0.038	0.011	0.017	0.075
FI0096G	PCB_118	precip+dry_dep	0.005	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.103	0.01	0.018
IS0091R	PCB_118	precip	0.004	0.004	0.007	0.002	0.005	0.006	0.011	0.003	0.001	0.001	0.006	0.006	0.003
NO0001R	PCB_118	precip	0.007	0.009	0.009	0.008	0.006	0.004	0.004	0.006	0.005	0.003	0.007	0.006	0.006
SE0012R	PCB_118	precip+dry_dep	-	0.02	0.019	0.011	0.02	0.011	0.02	0.02	0.02	0.02	0.038	0.01	0.019
SE0014R	PCB_118	precip+dry_dep	-	0.11	0.12	0.115	0.08	0.107	0.063	0.079	0.042	0.06	0.049	0.02	0.076
BE0014R	PCB_138	precip	1	1	1	1	1	1	1	1	1	1	1	1	1
CZ0003R	PCB_138	precip	0.062	0.081	0.05	0.05	0.05	0.059	0.05	0.05	0.05	0.05	0.05	0.05	0.054
DE0001R	PCB_138	precip	0.041	0.042	0.062	1.359	0.332	0.584	0.315	0.212	0.322	0.038	0.042	0.021	0.197
DE0003R	PCB_138	precip	0.03	0.031	0.033	0.132	0.037	0.041	0.155	0.092	0.076	0.158	0.105	0.089	0.085
DE0008R	PCB_138	precip	0.044	0.066	0.037	0.135	0.356	0.085	0.523	0.523	0.171	0.043	0.052	0.041	0.123
DE0009R	PCB_138	precip	1.33	0.429	0.262	2.62	0.4	0.354	0.375	0.519	0.374	0.141	0.023	0.032	0.32
FI0096G	PCB_138	precip+dry_dep	0.09	0.01	0.01	0.011	0.02	0.021	0.027	0.01	0.019	0.01	0.085	0.03	0.024
IS0091R	PCB_138	precip	0.025	0.026	0.034	0.002	0.005	0.006	0.011	0.003	0.001	0.001	0.006	0.006	0.01
NO0001R	PCB_138	precip	0.014	0.011	0.026	0.01	0.005	0.004	0.004	0.005	0.005	0.004	0.01	0.01	0.009
SE0012R	PCB_138	precip+dry_dep	-	0.04	0.039	0.034	0.06	0.03	0.032	0.04	0.04	0.04	0.058	0.02	0.039
SE0014R	PCB_138	precip+dry_dep	-	0.62	0.303	0.317	0.3	0.333	0.25	0.295	0.157	0.22	0.16	0.09	0.274
BE0014R	PCB_153	precip	1	1	1	1	1	1	1	1	1	1	1	1	1
CZ0003R	PCB_153	precip	0.099	0.108	0.058	0.05	0.05	0.051	0.054	0.05	0.05	0.05	0.055	0.05	0.058
DE0001R	PCB_153	precip	0.036	0.037	0.06	1.511	0.369	0.649	0.342	0.23	0.35	0.045	0.036	0.02	0.214
DE0003R	PCB_153	precip	0.026	0.038	0.027	0.144	0.041	0.043	0.146	0.101	0.078	0.134	0.096	0.102	0.082
DE0008R	PCB_153	precip	0.039	0.054	0.029	0.152	0.407	0.08	0.568	0.568	0.184	0.035	0.061	0.03	0.13
DE0009R	PCB_153	precip	1.24	0.399	0.248	2.912	0.444	0.393	0.401	0.547	0.357	0.114	0.021	0.031	0.329
FI0096G	PCB_153	precip+dry_dep	0.07	0.01	0.01	0.013	0.03	0.021	0.035	0.01	0.01	0.01	0.132	0.02	0.028
IS0091R	PCB_153	precip	0.029	0.023	0.03	0.002	0.009	0.017	0.011	0.01	0.002	0.001	0.006	0.006	0.011
NO0001R	PCB_153	precip	0.016	0.015	0.029	0.013	0.013	0.005	0.005	0.005	0.008	0.005	0.01	0.011	0.01
SE0012R	PCB_153	precip+dry_dep	-	0.03	0.035	0.034	0.06	0.03	0.033	0.05	0.04	0.04	0.048	0.01	0.037
SE0014R	PCB_153	precip+dry_dep	-	0.56	0.263	0.294	0.32	0.334	0.252	0.257	0.166	0.22	0.15	0.08	0.261
IS0091R	PCB_156	precip	0.003	0.004	0.006	0.002	0.005	0.006	0.011	0.003	0.001	0.001	0.006	0.006	0.003
BE0014R	PCB_180	precip	1	1	1	1	1	1	1	1	1	1	1	1	1
CZ0003R	PCB_180	precip	0.05	0.062	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.051
DE0001R	PCB_180	precip	0.011	0.011	0.065	0.396	0.097	0.169	0.075	0.051	0.077	0.005	0.012	0.019	0.056
DE0003R	PCB_180	precip	0.008	0.019	0.016	0.032	0.009	0.011	0.056	0.023	0.019	0.04	0.023	0.025	0.026
DE0008R	PCB_180	precip	0.029	0.029	0.021	0.047	0.057	0.024	0.125	0.125	0.042	0.023	0.072	0.019	0.04
DE0009R	PCB_180	precip	0.341	0.11	0.068	0.764	0.117	0.103	0.095	0.111	0.087	0.069	0.01	0.014	0.09
FI0096G	PCB_180	precip+dry_dep	0.04	0.01	0.01	0.01	0.01	0.011	0.018	0.01	0.001	0.01	0.02	0.02	0.012
IS0091R	PCB_180	precip	0.006	0.009	0.009	0.002	0.01	0.015	0.011	0.003	0.001	0.001	0.006	0.006	0.005
NO0001R	PCB_180	precip	0.016	0.012	0.042	0.010	0.012	0.002	0.002	0.001	0.003	0.002	0.010	0.011	0.01

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
SE0012R	PCB_180	precip+dry_dep	-	0.03	0.029	0.023	0.04	0.02	0.022	0.03	0.029	0.02	0.048	0.01	0.027
SE0014R	PCB_180	precip+dry_dep	-	0.47	0.218	0.201	0.21	0.263	0.18	0.226	0.115	0.16	0.13	0.09	0.204
BE0014R	PCB_28	precip	3	3	3	3	3	3	3	3	3	3	3	3	3
CZ0003R	PCB_28	precip	0.289	0.256	0.216	0.417	0.269	0.204	0.112	0.096	0.108	0.084	0.055	0.055	0.166
DE0001R	PCB_28	precip	0.029	0.383	0.049	0.465	0.114	0.199	0.22	0.872	0.093	0.05	0.082	0.013	0.208
DE0003R	PCB_28	precip	0.067	0.064	0.04	0.095	0.133	0.044	0.131	0.043	0.367	0.367	0.142	0.231	0.138
DE0008R	PCB_28	precip	0.031	0.105	0.047	0.091	0.121	0.045	0.145	0.145	0.216	0.104	0.061	0.085	0.097
DE0009R	PCB_28	precip	0.698	0.225	0.134	0.897	0.137	0.129	0.445	0.361	0.267	0.163	0.083	0.117	0.208
FI0096G	PCB_28	precip+dry_dep	0.005	0.02	0.011	0.005	0.005	0.005	0.005	0.005	0.011	0.06	0.133	0.005	0.024
IS0091R	PCB_28	precip	0.005	0.011	0.011	0.005	0.085	0.056	0.032	0.01	0.004	0.004	0.019	0.021	0.013
NO0001R	PCB_28	precip	0.010	0.014	0.011	0.024	0.009	0.013	0.008	0.028	0.017	0.014	0.009	0.010	0.012
SE0012R	PCB_28	precip+dry_dep	-	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
SE0014R	PCB_28	precip+dry_dep	-	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
IS0091R	PCB_31	precip	0.003	0.007	0.007	0.004	0.059	0.034	0.021	0.007	0.003	0.003	0.013	0.015	0.009
BE0014R	PCB_52	precip	3	3	3	3	3	3	3	3	3	3	3	3	3
CZ0003R	PCB_52	precip	0.15	0.213	0.126	0.178	0.357	0.253	0.128	0.219	0.305	0.109	0.213	0.288	0.207
DE0001R	PCB_52	precip	0.011	0.126	0.03	0.175	0.043	0.075	0.11	0.472	0.039	0.015	0.027	0.009	0.097
DE0003R	PCB_52	precip	0.025	0.027	0.02	0.053	0.049	0.023	0.101	0.013	0.321	0.321	0.046	0.072	0.08
DE0008R	PCB_52	precip	0.012	0.039	0.017	0.03	0.104	0.017	0.062	0.062	0.098	0.021	0.014	0.017	0.04
DE0009R	PCB_52	precip	0.266	0.086	0.051	0.336	0.051	0.047	0.142	0.147	0.09	0.079	0.02	0.046	0.077
FI0096G	PCB_52	precip+dry_dep	0.005	0.04	0.039	0.005	0.005	0.032	0.051	0.006	0.051	0.06	0.183	0.12	0.053
IS0091R	PCB_52	precip	0.002	0.004	0.004	0.002	0.032	0.006	0.011	0.003	0.001	0.001	0.006	0.008	0.004
NO0001R	PCB_52	precip	0.010	0.012	0.011	0.018	0.007	0.009	0.006	0.014	0.011	0.009	0.008	0.010	0.009
SE0012R	PCB_52	precip+dry_dep	-	0.005	0.021	0.085	0.12	0.051	0.065	0.041	0.055	0.01	0.038	0.01	0.046
SE0014R	PCB_52	precip+dry_dep	-	0.39	0.319	0.517	0.3	0.497	0.32	0.317	0.228	0.21	0.158	0.05	0.299
NO0001R	PCB_99	precip	0.003	0.008	0.004	0.005	0.002	0.002	0.001	0.002	0.002	0.001	0.002	0.002	0.002
BE0014R	op_DDD	precip	1	1	1	1	1	1	1	1	1	1	1	1	1
DE0001R	op_DDD	precip	0.008	0.007	0.039	0.05	0.004	0.007	0.006	0.011	0.005	0.005	0.004	0.008	0.009
DE0003R	op_DDD	precip	0.005	0.002	0.001	0.013	0.002	0.002	0.004	0.016	0.01	0.003	0.005	0.004	0.004
DE0008R	op_DDD	precip	0.008	0.002	0.002	0.015	0.005	0.002	0.008	0.008	0.004	0.012	0.004	0.005	0.005
DE0009R	op_DDD	precip	0.053	0.017	0.011	0.099	0.021	0.004	0.024	0.017	0.017	0.016	0.016	0.012	0.017
BE0014R	op_DDE	precip	2	2	2	2	2	2	2	2	2	2	2	2	2
DE0001R	op_DDE	precip	0.009	0.008	0.031	0.057	0.005	0.006	0.004	0.003	0.006	0.005	0.005	0.009	0.008
DE0003R	op_DDE	precip	0.006	0.002	0.002	0.011	0.002	0.002	0.005	0.014	0.009	0.004	0.006	0.004	0.005
DE0008R	op_DDE	precip	0.009	0.004	0.003	0.004	0.003	0.002	0.007	0.007	0.003	0.004	0.004	0.005	0.004
DE0009R	op_DDE	precip	0.061	0.02	0.015	0.083	0.012	0.004	0.014	0.011	0.015	0.017	0.009	0.014	0.014
BE0014R	op_DDT	precip	2	2	2	2	2	2	2	2	2	2	2	2	2
DE0001R	op_DDT	precip	0.009	0.008	0.045	0.056	0.007	0.011	0.005	0.011	0.005	0.006	0.006	0.01	0.01
DE0003R	op_DDT	precip	0.006	0.006	0.007	0.021	0.009	0.006	0.015	0.019	0.013	0.025	0.007	0.013	0.012
DE0008R	op_DDT	precip	0.026	0.013	0.014	0.042	0.014	0.008	0.019	0.019	0.018	0.016	0.02	0.033	0.019
DE0009R	op_DDT	precip	0.088	0.088	0.049	0.079	0.049	0.017	0.039	0.037	0.042	0.113	0.035	0.016	0.051
IS0091R	op_DDT	precip	0.002	0.004	0.004	0.002	0.005	0.006	0.011	0.003	0.001	0.001	0.006	0.006	0.003
BE0014R	pp_DDD	precip	1	1	1	1	1	1	1	1	1	1	1	1	1
CZ0003R	pp_DDD	precip	0.062	0.064	0.05	0.05	0.053	0.05	0.05	0.05	0.05	0.065	0.076	0.062	0.055
DE0001R	pp_DDD	precip	0.008	0.007	0.061	0.067	0.004	0.007	0.009	0.026	0.016	0.01	0.009	0.007	0.015
DE0003R	pp_DDD	precip	0.005	0.002	0.005	0.02	0.014	0.006	0.013	0.029	0.012	0.009	0.005	0.008	0.009

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DE0008R	pp_DDD	precip	0.023	0.008	0.009	0.042	0.016	0.011	0.009	0.009	0.016	0.019	0.011	0.018	0.015
DE0009R	pp_DDD	precip	0.051	0.066	0.049	0.199	0.035	0.022	0.071	0.047	0.051	0.051	0.027	0.012	0.044
IS0091R	pp_DDD	precip	0.002	0.004	0.004	0.002	0.005	0.006	0.011	0.003	0.001	0.002	0.006	0.006	0.003
BE0014R	pp_DDE	precip	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35
CZ0003R	pp_DDE	precip	0.135	0.117	0.082	0.107	0.093	0.06	0.055	0.094	0.1	0.076	0.125	0.05	0.082
DE0001R	pp_DDE	precip	0.01	0.01	0.05	0.31	0.03	0.052	0.01	0.027	0.008	0.019	0.038	0.033	0.033
DE0003R	pp_DDE	precip	0.017	0.019	0.021	0.036	0.022	0.01	0.046	0.022	0.02	0.044	0.017	0.026	0.026
DE0008R	pp_DDE	precip	0.038	0.039	0.039	0.111	0.034	0.008	0.04	0.04	0.049	0.031	0.048	0.092	0.045
DE0009R	pp_DDE	precip	0.077	0.094	0.055	0.287	0.123	0.032	0.024	0.026	0.045	0.172	0.071	0.06	0.079
IS0091R	pp_DDE	precip	0.002	0.004	0.004	0.002	0.005	0.006	0.017	0.003	0.001	0.001	0.006	0.006	0.003
BE0014R	pp_DDT	precip	1	1	1	1	1	1	1	1	1	1	1	1	1
CZ0003R	pp_DDT	precip	0.133	0.137	0.074	0.1	0.09	0.076	0.076	0.069	0.074	0.094	0.064	0.196	0.092
DE0001R	pp_DDT	precip	0.046	0.037	0.098	0.236	0.03	0.015	0.018	0.034	0.091	0.03	0.035	0.057	0.047
DE0003R	pp_DDT	precip	0.027	0.026	0.041	0.053	0.037	0.024	0.055	0.133	0.027	0.058	0.028	0.031	0.04
DE0008R	pp_DDT	precip	0.079	0.05	0.07	0.227	0.067	0.055	0.087	0.087	0.081	0.055	0.076	0.13	0.082
DE0009R	pp_DDT	precip	0.333	0.441	0.227	0.448	0.257	0.083	0.195	0.156	0.26	0.538	0.18	0.131	0.254
IS0091R	pp_DDT	precip	0.002	0.004	0.005	0.003	0.005	0.006	0.021	0.007	0.003	0.005	0.013	0.012	0.005
IS0091R	trans_CD	precip	0.002	0.004	0.004	0.002	0.005	0.006	0.011	0.003	0.001	0.001	0.006	0.006	0.003
IS0091R	trans_NO	precip	0.002	0.004	0.006	0.002	0.005	0.006	0.011	0.003	0.001	0.001	0.006	0.006	0.003
IS0091R	cis_CD	precip	0.002	0.004	0.004	0.002	0.005	0.006	0.011	0.003	0.001	0.001	0.006	0.006	0.003
BE0014R	precipitation_amount	precip	68	55	43	50	61	87	91	31	53	131	163	107	940
CZ0003R	precipitation_amount	precip	14	54	72	22	57	110	75	102	14	66	29	43	655
DE0001R	precipitation_amount	precip	35	37	40	19	66	42	76	93	70	106	131	68	782
DE0003R	precipitation_amount	precip	47	123	194	35	107	137	194	41	78	154	202	139	1453
DE0008R	precipitation_amount	precip	32	103	137	66	140	149	184	37	132	135	147	112	1374
DE0009R	precipitation_amount	precip	8	28	51	10	55	69	47	36	43	79	76	43	547
IS0091R	precipitation_amount	precip	126	57	56	109	37	33	19	57	152	147	31	33	857
NL0091R	precipitation_amount	precip	53	60	48	24	94	33	12	41	55	86	135	82	722
NO0001R	precipitation_amount	precip	205	60	99	55	56	52	243	122	93	206	417	204	1805
PL0005R	precipitation_amount	precip	14	24	51	9	51	116	87	45	26	64	47	25	560

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
ES0001R	acenaphthene	pm10	-	-	-	-	-	0.028	0.028	0.028	-	-	-	-	-
ES0007R	acenaphthene	pm10	-	-	-	-	-	-	-	0.028	0.028	0.028	-	-	-
ES0008R	acenaphthene	pm10	0.028	0.028	0.028	0.034	0.028	0.028	0.028	0.028	0.028	0.028	0.028	-	0.028
ES0014R	acenaphthene	pm10	-	-	-	-	-	-	-	-	-	0.028	0.028	0.028	0.028
NO0001R	acenaphthene	air+aerosol	0.337	0.193	0.212	0.165	0.244	0.196	0.214	0.141	0.259	-	-	-	0.214
NO0002R	acenaphthene	air+aerosol	-	-	-	-	-	-	0.097	0.037	0.028	0.042	0.134	0.103	-
NO0042G	acenaphthene	air+aerosol	0.016	0.018	0.012	0.002	0.002	0.001	0.001	0.002	0.002	0.003	0.005	0.007	0.006
NO0090R	acenaphthene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.059	0.054	-
ES0001R	acenaphthylene	pm10	-	-	-	-	-	0.01	0.01	0.01	-	-	-	-	-
ES0007R	acenaphthylene	pm10	-	-	-	-	-	-	-	0.01	0.01	0.01	-	-	-
ES0008R	acenaphthylene	pm10	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-
ES0014R	acenaphthylene	pm10	-	-	-	-	-	-	-	-	-	0.01	0.01	0.01	-
NO0001R	acenaphthylene	air+aerosol	0.06	0.031	0.042	0.029	0.013	0.013	0.013	0.014	0.011	-	-	-	0.026
NO0002R	acenaphthylene	air+aerosol	-	-	-	-	-	-	0.024	0.01	0.01	0.017	0.036	0.039	0.023
NO0042G	acenaphthylene	air+aerosol	0.007	0.006	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.001	0.003	0.002
NO0090R	acenaphthylene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.005	0.005	-
NO0001R	anthanthrene	air+aerosol	0.02	0.021	0.02	0.02	0.02	0.02	0.02	0.02	0.02	-	-	-	0.02
NO0002R	anthanthrene	air+aerosol	-	-	-	-	-	-	0.02	0.02	0.02	0.02	0.061	0.039	-
NO0042G	anthanthrene	air+aerosol	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001
NO0090R	anthanthrene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.002	0.001	-
CZ0003R	anthracene	air+aerosol	0.679	0.159	0.044	0.009	0.009	0.009	0.008	0.006	0.023	0.174	0.266	0.65	0.183
DE0001R	anthracene	air+aerosol	0.054	0.226	0.049	0.117	0.271	0.056	0.032	0.067	0.066	0.039	0.054	0.101	0.093
DE0003R	anthracene	air+aerosol	0.03	0.01	0.013	0.014	0.042	0.043	0.025	0.039	0.021	0.029	0.022	0.04	0.028
DE0008R	anthracene	air+aerosol	0.12	0.209	0.025	0.006	0.03	0.038	0.028	0.02	0.058	0.059	0.032	0.044	0.055
DE0009R	anthracene	air+aerosol	0.142	0.096	0.033	0.032	0.102	0.043	0.023	0.167	0.041	0.105	0.097	0.097	0.082
ES0001R	anthracene	pm10	-	-	-	-	-	0.001	0.001	0.001	-	-	-	-	-
ES0007R	anthracene	pm10	-	-	-	-	-	-	-	0.001	0.001	0.001	-	-	-
ES0008R	anthracene	pm10	0.001	0.001	0.001	0.008	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-	0.001
ES0014R	anthracene	pm10	-	-	-	-	-	-	-	-	-	0.06	0.001	0.001	0.009
NO0001R	anthracene	air+aerosol	0.016	0.017	0.015	0.283	0.011	0.013	0.019	0.011	0.01	-	-	-	0.047
NO0002R	anthracene	air+aerosol	-	-	-	-	-	-	0.012	0.01	0.01	0.01	0.025	0.021	0.015
NO0042G	anthracene	air+aerosol	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001
NO0090R	anthracene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.004	0.004	0.004
AT0002R	benz_a_anthracene	pm10	2.16	0.86	0.35	0.16	0.03	0.01	0.00	0.02	0.07	0.39	0.27	0.75	0.423
BE0013R	benz_a_anthracene	air+aerosol	0.69	0.31	0.15	0.14	0.05	0.06	0.03	0.10	0.05	0.12	0.09	0.19	0.152
CZ0003R	benz_a_anthracene	air+aerosol	1.492	0.414	0.04	0.016	0.005	0.006	0.003	0.003	0.01	0.186	0.201	1.047	0.306
DE0003R	benz_a_anthracene	air+aerosol	0.054	0.022	0.018	0.019	0.007	0.006	0.003	0.003	0.02	0.044	0.017	0.168	0.032
DE0008R	benz_a_anthracene	air+aerosol	0.396	0.26	0.02	0.04	0.012	0.008	0.007	0.007	0.024	0.048	0.066	0.135	0.084
NO0001R	benz_a_anthracene	air+aerosol	0.032	0.032	0.022	0.012	0.012	0.011	0.012	0.011	0.01	-	-	-	0.018
NO0002R	benz_a_anthracene	air+aerosol	-	-	-	-	-	-	0.012	0.011	0.01	0.012	0.091	0.08	-
NO0042G	benz_a_anthracene	air+aerosol	0.016	0.008	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.003
NO0090R	benz_a_anthracene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.007	0.008	-
NL0009R	benz_a_anthracene	pm10	0.152	0.059	0.025	0.014	0.004	0.004	0.004	0.004	0.008	0.043	0.031	0.168	0.041
PL0005R	benz_a_anthracene	pm10	3.278	0.804	0.438	0.209	0.044	0.025	0.011	0.02	0.034	-	-	-	-
SI0008R	benz_a_anthracene	pm10	0.748	0.507	0.137	0.068	0.031	0.03	0.026	0.032	0.059	0.098	0.169	0.46	0.207
DE0001R	benzo_a_anthracene	air+aerosol	65.956	270.911	27.507	57.819	69.872	8.849	4.339	4.843	15.155	103.841	108.252	161.189	73.522
DE0009R	benzo_a_anthracene	air+aerosol	0.255	0.27	0.024	0.095	0.025	0.008	0.004	0.03	0.018	0.203	0.242	0.391	0.13

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
ES0001R	benzo_a_anthracene	pm10	-	-	-	-	-	0.005	0.005	0.005	-	-	-	-	-
ES0007R	benzo_a_anthracene	pm10	-	-	-	-	-	-	-	0.005	0.005	0.005	-	-	-
ES0008R	benzo_a_anthracene	pm10	0.005	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	-	-
ES0014R	benzo_a_anthracene	pm10	-	-	-	-	-	-	-	-	-	0.005	0.005	0.005	-
NO0001R	benzo_a_fluoranthene	air+aerosol	0.014	0.017	0.012	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-
NO0002R	benzo_a_fluoranthene	air+aerosol	-	-	-	-	-	-	0.01	0.01	0.01	0.011	0.042	0.022	-
NO0042G	benzo_a_fluoranthene	air+aerosol	0.006	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002
NO0090R	benzo_a_fluoranthene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.001	0.004	-
NO0001R	benzo_a_fluorene	air+aerosol	0.023	0.019	0.018	0.01	0.011	0.01	0.01	0.01	0.01	-	-	-	0.014
NO0002R	benzo_a_fluorene	air+aerosol	-	-	-	-	-	-	0.01	0.01	0.01	0.011	0.06	0.052	-
NO0042G	benzo_a_fluorene	air+aerosol	0.01	0.006	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.004	0.002
NO0090R	benzo_a_fluorene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.138	0.126	-
AT0002R	benzo_a_pyrene	pm10	2.5	1.0	0.4	0.2	0.0	0.0	0.0	0.0	0.1	0.6	0.9	1.8	0.639
BE0013R	benzo_a_pyrene	air+aerosol	1.0	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.6	0.237
CY0002R	benzo_a_pyrene	pm10	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.1	0.1	0.03
CZ0003R	benzo_a_pyrene	air+aerosol	1.996	0.467	0.07	0.025	0.006	0.007	0.003	0.003	0.004	0.189	0.203	0.628	0.312
DE0001R	benzo_a_pyrene	air+aerosol	0.072	0.34	0.021	0.072	0.066	0.008	0.003	0.004	0.01	0.136	0.108	0.194	0.084
DE0003R	benzo_a_pyrene	air+aerosol	0.081	0.032	0.025	0.031	0.01	0.007	0.004	0.004	0.029	0.052	0.022	0.187	0.041
DE0008R	benzo_a_pyrene	air+aerosol	0.492	0.345	0.01	0.06	0.016	0.01	0.008	0.012	0.025	0.048	0.068	0.17	0.104
DE0009R	benzo_a_pyrene	air+aerosol	0.361	0.366	0.011	0.128	0.024	0.007	0.005	0.02	0.012	0.321	0.536	0.518	0.191
EE0009R	benzo_a_pyrene	air+aerosol	0.307	0.31	0.18	0.057	0.021	0.012	0.007	0.013	0.043	0.084	0.207	0.481	0.141
ES0001R	benzo_a_pyrene	pm10	-	-	-	-	-	0.007	0.007	0.007	-	-	-	-	-
ES0007R	benzo_a_pyrene	pm10	-	-	-	-	-	-	-	0.007	0.007	0.007	-	-	-
ES0008R	benzo_a_pyrene	pm10	0.007	0.009	0.012	0.009	0.009	0.007	0.007	0.007	0.007	0.007	0.009	-	-
ES0014R	benzo_a_pyrene	pm10	-	-	-	-	-	-	-	-	-	0.84	0.007	0.007	-
LV0016R	benzo_a_pyrene	pm10	0.67	0.31	0.184	0.075	0.035	0.278	-	0.035	0.035	0.084	0.281	0.77	0.25
NL0009R	benzo_a_pyrene	pm10	0.188	0.077	0.033	0.034	0.006	0.003	0.005	0.009	0.01	0.068	0.047	0.228	0.057
NL0091R	benzo_a_pyrene	pm10	0.534	0.138	0.021	0.045	0.009	0.006	0.005	0.012	0.016	0.06	0.052	0.227	0.095
NO0001R	benzo_a_pyrene	air+aerosol	0.033	0.045	0.028	0.013	0.012	0.01	0.01	0.01	0.01	-	-	-	0.02
NO0002R	benzo_a_pyrene	air+aerosol	-	-	-	-	-	-	0.01	0.01	0.01	0.015	0.113	0.091	-
NO0042G	benzo_a_pyrene	air+aerosol	0.019	0.011	0.003	0.015	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.004
NO0090R	benzo_a_pyrene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.007	0.011	-
SI0008R	benzo_a_pyrene	pm10	0.727	0.41	0.16	0.109	0.039	0.025	0.041	0.073	0.098	0.189	0.229	0.535	0.23
AT0002R	benzo_b_fluoranthene	pm10	3.52	1.52	0.75	0.50	0.10	0.04	0.03	0.07	0.17	0.72	0.98	1.93	0.86
CY0002R	benzo_b_fluoranthene	pm10	0.06	0.05	0.02	0.02	0.02	0.01	0.02	0.02	-	0.02	0.09	0.08	0.038
CZ0003R	benzo_b_fluoranthene	air+aerosol	2.67	0.46	0.17	0.04	0.01	0.02	0.01	0.01	0.01	0.33	0.30	1.05	0.442
ES0001R	benzo_b_fluoranthene	pm10	-	-	-	-	-	0.005	0.005	0.005	-	-	-	-	-
ES0007R	benzo_b_fluoranthene	pm10	-	-	-	-	-	-	-	0.005	0.005	0.005	-	-	-
ES0008R	benzo_b_fluoranthene	pm10	0.005	0.011	0.022	0.012	0.014	0.01	0.005	0.005	0.005	0.005	0.007	-	0.01
ES0014R	benzo_b_fluoranthene	pm10	-	-	-	-	-	-	-	-	-	0.005	0.005	0.005	0.005
PL0005R	benzo_b_fluoranthene	pm10	4.429	1.431	1.142	0.573	0.122	0.065	0.053	0.062	0.105	-	-	-	0.898
NO0001R	benzo_b_fluorene	air+aerosol	0.017	0.012	0.012	0.012	0.01	0.01	0.008	0.01	0.01	-	-	-	0.011
NO0002R	benzo_b_fluorene	air+aerosol	-	-	-	-	-	-	0.008	0.01	0.01	0.012	0.037	0.027	-
NO0042G	benzo_b_fluorene	air+aerosol	0.005	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002
NO0090R	benzo_b_fluorene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.016	0.014	-
DE0003R	benzo_bjk_fluoranthenes	air+aerosol	0.396	0.185	0.139	0.115	0.037	0.028	0.013	0.016	0.115	0.244	0.112	0.663	0.173
DE0008R	benzo_bjk_fluoranthenes	air+aerosol	1.51	1.08	0.14	0.2	0.07	0.04	0.03	0.03	0.12	0.22	0.31	0.64	0.362
NO0001R	benzo_bjk_fluoranthenes	air+aerosol	0.131	0.135	0.085	0.052	0.047	0.018	0.034	0.018	0.016	-	-	-	0.063

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
NO0002R	benzo_bjk_fluoranthenes	air+aerosol	-	-	-	-	-	-	0.037	0.02	0.021	0.044	0.327	0.311	-
NO0042G	benzo_bjk_fluoranthenes	air+aerosol	0.073	0.05	0.015	0.003	0.001	0.001	0.002	0.001	0.001	0.002	0.006	0.024	0.013
NO0090R	benzo_bjk_fluoranthenes	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.024	0.038	-
NL0009R	benzo_bjk_fluoranthenes	pm10	0.312	0.053	0.054	0.054	0.01	0.007	0.009	0.012	0.015	0.09	0.07	0.312	0.079
NO0001R	benzo_e_pyrene	air+aerosol	0.058	0.059	0.058	0.022	0.03	0.012	0.013	0.012	0.019	-	-	-	0.033
NO0002R	benzo_e_pyrene	air+aerosol	-	-	-	-	-	-	0.017	0.012	0.017	0.021	0.126	0.111	0.053
NO0042G	benzo_e_pyrene	air+aerosol	0.027	0.022	0.005	0.04	0.009	0.001	0.001	0.001	0.001	0.001	0.002	0.01	0.009
NO0090R	benzo_e_pyrene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.014	0.015	-
NO0001R	benzo_ghi_fluoranthene	air+aerosol	0.029	0.034	0.018	0.016	0.01	0.01	0.01	0.01	0.01	-	-	-	0.017
NO0002R	benzo_ghi_fluoranthene	air+aerosol	-	-	-	-	-	-	0.01	0.01	0.01	0.014	0.054	0.061	0.028
NO0042G	benzo_ghi_fluoranthene	air+aerosol	0.015	0.009	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.003
NO0090R	benzo_ghi_fluoranthene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.003	0.006	-
BE0013R	benzo_ghi_perylene	air+aerosol	1.4	0.6	0.3	0.3	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.4	0.32
CY0002R	benzo_ghi_perylene	pm10	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	-	0.1	0.1	0.1	0.055
CZ0003R	benzo_ghi_perylene	air+aerosol	2.025	0.455	0.144	0.024	0.007	0.006	0.003	0.005	0.006	0.003	0.003	0.142	0.237
DE0001R	benzo_ghi_perylene	air+aerosol	0.163	0.403	0.079	0.122	0.115	0.021	0.01	0.009	0.025	0.198	0.181	0.248	0.129
DE0003R	benzo_ghi_perylene	air+aerosol	0.195	0.078	0.066	0.054	0.015	0.015	0.007	0.009	0.043	0.096	0.044	0.196	0.068
DE0008R	benzo_ghi_perylene	air+aerosol	0.652	0.46	0.066	0.085	0.03	0.018	0.014	0.014	0.054	0.092	0.115	0.227	0.151
DE0009R	benzo_ghi_perylene	air+aerosol	0.631	0.508	0.075	0.173	0.055	0.017	0.012	0.036	0.033	0.337	0.4	0.536	0.233
ES0001R	benzo_ghi_perylene	pm10	-	-	-	-	-	0.01	0.01	0.01	-	-	-	-	-
ES0007R	benzo_ghi_perylene	pm10	-	-	-	-	-	-	-	0.01	0.01	0.01	-	-	-
ES0008R	benzo_ghi_perylene	pm10	0.01	0.014	0.019	0.013	0.014	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.012
ES0014R	benzo_ghi_perylene	pm10	-	-	-	-	-	-	-	-	-	0.01	0.01	0.01	-
NL0009R	benzo_ghi_perylene	air+aerosol	0.333	0.134	0.058	0.107	0.011	0.008	0.01	0.016	0.018	0.116	0.105	0.341	0.101
NO0001R	benzo_ghi_perylene	air+aerosol	0.05	0.055	0.047	0.026	0.024	0.022	0.024	0.021	0.02	-	-	-	0.033
NO0002R	benzo_ghi_perylene	air+aerosol	-	-	-	-	-	-	0.024	0.021	0.02	0.03	0.107	0.112	0.055
NO0042G	benzo_ghi_perylene	air+aerosol	0.022	0.015	0.005	0.005	0.002	0.001	0.001	0.002	0.001	0.001	0.002	0.009	0.005
NO0090R	benzo_ghi_perylene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.004	0.015	-
AT0002R	benzo_k_fluoranthene	pm10	2.3	1.0	0.5	0.3	0.1	0.0	0.0	0.0	0.1	0.5	0.6	1.3	0.549
CY0002R	benzo_k_fluoranthene	pm10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.017
CZ0003R	benzo_k_fluoranthene	air+aerosol	1.037	0.323	0.053	0.019	0.005	0.005	0.004	0.003	0.005	0.151	0.17	0.418	0.191
ES0001R	benzo_k_fluoranthene	pm10	-	-	-	-	-	0.003	0.003	0.003	-	-	-	-	-
ES0007R	benzo_k_fluoranthene	pm10	-	-	-	-	-	-	-	0.003	0.003	0.003	-	-	-
ES0008R	benzo_k_fluoranthene	pm10	0.006	0.005	0.006	0.007	0.004	0.004	0.003	0.003	0.003	0.003	0.003	-	0.004
ES0014R	benzo_k_fluoranthene	pm10	-	-	-	-	-	-	-	-	-	0.73	0.458	0.003	-
PL0005R	benzo_k_fluoranthene	pm10	1.915	0.702	0.465	0.217	0.043	0.029	0.021	0.027	0.042	-	-	-	0.389
NO0001R	biphenyl	air+aerosol	1.086	1.892	1.151	0.535	0.188	0.179	0.089	0.092	0.105	-	-	-	0.632
NO0002R	biphenyl	air+aerosol	-	-	-	-	-	-	0.046	0.028	0.029	0.176	1.287	0.927	0.435
NO0042G	biphenyl	air+aerosol	1.922	3.898	1.474	0.155	0.027	0.016	0.017	0.023	0.05	0.198	0.522	0.864	0.663
NO0090R	biphenyl	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.263	0.293	-
ES0001R	chrysene	pm10	-	-	-	-	-	0.005	0.005	0.005	-	-	-	-	-
ES0007R	chrysene	pm10	-	-	-	-	-	-	-	0.005	0.005	0.005	-	-	-
ES0008R	chrysene	pm10	0.005	0.009	0.012	0.008	0.008	0.006	0.005	0.005	0.005	0.005	0.005	-	0.007
NL0009R	chrysene	air+aerosol	0.346	0.117	0.053	0.056	0.009	0.004	0.008	0.013	0.019	0.089	0.076	0.332	0.09
BE0013R	chrysene_triphenylene	air+aerosol	2.2	1.1	0.5	0.2	0.2	0.1	0.0	0.1	0.0	0.3	0.2	0.9	0.456
DE0003R	chrysene_triphenylene	air+aerosol	0.21	0.103	0.075	0.067	0.029	0.025	0.01	0.017	0.072	0.113	0.051	0.334	0.093
DE0008R	chrysene_triphenylene	air+aerosol	0.984	0.699	0.091	0.113	0.048	0.034	0.02	0.021	0.076	0.112	0.152	0.375	0.225

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
NO0001R	chrysene_triphenylene	air+aerosol	0.091	0.093	0.082	0.037	0.046	0.014	0.024	0.017	0.052	-	-	-	0.05
NO0002R	chrysene_triphenylene	air+aerosol	-	-	-	-	-	-	0.023	0.014	0.022	0.029	0.183	0.162	0.076
NO0042G	chrysene_triphenylene	air+aerosol	0.047	0.033	0.008	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.017	0.009
NO0090R	chrysene_triphenylene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.106	0.096	0.099
NO0001R	coronene	air+aerosol	0.023	0.031	0.024	0.024	0.02	0.02	0.02	0.02	0.02	-	-	-	0.023
NO0002R	coronene	air+aerosol	-	-	-	-	-	-	0.02	0.02	0.02	0.023	0.077	0.053	-
NO0042G	coronene	air+aerosol	0.013	0.007	0.002	0.004	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.003
NO0090R	coronene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.003	0.003	-
NO0001R	cyclopenta_cd_pyrene	air+aerosol	0.013	0.018	0.01	0.01	0.01	0.01	0.033	0.01	0.01	-	-	-	0.014
NO0002R	cyclopenta_cd_pyrene	air+aerosol	-	-	-	-	-	-	0.01	0.01	0.01	0.01	0.045	0.028	0.019
NO0042G	cyclopenta_cd_pyrene	air+aerosol	0.008	0.003	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002
NO0090R	cyclopenta_cd_pyrene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.003	0.002	-
NO0001R	dibenzo_ac_ah_anthracenes	air+aerosol	0.02	0.02	0.02	0.02	0.02	0.02	0.019	0.019	0.02	-	-	-	0.02
NO0002R	dibenzo_ac_ah_anthracenes	air+aerosol	-	-	-	-	-	-	0.019	0.018	0.019	0.019	0.026	0.026	-
NO0042G	dibenzo_ac_ah_anthracenes	air+aerosol	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001
NO0090R	dibenzo_ac_ah_anthracenes	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.002	0.002	-
NO0001R	dibenzo_ae_pyrene	air+aerosol	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	-	-	-	0.02
NO0002R	dibenzo_ae_pyrene	air+aerosol	-	-	-	-	-	-	0.02	0.02	0.02	0.02	0.035	0.022	0.023
NO0042G	dibenzo_ae_pyrene	air+aerosol	0.004	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
NO0090R	dibenzo_ae_pyrene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.002	0.002	-
AT0002R	dibenzo_ah_anthracene	pm10	0.4	0.1	0.4	0.2	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.148
DE0001R	dibenzo_ah_anthracene	air+aerosol	0.029	0.061	0.013	0.021	0.02	0.002	0.001	0.001	0.003	0.031	0.029	0.041	0.021
DE0003R	dibenzo_ah_anthracene	air+aerosol	0.026	0.012	0.009	0.007	0.001	0.001	0.001	0.001	0.007	0.012	0.005	0.036	0.01
DE0008R	dibenzo_ah_anthracene	air+aerosol	0.1	0.066	0.01	0.014	0.004	0.002	0.001	0.001	0.008	0.013	0.015	0.041	0.023
DE0009R	dibenzo_ah_anthracene	air+aerosol	0.075	0.067	0.012	0.031	0.008	0.002	0.001	0.005	0.004	0.06	0.074	0.099	0.036
ES0001R	dibenzo_ah_anthracene	pm10	-	-	-	-	-	0.015	0.015	0.015	-	-	-	-	-
ES0007R	dibenzo_ah_anthracene	pm10	-	-	-	-	-	-	-	0.015	0.015	0.015	-	-	-
ES0008R	dibenzo_ah_anthracene	pm10	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	-	0.015
ES0014R	dibenzo_ah_anthracene	pm10	-	-	-	-	-	-	-	-	-	0.015	0.015	0.015	-
NL0009R	dibenzo_ah_anthracene	pm10	0.045	0.018	0.008	0.01	0.001	0.001	0.001	0.002	0.003	0.016	0.015	0.046	0.013
PL0005R	dibenzo_ah_anthracene	pm10	0.552	0.349	0.187	0.046	0.017	0.013	0.015	0.015	0.043	-	-	-	0.138
SI0008R	dibenzo_ah_anthracene	pm10	0.158	0.113	0.032	0.05	0.015	0.016	0.013	0.048	0.046	0.068	0.063	0.115	0.063
NO0001R	dibenzo_ah_pyrene	air+aerosol	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	-	-	-	0.02
NO0002R	dibenzo_ah_pyrene	air+aerosol	-	-	-	-	-	-	0.02	0.02	0.02	0.02	0.02	0.02	0.02
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	0.001	0.001	0.001
NO0090R	dibenzo_ah_pyrene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.002	0.002	-
NO0001R	dibenzo_ai_pyrene	air+aerosol	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	-	-	-	0.02
NO0002R	dibenzo_ai_pyrene	air+aerosol	-	-	-	-	-	-	0.02	0.02	0.02	0.02	0.02	0.024	-
NO0042G	dibenzo_ai_pyrene	air+aerosol	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.001
NO0090R	dibenzo_ai_pyrene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.003	0.003	-
NO0001R	dibenzofuran	air+aerosol	2.407	2.521	1.611	1.611	0.671	0.606	0.48	0.393	0.571	-	-	-	1.256
NO0002R	dibenzofuran	air+aerosol	-	-	-	-	-	-	0.266	0.139	0.162	0.623	2.758	2.148	1.057
NO0042G	dibenzofuran	air+aerosol	2.142	2.755	1.649	0.321	0.064	0.022	0.037	0.043	0.109	0.222	0.758	1.114	0.705
NO0090R	dibenzofuran	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.655	1.002	-
NO0001R	dibenzothiophene	air+aerosol	0.063	0.045	0.076	0.044	0.054	0.048	0.051	0.033	0.064	-	-	-	0.053
NO0002R	dibenzothiophene	air+aerosol	-	-	-	-	-	-	0.032	0.023	0.034	0.028	0.097	0.045	0.043
NO0042G	dibenzothiophene	air+aerosol	0.033	0.028	0.011	0.001	0.002	0.001	0.003	0.003	0.003	0.003	0.011	0.018	0.009
NO0090R	dibenzothiophene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.07	0.064	-

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
DE0001R	dieldrin	air+aerosol	1.257	1.169	2.211	2.348	3.34	2.29	3.867	4.679	2.518	1.848	3.874	1.817	2.612
DE0003R	dieldrin	air+aerosol	0.76	1.3	1.9	2.3	4	3	2.8	4.7	2.7	2.7	1.5	1.1	2.406
DE0008R	dieldrin	air+aerosol	0.72	1.33	1.58	2.2	3.26	3.05	3.3	2.78	2.78	2.26	2.04	0.92	2.188
DE0009R	dieldrin	air+aerosol	0.992	0.856	1.405	1.756	3.208	2.539	3.15	2.692	2.7	1.592	2.06	0.971	2.00
DK0010G	dieldrin	air	0.69	0.28	-	-	-	-	-	16.97	2.59	2.82	0.52	-	-
IS0091R	dieldrin	air+aerosol	0.61	0.659	0.57	0.921	1.149	0.636	0.963	0.697	0.573	0.706	0.641	0.63	0.731
DE0001R	endrin	air+aerosol	0.07	0.048	0.088	0.123	0.085	0.069	0.164	0.4	0.231	0.308	0.124	0.063	0.149
DE0003R	endrin	air+aerosol	0.048	0.067	0.078	0.054	0.254	0.155	0.225	0.513	0.312	0.121	0.392	0.288	0.21
DE0008R	endrin	air+aerosol	0.05	0.17	0.07	0.12	0.11	0.09	0.06	0.41	0.33	0.1	0.06	0.05	0.135
DE0009R	endrin	air+aerosol	0.094	0.049	0.103	0.109	0.155	0.111	0.065	0.414	1.027	0.052	0.063	0.067	0.192
BE0013R	fluoranthene	air+aerosol	6.8	3.7	3.2	0.2	0.2	0.2	0.1	0.2	0.3	0.2	0.2	0.7	1.045
CY0002R	fluoranthene	pml0	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	-	0.0	0.2	0.2	0.076
CZ0003R	fluoranthene	air+aerosol	6.837	1.838	0.645	0.228	0.15	0.133	0.101	0.096	0.327	1.887	2.328	7.215	1.962
DE0001R	fluoranthene	air+aerosol	0.724	1.926	0.593	1.292	0.871	0.512	0.213	0.534	0.423	0.858	0.878	1.209	0.827
DE0003R	fluoranthene	air+aerosol	0.57	0.44	0.36	0.31	0.26	0.26	0.16	0.24	0.29	0.37	0.34	1.07	0.39
DE0008R	fluoranthene	air+aerosol	2.31	2.85	0.51	0.37	0.33	0.25	0.21	0.16	0.31	0.5	0.65	0.99	0.774
DE0009R	fluoranthene	air+aerosol	1.978	2.079	0.543	0.646	0.429	0.289	0.154	0.433	0.25	1.111	1.384	1.875	0.924
NO0001R	fluoranthene	air+aerosol	0.34	0.3	0.195	0.157	0.092	0.089	0.133	0.053	0.098	-	-	-	0.166
NO0002R	fluoranthene	air+aerosol	-	-	-	-	-	-	0.059	0.043	0.061	0.11	0.565	0.465	-
NO0042G	fluoranthene	air+aerosol	0.142	0.088	0.032	0.01	0.006	0.004	0.006	0.006	0.006	0.005	0.021	0.066	0.03
NO0090R	fluoranthene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.072	0.104	-
CZ0003R	fluorene	air+aerosol	8.557	2.962	0.976	0.316	0.183	0.134	0.084	0.125	0.414	2.494	3.633	16.448	3.363
ES0001R	fluorene	pml0	-	-	-	-	-	0.001	0.001	0.001	-	-	-	-	-
ES0007R	fluorene	pml0	-	-	-	-	-	-	-	0.002	0.002	0.002	-	-	-
ES0008R	fluorene	pml0	0.001	0.002	0.002	0.01	0.001	0.002	0.002	0.001	0.001	0.001	0.001	-	0.002
ES0014R	fluorene	pml0	-	-	-	-	-	-	-	-	-	0.002	0.002	0.002	-
NO0001R	fluorene	air+aerosol	1.505	1.243	1.131	0.7	0.454	0.493	0.446	0.312	0.435	-	-	-	0.774
NO0002R	fluorene	air+aerosol	-	-	-	-	-	-	0.239	0.131	0.136	0.422	1.88	1.297	-
NO0042G	fluorene	air+aerosol	0.976	0.819	0.287	0.018	0.02	0.009	0.014	0.018	0.036	0.058	0.335	0.497	0.237
NO0090R	fluorene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.374	0.598	-
BE0013R	pyrene	air+aerosol	2.8	0.7	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.6	0.39
CZ0003R	pyrene	air+aerosol	4.379	1.39	0.33	0.128	0.071	0.071	0.049	0.054	0.195	1.182	1.398	3.892	1.174
DE0001R	pyrene	air+aerosol	0.343	1.262	0.348	0.641	0.592	0.226	0.099	0.18	0.2	0.505	0.495	0.773	0.466
DE0003R	pyrene	air+aerosol	0.35	0.2	0.19	0.17	0.14	0.13	0.1	0.16	0.18	0.24	0.2	0.65	0.227
DE0008R	pyrene	air+aerosol	1.33	1.51	0.27	0.21	0.17	0.14	0.12	0.08	0.2	0.34	0.4	0.62	0.443
DE0009R	pyrene	air+aerosol	1.31	1.16	0.32	0.42	0.25	0.16	0.1	0.29	0.17	0.86	0.9	1.28	0.599
ES0001R	pyrene	pml0	-	-	-	-	-	0.003	0.003	0.003	-	-	-	-	-
ES0007R	pyrene	pml0	-	-	-	-	-	-	-	0.003	0.003	0.003	-	-	-
ES0008R	pyrene	pml0	0.003	0.006	0.01	0.016	0.006	0.005	0.003	0.002	0.002	0.002	0.005	-	0.006
ES0014R	pyrene	pml0	-	-	-	-	-	-	-	-	-	1.27	0.003	0.003	-
NO0001R	pyrene	air+aerosol	0.184	0.172	0.123	0.089	0.066	0.047	0.07	0.027	0.072	-	-	-	0.096
NO0002R	pyrene	air+aerosol	-	-	-	-	-	-	0.032	0.025	0.036	0.066	0.349	0.287	-
NO0042G	pyrene	air+aerosol	0.079	0.051	0.016	0.009	0.004	0.002	0.004	0.005	0.004	0.002	0.007	0.032	0.016
NO0090R	pyrene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.086	0.078	-
NO0001R	retene	air+aerosol	0.11	0.179	0.063	0.077	0.035	0.028	0.05	0.022	0.029	-	-	-	0.068
NO0002R	retene	air+aerosol	-	-	-	-	-	-	0.047	0.018	0.04	0.056	0.108	0.167	-
NO0042G	retene	air+aerosol	0.014	0.004	0.003	0.006	0.003	0.001	0.003	0.003	0.003	0.002	0.004	0.007	0.004
NO0090R	retene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.011	0.01	-

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
NO0001R	perylene	air+aerosol	0.011	0.012	0.011	0.01	0.005	0.007	0.006	0.009	0.01	-	-	-	0.009
NO0002R	perylene	air+aerosol	-	-	-	-	-	-	0.005	0.008	0.01	0.009	0.024	0.018	0.013
NO0042G	perylene	air+aerosol	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001
NO0090R	perylene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.001	0.001	-
CZ0003R	phenanthrene	air+aerosol	15.082	4.856	2.159	0.728	0.61	0.491	0.38	0.413	1.103	6.614	10.497	35.537	7.267
DE0001R	phenanthrene	air+aerosol	2.33	4.61	1.69	5.67	4.16	2.67	1.07	2.86	2.24	3.16	3.11	3.72	3.091
DE0003R	phenanthrene	air+aerosol	1.8	1.6	1.2	0.9	1.7	1.6	1	1.5	1.6	1.8	1.8	5.1	1.805
DE0008R	phenanthrene	air+aerosol	7.5	8.7	2.6	0.82	2.2	1.7	1.7	1.1	2.1	3.7	5	3.9	3.385
DE0009R	phenanthrene	air+aerosol	5.53	5.79	1.6	1.41	3.17	1.87	1	2.43	1.68	4.6	4.49	4.7	3.176
ES0001R	phenanthrene	pml0	-	-	-	-	-	0.003	0.003	0.003	-	-	-	-	-
ES0007R	phenanthrene	pml0	-	-	-	-	-	-	-	0.003	0.003	0.003	-	-	-
ES0008R	phenanthrene	pml0	0.003	0.004	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.004	-	0.003
ES0014R	phenanthrene	pml0	-	-	-	-	-	-	-	-	-	0.07	0.003	0.003	-
NO0001R	phenanthrene	air+aerosol	1.269	1.023	0.892	0.737	0.571	0.539	0.715	0.377	0.537	-	-	-	0.756
NO0002R	phenanthrene	air+aerosol	-	-	-	-	-	-	0.39	0.272	0.348	0.479	1.615	1.368	-
NO0042G	phenanthrene	air+aerosol	0.196	0.155	0.064	0.013	0.015	0.012	0.019	0.025	0.023	0.018	0.043	0.11	0.054
NO0090R	phenanthrene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.791	0.72	-
DE0001R	heptachlor	air+aerosol	0.112	0.093	0.101	0.194	0.071	0.069	0.05	0.114	0.137	0.132	0.209	0.175	0.121
DE0003R	heptachlor	air+aerosol	0.104	0.103	0.11	0.123	0.047	0.048	0.05	0.177	0.351	0.116	0.113	0.117	0.121
DE0008R	heptachlor	air+aerosol	0.067	0.132	0.104	0.127	0.113	0.075	0.094	0.121	0.305	0.127	0.188	0.079	0.127
DE0009R	heptachlor	air+aerosol	0.109	0.069	0.112	0.104	0.142	0.084	0.042	0.115	0.142	0.068	-	-	0.099
DK0010G	heptachlor	air	0.01	0.06	-	-	-	-	-	0.61	0.04	0.07	0	-	-
DK0010G	heptachlorepoxyde	air	0.49	0.16	-	-	-	-	-	0.76	0.86	1.34	0.07	-	-
AT0002R	inden_123cd_pyrene	pml0	1.9	0.9	0.5	0.4	0.1	0.0	0.0	0.0	0.2	0.5	1.1	1.5	0.592
BE0013R	inden_123cd_pyrene	air+aerosol	2.2	1.1	0.3	0.3	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.5	0.375
CY0002R	inden_123cd_pyrene	pml0	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.1	-	0.1	0.2	0.1	0.097
CZ0003R	inden_123cd_pyrene	air+aerosol	2.337	0.571	0.131	0.021	0.007	0.01	0.003	0.004	0.005	0.003	0.003	0.152	0.273
DE0001R	inden_123cd_pyrene	air+aerosol	0.167	0.472	0.086	0.137	0.129	0.018	0.01	0.009	0.022	0.164	0.132	0.21	0.127
DE0003R	inden_123cd_pyrene	air+aerosol	0.215	0.088	0.069	0.058	0.017	0.013	0.007	0.009	0.044	0.072	0.035	0.182	0.068
DE0008R	inden_123cd_pyrene	air+aerosol	0.738	0.512	0.07	0.099	0.032	0.017	0.014	0.015	0.05	0.07	0.098	0.206	0.158
DE0009R	inden_123cd_pyrene	air+aerosol	0.642	0.566	0.084	0.209	0.056	0.019	0.011	0.034	0.031	0.292	0.319	0.461	0.225
ES0001R	inden_123cd_pyrene	pml0	-	-	-	-	-	0.013	0.013	0.013	-	-	-	-	-
ES0007R	inden_123cd_pyrene	pml0	-	-	-	-	-	-	-	0.013	0.013	0.013	-	-	-
ES0008R	inden_123cd_pyrene	pml0	0.013	0.013	0.019	0.013	0.015	0.013	0.013	0.013	0.013	0.013	0.013	-	0.013
ES0014R	inden_123cd_pyrene	pml0	-	-	-	-	-	-	-	-	-	0.013	0.013	0.013	-
NL0009R	inden_123cd_pyrene	pml0	0.319	0.072	0.058	0.08	0.01	0.006	0.009	0.013	0.019	0.112	0.095	0.335	0.089
NO0001R	inden_123cd_pyrene	air+aerosol	0.045	0.062	0.035	0.024	0.02	0.02	0.02	0.019	0.02	-	-	-	0.03
NO0002R	inden_123cd_pyrene	air+aerosol	-	-	-	-	-	-	0.02	0.02	0.02	0.027	0.135	0.13	0.062
NO0042G	inden_123cd_pyrene	air+aerosol	0.027	0.017	0.004	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.006	0.005
NO0090R	inden_123cd_pyrene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.002	0.001	0.001
PL0005R	inden_123cd_pyrene	pml0	3.319	1.288	0.814	0.392	0.114	0.098	0.073	0.085	0.141	-	-	-	0.711
SI0008R	inden_123cd_pyrene	pml0	1.611	0.789	0.256	0.188	0.084	0.033	0.043	0.016	0.112	0.303	0.449	0.91	0.424
NO0001R	Nlmethylnaphtalene	air+aerosol	0.376	0.448	0.345	0.175	0.109	0.104	0.061	0.075	0.074	-	-	-	0.207
NO0002R	Nlmethylnaphtalene	air+aerosol	-	-	-	-	-	-	0.043	0.028	0.016	0.064	0.371	0.338	-
NO0042G	Nlmethylnaphtalene	air+aerosol	0.822	0.657	0.157	0.019	0.022	0.036	0.043	0.051	0.03	0.045	0.102	0.284	0.169
NO0090R	Nlmethylnaphtalene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.064	0.06	-

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
NO0001R	N1methylphenanthrene	air+aerosol	0.073	0.069	0.053	0.04	0.03	0.019	0.027	0.017	0.025	-	-	-	0.04
NO0002R	N1methylphenanthrene	air+aerosol	-	-	-	-	-	-	0.018	0.015	0.02	0.027	0.098	0.099	0.048
NO0042G	N1methylphenanthrene	air+aerosol	0.012	0.007	0.003	0.003	0.002	0.001	0.003	0.004	0.003	0.002	0.003	0.006	0.004
NO0090R	N1methylphenanthrene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.051	0.046	-
NO0001R	N2methylantracene	air+aerosol	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-
NO0002R	N2methylantracene	air+aerosol	-	-	-	-	-	-	0.015	0.013	0.01	0.01	0.017	0.015	0.013
NO0042G	N2methylantracene	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
NO0090R	N2methylantracene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.002	0.002	-
NO0001R	N2methylnaphtalene	air+aerosol	0.541	0.617	0.56	0.28	0.198	0.186	0.1	0.125	0.122	-	-	-	0.32
NO0002R	N2methylnaphtalene	air+aerosol	-	-	-	-	-	-	0.083	0.053	0.028	0.103	0.54	0.464	-
NO0042G	N2methylnaphtalene	air+aerosol	0.854	0.699	0.218	0.038	0.046	0.084	0.079	0.106	0.063	0.087	0.158	0.337	0.212
NO0090R	N2methylnaphtalene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.12	0.109	-
NO0001R	N2methylphenanthrene	air+aerosol	0.109	0.088	0.097	0.053	0.062	0.037	0.047	0.026	0.05	-	-	-	0.064
NO0002R	N2methylphenanthrene	air+aerosol	-	-	-	-	-	-	0.028	0.023	0.031	0.032	0.165	0.125	-
NO0042G	N2methylphenanthrene	air+aerosol	0.017	0.011	0.005	0.003	0.004	0.002	0.005	0.007	0.005	0.003	0.009	0.013	0.007
NO0090R	N2methylphenanthrene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.169	0.154	-
NO0001R	N3methylphenanthrene	air+aerosol	0.081	0.06	0.073	0.043	0.05	0.031	0.04	0.022	0.043	-	-	-	0.05
NO0002R	N3methylphenanthrene	air+aerosol	-	-	-	-	-	-	0.026	0.023	0.026	0.026	0.125	0.091	-
NO0042G	N3methylphenanthrene	air+aerosol	0.013	0.008	0.003	0.003	0.003	0.002	0.004	0.006	0.004	0.003	0.004	0.006	0.005
NO0090R	N3methylphenanthrene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.134	0.122	-
NO0001R	N9methylphenanthrene	air+aerosol	0.051	0.037	0.038	0.031	0.029	0.023	0.027	0.022	0.028	-	-	-	0.032
NO0002R	N9methylphenanthrene	air+aerosol	-	-	-	-	-	-	0.017	0.057	0.016	0.018	0.069	0.058	0.04
NO0042G	N9methylphenanthrene	air+aerosol	0.01	0.006	0.002	0.003	0.003	0.002	0.004	0.005	0.004	0.003	0.003	0.004	0.004
NO0090R	N9methylphenanthrene	air+aerosol	-	-	-	-	-	-	-	-	-	-	0.039	0.035	-
CZ0003R	PCB_101	air+aerosol	0.50	3.23	2.55	2.05	4.23	4.68	5.02	4.73	4.60	1.93	1.05	1.68	3.081
DE0001R	PCB_101	air+aerosol	1.796	1.807	2.211	2.274	2.135	2.741	2.64	5.789	8.805	2.603	2.593	2.641	3.171
DE0003R	PCB_101	air+aerosol	2.3	2.3	2.4	3.8	2.9	4.6	5.1	11.2	5.6	3.3	2.7	3.4	4.148
DE0008R	PCB_101	air+aerosol	1.8	2.3	2.3	2.8	3.1	3.1	2.9	4.1	3.8	3.3	2.6	2.7	2.903
DE0009R	PCB_101	air+aerosol	1.82	1.83	2.45	2.26	2.67	2.37	2.53	4.85	57.69	2.67	2.67	2.74	7.156
FI0096G	PCB_101	air+aerosol	0.28	0.28	0.315	0.329	0.52	0.49	0.675	0.899	0.535	0.31	0.424	0.37	0.467
IS0091R	PCB_101	air+aerosol	1.005	0.984	0.988	1.487	1.981	2.929	4.107	3.449	2.133	1.517	1.351	1.115	1.932
NO0001R	PCB_101	air+aerosol	0.6	0.484	0.875	0.71	0.498	0.715	0.804	0.853	1.113	-	-	-	0.705
NO0002R	PCB_101	air+aerosol	-	-	-	-	-	-	0.482	0.594	0.557	0.31	0.604	0.373	0.48
NO0042G	PCB_101	air+aerosol	0.523	0.337	0.389	0.356	0.283	0.249	0.327	0.331	0.29	0.275	0.435	0.366	0.343
NO0058G	PCB_101	air+aerosol	0.028	0.021	0.044	0.018	0.037	0.022	0.018	0.017	0.016	0.02	0.024	0.022	0.024
NO0090R	PCB_101	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	1.135	-
SE0012R	PCB_101	air+aerosol	-	0.41	0.464	0.857	1.1	1.367	2.187	1.597	1.413	0.63	0.913	0.43	1.04
SE0014R	PCB_101	air+aerosol	-	0.71	0.904	1.267	1.7	3.62	3.771	3.077	2.29	1.3	1.66	0.91	1.936
IS0091R	PCB_105	air+aerosol	0.051	0.057	0.053	0.055	0.054	0.055	0.053	0.054	0.055	0.052	0.054	0.052	0.054
NO0042G	PCB_105	air+aerosol	0.049	0.029	0.037	0.033	0.022	0.015	0.025	0.041	0.021	0.026	0.039	0.033	0.031
NO0058G	PCB_105	air+aerosol	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
NO0090R	PCB_105	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	0.135	-
NO0042G	PCB_114	air+aerosol	0.01	0.012	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NO0058G	PCB_114	air+aerosol	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
NO0090R	PCB_114	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	0.014	-
CZ0003R	PCB_118	air+aerosol	0.5	0.5	0.625	1	0.5	0.625	1.38	1.25	1.38	0.5	0.5	0.74	0.813

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
DE0001R	PCB_118	air+aerosol	0.772	0.777	0.864	0.857	0.98	0.975	1.212	1.219	6.762	1.167	1.162	1.184	1.49
DE0003R	PCB_118	air+aerosol	0.89	0.88	0.94	0.99	1.11	1.1	1.1	2.35	0.94	1.5	1.21	1.52	1.215
DE0008R	PCB_118	air+aerosol	0.79	0.99	0.88	1.09	1	1	0.98	1.02	1.09	1.48	1.18	1.1	1.05
DE0009R	PCB_118	air+aerosol	0.785	0.789	0.958	0.884	1.01	1.006	0.999	1.426	47.499	1.197	1.089	1.116	4.844
FI0096G	PCB_118	air+aerosol	0.1	0.1	0.145	0.135	0.17	0.138	0.133	0.252	0.288	0.18	0.226	0.15	0.173
GB0014R	PCB_118	air+aerosol	-	-	-	0.788	0.788	0.788	9.2	9.2	9.2	0.389	0.389	0.389	3.469
IS0091R	PCB_118	air+aerosol	0.051	0.057	0.053	0.146	0.218	0.348	0.505	0.579	0.347	0.165	0.258	0.167	0.243
NO0001R	PCB_118	air+aerosol	0.17	0.136	0.229	0.187	0.135	0.194	0.22	0.217	0.256	-	-	-	0.188
NO0002R	PCB_118	air+aerosol	-	-	-	-	-	-	0.138	0.157	0.143	0.089	0.187	0.093	-
NO0042G	PCB_118	air+aerosol	0.16	0.098	0.125	0.111	0.07	0.05	0.08	0.111	0.072	0.081	0.128	0.111	0.098
NO0058G	PCB_118	air+aerosol	0.015	0.012	0.017	0.01	0.011	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.011
NO0090R	PCB_118	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	0.475
SE0012R	PCB_118	air+aerosol	-	0.2	0.192	0.482	0.43	0.867	0.925	0.688	0.605	0.38	0.289	0.17	0.478
SE0014R	PCB_118	air+aerosol	-	0.24	0.312	0.527	0.64	1.413	1.535	1.2	1.13	0.5	0.616	0.34	0.772
NO0042G	PCB_122	air+aerosol	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
NO0058G	PCB_122	air+aerosol	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
NO0090R	PCB_122	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	0.01
NO0042G	PCB_123	air+aerosol	0.01	0.01	0.012	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NO0058G	PCB_123	air+aerosol	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
NO0090R	PCB_123	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	0.01
NO0042G	PCB_128	air+aerosol	0.026	0.013	0.018	0.013	0.012	0.01	0.013	0.024	0.011	0.012	0.019	0.015	0.016
NO0058G	PCB_128	air+aerosol	0.01	0.01	0.011	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NO0090R	PCB_128	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	0.187
CZ0003R	PCB_138	air+aerosol	0.875	1	0.625	0.5	0.5	1.15	1.44	1.55	1.1	0.75	0.5	0.5	0.906
CZ0003R	PCB_138	air+aerosol	0.875	1	0.625	0.5	0.5	1.15	1.44	1.55	1.1	0.75	0.5	0.5	0.906
DE0001R	PCB_138	air+aerosol	2.95	2.96	3.1	3.08	2.78	2.77	3.44	4.75	6.13	5.18	5.16	5.26	3.968
DE0003R	PCB_138	air+aerosol	3.2	3.2	3.4	3	4.2	3.4	3.4	5.6	3.2	6.7	5.4	6.8	4.307
DE0008R	PCB_138	air+aerosol	3	3.8	3.2	3.9	2.8	2.8	2.8	4.1	3.1	6.6	5.2	5.1	3.869
DE0009R	PCB_138	air+aerosol	2.99	3.01	3.44	3.18	2.87	2.86	2.84	4.16	43.68	5.32	5.01	5.14	7.001
FI0096G	PCB_138	air+aerosol	0.094	0.11	0.11	0.118	0.17	0.125	0.082	0.248	0.191	0.11	0.139	0.13	0.139
GB0014R	PCB_138	air+aerosol	0.226	0.226	0.226	0.478	0.478	0.478	9.16	9.16	9.16	-	-	-	3.317
IS0091R	PCB_138	air+aerosol	0.051	0.057	0.053	0.095	0.054	0.055	0.303	0.155	0.055	0.052	0.054	0.052	0.087
NO0001R	PCB_138	air+aerosol	0.217	0.163	0.474	0.275	0.175	0.288	0.317	0.348	0.378	-	-	-	0.284
NO0002R	PCB_138	air+aerosol	-	-	-	-	-	-	0.272	0.217	0.214	0.101	0.207	0.112	-
NO0042G	PCB_138	air+aerosol	0.145	0.073	0.096	0.087	0.071	0.045	0.069	0.111	0.066	0.068	0.122	0.102	0.087
NO0058G	PCB_138	air+aerosol	0.022	0.022	0.039	0.012	0.017	0.01	0.011	0.011	0.01	0.01	0.016	0.019	0.017
NO0090R	PCB_138	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	1.286
SE0012R	PCB_138	air+aerosol	-	0.2	0.217	0.473	0.56	0.773	1.044	0.751	0.729	0.36	0.42	0.19	0.523
SE0014R	PCB_138	air+aerosol	-	0.55	0.624	0.932	1.4	3.68	3.239	2.387	1.91	1.1	1.089	0.76	1.613
NO0042G	PCB_141	air+aerosol	0.034	0.021	0.029	0.022	0.018	0.01	0.019	0.027	0.018	0.016	0.033	0.026	0.023
NO0058G	PCB_141	air+aerosol	0.01	0.011	0.017	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.011
NO0090R	PCB_141	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	0.357
NO0042G	PCB_149	air+aerosol	0.25	0.143	0.193	0.165	0.133	0.093	0.137	0.184	0.141	0.134	0.224	0.186	0.164
NO0058G	PCB_149	air+aerosol	0.023	0.018	0.045	0.014	0.023	0.014	0.012	0.012	0.011	0.014	0.02	0.019	0.019
NO0090R	PCB_149	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	1.355
CZ0003R	PCB_153	air+aerosol	0.875	2.35	1.2	1	2.2	2.525	2.98	1.325	2.88	1.7	0.925	1.7	1.875
DE0001R	PCB_153	air+aerosol	2.98	3	3	2.98	2.98	2.97	3.69	5.28	4.99	5.07	5.05	5.15	3.935
DE0003R	PCB_153	air+aerosol	3.1	3.1	3.3	3.1	4.5	3.6	3.6	6.7	3.1	6.5	5.2	6.6	4.384

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
DE0008R	PCB_153	air+aerosol	3.1	3.8	3.1	3.8	3	3	3	4.3	3	6.4	5.1	5	3.886
DE0009R	PCB_153	air+aerosol	3.03	3.04	3.33	3.07	3.07	3.06	3.04	4.44	31.1	5.2	4.99	5.11	6.014
FI0096G	PCB_153	air+aerosol	0.13	0.14	0.14	0.149	0.21	0.155	0.241	0.298	0.238	0.13	0.156	0.07	0.175
IS0091R	PCB_153	air+aerosol	0.051	0.057	0.159	0.095	0.207	0.348	0.601	0.486	0.204	0.139	0.054	0.13	0.214
NO0001R	PCB_153	air+aerosol	0.357	0.272	0.732	0.438	0.283	0.458	0.501	0.557	0.633	-	-	-	0.454
NO0002R	PCB_153	air+aerosol	-	-	-	-	-	-	0.381	0.351	0.342	0.162	0.342	0.194	-
NO0042G	PCB_153	air+aerosol	0.22	0.125	0.17	0.14	0.109	0.066	0.104	0.137	0.099	0.1	0.192	0.167	0.134
NO0058G	PCB_153	air+aerosol	0.025	0.026	0.053	0.016	0.022	0.013	0.012	0.012	0.011	0.014	0.022	0.023	0.021
NO0090R	PCB_153	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	1.268
SE0012R	PCB_153	air+aerosol	-	0.22	0.256	0.519	0.64	0.908	1.234	0.891	0.87	0.42	0.535	0.23	0.615
SE0014R	PCB_153	air+aerosol	-	0.61	0.725	1.08	1.6	4.073	3.555	2.784	2.19	1.2	1.375	0.86	1.83
IS0091R	PCB_156	air+aerosol	0.051	0.057	0.053	0.055	0.054	0.055	0.053	0.054	0.055	0.052	0.054	0.052	0.054
NO0042G	PCB_156	air+aerosol	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.015	0.01	0.01	0.01	0.01	0.011
NO0058G	PCB_156	air+aerosol	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
NO0090R	PCB_156	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	0.081
NO0042G	PCB_157	air+aerosol	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
NO0058G	PCB_157	air+aerosol	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
NO0090R	PCB_157	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	0.01
NO0042G	PCB_167	air+aerosol	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
NO0058G	PCB_167	air+aerosol	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
NO0090R	PCB_167	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	0.038
NO0042G	PCB_170	air+aerosol	0.014	0.01	0.012	0.01	0.01	0.01	0.011	0.012	0.01	0.01	0.012	0.011	0.011
NO0058G	PCB_170	air+aerosol	0.01	0.011	0.019	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.011
NO0090R	PCB_170	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	0.128
NO0042G	PCB_18	air+aerosol	6.201	2.868	3.368	2.886	3.176	6.41	3.708	2.922	3.255	2.097	2.691	2.005	3.38
NO0058G	PCB_18	air+aerosol	0.199	0.163	0.104	0.024	0.105	0.04	0.042	0.036	0.034	0.031	0.027	0.027	0.071
NO0090R	PCB_18	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	2.774
CZ0003R	PCB_180	air+aerosol	0.5	0.5	0.5	0.5	0.5	0.675	0.96	1.125	0.5	0.5	0.5	0.5	0.615
DE0001R	PCB_180	air+aerosol	0.646	0.651	0.752	0.746	0.613	0.61	0.758	1.25	2.757	1.696	1.69	1.721	1.158
DE0003R	PCB_180	air+aerosol	0.77	0.77	0.82	0.87	0.92	0.69	0.74	1.38	0.8	2.18	-	2.21	1.111
DE0008R	PCB_180	air+aerosol	0.66	0.83	0.77	0.95	0.72	0.62	0.62	1.09	0.79	2.16	1.71	1.81	1.063
DE0009R	PCB_180	air+aerosol	0.715	0.66	0.834	0.769	0.762	0.63	0.625	1.116	20.638	1.74	1.789	1.834	2.656
FI0096G	PCB_180	air+aerosol	0.021	0.033	0.029	0.032	0.039	0.025	0.038	0.051	0.044	0.026	0.03	0.031	0.034
GB0014R	PCB_180	air+aerosol	0.063	0.063	0.063	2.08	2.08	2.08	1.513	1.513	1.513	-	-	-	1.223
IS0091R	PCB_180	air+aerosol	0.051	0.057	0.053	0.095	0.054	0.055	0.053	0.054	0.055	0.052	0.054	0.052	0.057
NO0001R	PCB_180	air+aerosol	0.108	0.08	0.302	0.129	0.072	0.116	0.125	0.138	0.118	-	-	-	0.132
NO0002R	PCB_180	air+aerosol	-	-	-	-	-	-	0.21	0.092	0.077	0.037	0.075	0.044	-
NO0042G	PCB_180	air+aerosol	0.045	0.019	0.031	0.022	0.023	0.012	0.019	0.025	0.016	0.015	0.035	0.027	0.024
NO0058G	PCB_180	air+aerosol	0.013	0.017	0.035	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.013
NO0090R	PCB_180	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	0.38
SE0012R	PCB_180	air+aerosol	-	0.08	0.077	0.173	0.19	0.246	0.309	0.201	0.21	0.12	0.147	0.076	0.167
SE0014R	PCB_180	air+aerosol	-	0.29	0.294	0.374	0.53	1.48	1.145	0.854	0.639	0.45	0.429	0.37	0.625
NO0042G	PCB_183	air+aerosol	0.017	0.01	0.014	0.011	0.01	0.01	0.011	0.012	0.01	0.01	0.015	0.012	0.012
NO0058G	PCB_183	air+aerosol	0.01	0.01	0.012	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NO0090R	PCB_183	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	0.14
NO0042G	PCB_187	air+aerosol	0.049	0.026	0.035	0.029	0.025	0.014	0.021	0.031	0.023	0.019	0.043	0.033	0.029
NO0058G	PCB_187	air+aerosol	0.011	0.011	0.018	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.011
NO0090R	PCB_187	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	0.291

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
NO0042G	PCB_189	air+aerosol	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
NO0058G	PCB_189	air+aerosol	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
NO0090R	PCB_189	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	0.01
NO0042G	PCB_194	air+aerosol	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
NO0058G	PCB_194	air+aerosol	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
NO0090R	PCB_194	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	0.01
NO0042G	PCB_206	air+aerosol	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.011	0.012	0.01	0.01
NO0058G	PCB_206	air+aerosol	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
NO0090R	PCB_206	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	0.01
NO0042G	PCB_209	air+aerosol	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
NO0058G	PCB_209	air+aerosol	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
NO0090R	PCB_209	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	0.01
CZ0003R	PCB_28	air+aerosol	3.15	3.9	3.525	5.7	4.9	9.8	9.1	8.375	8.26	4.975	4.525	12.12	6.802
DE0001R	PCB_28	air+aerosol	3.32	3.342	5.307	5.268	3.587	3.52	4.374	6.011	6.767	2.95	2.939	2.993	4.201
DE0003R	PCB_28	air+aerosol	5.5	5.4	5.8	6	3.3	4.5	3.3	7.7	7.1	3.8	3.1	3.8	4.935
DE0008R	PCB_28	air+aerosol	3.4	4.2	5.4	6.7	3.6	4.7	3.6	6.1	7	3.7	4.2	3.5	4.668
DE0009R	PCB_28	air+aerosol	3.37	3.39	5.89	5.43	4.72	4.36	3.61	6.23	7.3	3.03	3.49	3.58	4.536
FI0096G	PCB_28	air+aerosol	0.72	0.94	0.972	0.87	1	1.12	1.448	1.67	0.769	0.67	1.268	0.97	1.059
IS0091R	PCB_28	air+aerosol	1.984	2.162	2.61	2.595	2.954	3.924	4.293	3.744	2.871	2.192	1.76	1.48	2.721
NO0001R	PCB_28	air+aerosol	1.366	1.265	1.784	1.434	1.049	1.182	1.373	1.162	1.559	-	-	-	-
NO0002R	PCB_28	air+aerosol	-	-	-	-	-	-	0.565	0.865	0.65	0.639	1.187	0.786	0.798
NO0042G	PCB_28	air+aerosol	4.788	1.94	2.169	1.742	2.11	4.663	3.19	2.428	2.413	1.42	1.779	1.312	2.467
NO0058G	PCB_28	air+aerosol	0.079	0.06	0.056	0.021	0.075	0.028	0.028	0.024	0.024	0.023	0.025	0.025	0.04
NO0090R	PCB_28	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	1.475
SE0012R	PCB_28	air+aerosol	-	0.96	1.018	1.313	1.4	1.733	2.135	1.794	1.55	1.1	1.656	0.99	1.427
SE0014R	PCB_28	air+aerosol	-	1	1.303	1.487	1.4	1.72	1.984	1.897	1.75	1.3	2.047	1.3	1.565
IS0091R	PCB_31	air+aerosol	1.323	1.423	1.905	1.594	1.348	2.155	2.133	1.8	1.422	1.154	1.007	0.797	1.506
NO0042G	PCB_31	air+aerosol	4.261	1.789	1.995	1.623	1.99	4.378	2.944	2.235	2.235	1.299	1.614	1.196	2.273
NO0058G	PCB_31	air+aerosol	0.103	0.083	0.065	0.02	0.073	0.028	0.027	0.024	0.024	0.023	0.024	0.023	0.044
NO0090R	PCB_31	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	1.356
NO0042G	PCB_33	air+aerosol	3.614	1.357	1.483	1.184	1.5	3.482	2.37	1.769	1.737	0.997	1.185	0.882	1.776
NO0058G	PCB_33	air+aerosol	0.056	0.045	0.041	0.013	0.052	0.02	0.018	0.016	0.015	0.015	0.018	0.019	0.028
NO0090R	PCB_33	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	0.857
NO0042G	PCB_37	air+aerosol	0.495	0.196	0.182	0.123	0.169	0.4	0.333	0.236	0.219	0.14	0.164	0.131	0.231
NO0058G	PCB_37	air+aerosol	0.011	0.01	0.011	0.01	0.012	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NO0090R	PCB_37	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	0.161
NO0042G	PCB_47	air+aerosol	1.068	0.458	0.449	0.405	0.408	0.686	0.557	0.396	0.437	0.325	0.431	0.362	0.484
NO0058G	PCB_47	air+aerosol	0.134	0.083	0.119	0.035	0.24	0.049	0.042	0.028	0.029	0.035	0.054	0.064	0.078
NO0090R	PCB_47	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	1.594
CZ0003R	PCB_52	air+aerosol	3.1	5.125	3.225	9.75	7.4	6.075	8.58	7.175	8.6	6.375	3.775	4.46	6.027
DE0001R	PCB_52	air+aerosol	1.285	1.11	1.949	2.714	2.305	2.97	2.278	4.756	6.422	1.893	2.505	2.345	2.714
DE0003R	PCB_52	air+aerosol	2	2	2.1	4.4	5	4.9	4.7	8.5	5.7	3	1.3	1.7	3.787
DE0008R	PCB_52	air+aerosol	0.94	2.4	2	2.8	3.6	4.3	3.4	3.9	3.9	2.6	3.2	1.4	2.866
DE0009R	PCB_52	air+aerosol	1.31	1.17	2.16	2	3.86	3.34	2.92	4.63	37.77	1.55	2.22	1.38	5.327
FI0096G	PCB_52	air+aerosol	0.87	0.75	0.943	0.818	1	1.213	1.513	2.063	0.916	0.61	0.92	0.68	1.04
GB0014R	PCB_52	air+aerosol	-	-	-	8.649	8.649	8.649	31.212	31.212	31.212	0.829	0.829	0.829	13.581
IS0091R	PCB_52	air+aerosol	2.089	1.939	2.047	2.642	3.372	4.587	6.788	6.003	4.106	3.267	2.675	2.131	3.49

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NO0001R	PCB_52	air+aerosol	1.179	0.99	1.368	1.284	0.937	1.096	1.272	1.23	1.754	-	-	-	1.188
NO0002R	PCB_52	air+aerosol	-	-	-	-	-	-	0.655	0.977	0.805	0.628	1.132	0.768	-
NO0042G	PCB_52	air+aerosol	1.711	0.929	1.051	0.883	0.982	1.182	1.027	0.836	0.876	0.675	0.975	0.797	0.972
NO0058G	PCB_52	air+aerosol	0.085	0.066	0.064	0.025	0.082	0.034	0.031	0.029	0.03	0.028	0.029	0.028	0.045
NO0090R	PCB_52	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	1.355	-
SE0012R	PCB_52	air+aerosol	-	0.89	0.869	1.453	1.8	2.453	3.039	2.197	2.03	1.4	1.946	0.97	1.739
SE0014R	PCB_52	air+aerosol	-	2.2	3.284	3.453	2.5	4.58	4.155	3.374	2.49	1.5	2.43	1.4	2.854
NO0042G	PCB_66	air+aerosol	0.456	0.246	0.278	0.214	0.176	0.259	0.278	0.204	0.212	0.187	0.243	0.197	0.241
NO0058G	PCB_66	air+aerosol	0.016	0.014	0.015	0.01	0.016	0.01	0.01	0.01	0.01	0.01	0.01	0.011	0.012
NO0090R	PCB_66	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	0.41	-
NO0042G	PCB_74	air+aerosol	0.275	0.153	0.177	0.149	0.123	0.169	0.176	0.132	0.142	0.117	0.162	0.131	0.156
NO0058G	PCB_74	air+aerosol	0.011	0.01	0.011	0.01	0.012	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NO0090R	PCB_74	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	0.258	-
NO0001R	PCB_99	air+aerosol	0.199	0.153	0.227	0.205	0.154	0.208	0.251	0.244	0.357	-	-	-	0.21
NO0002R	PCB_99	air+aerosol	-	-	-	-	-	-	0.147	0.188	0.179	0.12	0.235	0.136	-
NO0042G	PCB_99	air+aerosol	0.202	0.137	0.168	0.157	0.106	0.083	0.113	0.108	0.112	0.119	0.173	0.156	0.133
NO0058G	PCB_99	air+aerosol	0.01	0.01	0.011	0.01	0.011	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NO0090R	PCB_99	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	0.309	-
DE0001R	op_DDD	air+aerosol	0.05	0.062	0.082	0.16	0.15	0.118	0.109	0.307	0.468	0.08	0.131	0.074	0.149
DE0003R	op_DDD	air+aerosol	0.067	0.067	0.071	0.095	0.074	0.091	0.07	0.193	0.083	0.032	0.026	0.059	0.077
DE0008R	op_DDD	air+aerosol	0.068	0.064	0.067	0.213	0.238	0.244	0.251	0.361	0.235	0.058	0.076	0.048	0.161
DE0009R	op_DDD	air+aerosol	0.45	0.254	0.414	0.812	0.97	1.049	0.967	0.905	1.843	0.549	0.459	0.444	0.761
NO0042G	op_DDD	air+aerosol	0.033	0.013	0.014	0.011	0.011	0.01	0.01	0.017	0.012	0.013	0.028	0.023	0.016
NO0058G	op_DDD	air+aerosol	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
NO0090R	op_DDD	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	0.041	-
DE0001R	op_DDE	air+aerosol	0.097	0.133	0.144	0.261	0.119	0.106	0.078	0.266	0.131	0.232	0.26	0.163	0.166
DE0003R	op_DDE	air+aerosol	0.069	0.104	0.076	0.186	0.14	0.164	0.114	0.304	0.229	0.1	0.09	0.113	0.141
DE0008R	op_DDE	air+aerosol	0.2	0.24	0.15	0.4	0.23	0.35	0.32	0.34	0.45	0.25	0.17	0.17	0.272
DE0009R	op_DDE	air+aerosol	0.559	0.371	0.521	0.645	0.565	0.443	0.629	0.629	0.449	0.72	1.025	0.746	0.61
DK0010G	op_DDE	air	0	0	-	-	-	-	-	0.01	0	0.02	0	-	-
NO0042G	op_DDE	air+aerosol	0.119	0.105	0.093	0.055	0.027	0.01	0.015	0.013	0.02	0.042	0.131	0.105	0.058
NO0058G	op_DDE	air+aerosol	0.011	0.011	0.01	0.01	0.01	0.01	0.01	0.011	0.01	0.01	0.01	0.01	0.01
NO0090R	op_DDE	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	0.148	-
DE0001R	op_DDT	air+aerosol	0.214	0.327	0.307	0.937	0.346	0.307	0.242	0.947	1.503	0.54	0.451	0.271	0.531
DE0003R	op_DDT	air+aerosol	0.22	0.22	0.24	0.25	0.35	1.04	0.76	1.5	1.12	0.31	0.19	0.24	0.538
DE0008R	op_DDT	air+aerosol	0.83	1.11	0.59	2.26	2.11	1.58	2.28	2.88	2.45	0.82	0.67	0.77	1.53
DE0009R	op_DDT	air+aerosol	3.593	2.993	3.166	6.082	3.484	4.475	6.699	1.867	12.735	4.567	-	3.858	4.856
DK0010G	op_DDT	air	0.18	0.06	-	-	-	-	-	4.04	0.54	0.17	0	-	-
IS0091R	op_DDT	air+aerosol	0.051	0.057	0.053	0.055	0.054	0.055	0.053	0.054	0.055	0.052	0.054	0.052	0.054
NO0042G	op_DDT	air+aerosol	0.282	0.141	0.16	0.143	0.071	0.039	0.068	0.073	0.087	0.129	0.305	0.229	0.14
NO0058G	op_DDT	air+aerosol	0.01	0.013	0.014	0.013	0.016	0.016	0.013	0.011	0.01	0.01	0.01	0.014	0.013
NO0090R	op_DDT	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	0.331	-
CZ0003R	pp_DDD	air+aerosol	0.975	1.65	0.875	1	0.5	0.725	0.66	0.975	0.66	0.5	0.5	1.66	0.9
DE0001R	pp_DDD	air+aerosol	0.06	0.06	0.086	0.096	0.089	0.091	0.074	0.182	1.015	0.075	0.091	0.053	0.163
DE0003R	pp_DDD	air+aerosol	0.089	0.088	0.094	0.719	0.079	0.157	0.106	0.255	0.286	0.067	0.054	0.068	0.171
DE0008R	pp_DDD	air+aerosol	0.196	0.113	0.088	0.236	0.216	0.123	0.301	0.416	0.234	0.066	0.077	0.106	0.182
DE0009R	pp_DDD	air+aerosol	1.609	0.605	0.638	1.18	1.664	2.182	1.294	0.39	12.147	1.339	2.289	1.116	2.193

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
DK0010G	pp_DDD	air	0.03	0.02	-	-	-	-	-	6.18	0.71	0.15	0.01	-	-
FI0096G	pp_DDD	air+aerosol	0.12	0.45	0.542	0.063	0.02	0.041	0.05	0.049	0.028	0.01	0.914	0.81	0.265
IS0091R	pp_DDD	air+aerosol	0.051	0.057	0.053	0.055	0.054	0.055	0.053	0.054	0.055	0.052	0.054	0.052	0.054
NO0042G	pp_DDD	air+aerosol	0.029	0.023	0.021	0.011	0.015	0.01	0.012	0.016	0.015	0.012	0.019	0.014	0.016
NO0058G	pp_DDD	air+aerosol	0.01	0.012	0.01	0.01	0.01	0.014	0.046	0.039	0.04	0.031	0.01	0.016	0.021
NO0090R	pp_DDD	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	0.031	-
SE0012R	pp_DDD	air+aerosol	-	0.41	0.088	0.049	0.11	0.148	0.226	0.055	0.228	0.3	0.114	0.03	0.157
SE0014R	pp_DDD	air+aerosol	-	0.005	0.005	0.014	0.07	0.115	0.05	0.052	0.108	0.005	0.005	0.005	0.04
CZ0003R	pp_DDE	air+aerosol	6.7	13	9.2	12.65	12.1	12.5	16.44	16.35	28.16	20.3	13	14.4	15.017
DE0001R	pp_DDE	air+aerosol	1.41	1.889	2.088	4.021	1.728	1.359	0.982	3.196	2.253	4.881	4.932	2.337	2.589
DE0003R	pp_DDE	air+aerosol	0.68	1.4	2	3.3	4	3.5	2.4	4.6	5.5	1.9	1.3	2.1	2.727
DE0008R	pp_DDE	air+aerosol	3.2	4.2	2.6	8.2	8.4	7.4	7.3	7.1	15.3	6.8	4.2	4.1	6.562
DE0009R	pp_DDE	air+aerosol	7.622	6.518	8.031	12.432	9.684	8.789	10.454	16.245	10.695	15.582	22.617	10.873	11.649
DK0010G	pp_DDE	air	0.58	0.26	-	-	-	-	-	15.71	1.27	18.33	1.01	-	6.193
FI0096G	pp_DDE	air+aerosol	0.57	0.58	0.501	0.295	0.26	0.183	0.235	0.26	0.25	0.25	1.158	0.9	0.443
IS0091R	pp_DDE	air+aerosol	0.145	0.057	0.053	0.143	0.052	0.055	0.137	0.055	0.147	0.166	0.275	0.132	0.118
NO0042G	pp_DDE	air+aerosol	1.066	0.513	0.455	0.144	0.115	0.048	0.071	0.067	0.103	0.249	1.581	0.886	0.426
NO0058G	pp_DDE	air+aerosol	0.018	0.016	0.018	0.03	0.029	0.045	0.131	0.071	0.05	0.045	0.028	0.03	0.044
NO0090R	pp_DDE	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	1.852	-
SE0012R	pp_DDE	air+aerosol	-	1.4	1.148	1.687	1.6	1.34	1.9	1.923	2.49	1.5	3.46	1.5	1.813
SE0014R	pp_DDE	air+aerosol	-	1.7	2.003	2.08	1.3	1.12	1.594	2.603	2.63	2	5.467	2.4	2.262
CZ0003R	pp_DDT	air+aerosol	3.575	3.325	2.925	4.8	5.067	6.425	9.1	10.575	5.86	2.875	2.8	7.54	5.569
DE0001R	pp_DDT	air+aerosol	0.41	0.453	0.57	1.336	0.744	0.691	0.451	1.452	7.754	0.697	0.577	0.284	1.277
DE0003R	pp_DDT	air+aerosol	0.48	0.47	0.51	0.92	1.11	1.35	0.97	2.62	1.55	0.36	0.29	0.37	0.919
DE0008R	pp_DDT	air+aerosol	1.46	1.53	1.12	3.78	3.73	3.88	3.89	4.5	3.65	1.06	0.82	1.05	2.542
DE0009R	pp_DDT	air+aerosol	21.548	9.883	8.968	24.673	19.198	22.188	17.297	21.051	60.035	19.925	16.987	14.246	21.321
DK0010G	pp_DDT	air	0.19	0	-	-	-	-	-	5.85	0.9	1.72	0.02	-	-
FI0096G	pp_DDT	air+aerosol	0.1	0.11	0.092	0.08	0.08	0.062	0.095	0.118	0.068	0.05	0.117	0.1	0.088
IS0091R	pp_DDT	air+aerosol	0.051	0.057	0.053	0.055	0.054	0.055	0.053	0.054	0.055	0.052	0.054	0.052	0.054
NO0042G	pp_DDT	air+aerosol	0.177	0.067	0.075	0.035	0.026	0.015	0.028	0.028	0.035	0.059	0.18	0.113	0.068
NO0058G	pp_DDT	air+aerosol	0.011	0.01	0.01	0.01	0.012	0.017	0.042	0.018	0.028	0.019	0.011	0.013	0.017
NO0090R	pp_DDT	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	0.274	-
SE0012R	pp_DDT	air+aerosol	-	0.16	0.17	0.097	0.47	0.295	0.73	0.468	0.421	0.52	0.528	0.2	0.372
SE0014R	pp_DDT	air+aerosol	-	0.48	0.415	0.574	0.47	0.429	0.631	0.969	0.087	0.42	0.917	0.48	0.535
DK0010G	cis_CD	air	0.48	0.18	-	-	-	-	-	0.79	0.62	0.65	0.01	-	0.455
IS0091R	cis_CD	air+aerosol	0.484	0.511	0.488	0.595	0.509	0.486	0.516	0.514	0.391	0.428	0.377	0.25	0.463
NO0042G	cis_CD	air+aerosol	0.437	0.366	0.456	0.541	0.552	0.43	0.399	0.646	0.516	0.534	0.579	0.544	0.502
NO0058G	cis_CD	air+aerosol	0.036	0.033	0.042	0.039	0.057	0.03	0.027	0.023	0.034	0.06	0.055	0.045	0.04
NO0090R	cis_CD	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	0.593	-
DK0010G	cis_NO	air	0	0.01	-	-	-	-	-	0	0.12	0.02	0	-	-
NO0042G	cis_NO	air+aerosol	0.033	0.012	0.023	0.026	0.056	0.061	0.055	0.09	0.07	0.054	0.048	0.027	0.048
NO0058G	cis_NO	air+aerosol	0.01	0.01	0.01	0.01	0.008	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NO0090R	cis_NO	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	0.036	-
DK0010G	trans_CD	air	0.27	0.1	-	-	-	-	-	1.03	0.19	0.14	0.02	-	-
IS0091R	trans_CD	air+aerosol	0.3	0.329	0.272	0.271	0.269	0.243	0.053	0.054	0.055	0.273	0.135	0.156	0.2

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
NO0042G	trans_CD	air+aerosol	0.271	0.198	0.258	0.236	0.169	0.077	0.07	0.082	0.092	0.134	0.277	0.29	0.173
NO0058G	trans_CD	air+aerosol	0.01	0.009	0.01	0.012	0.022	0.017	0.016	0.013	0.017	0.023	0.019	0.015	0.016
NO0090R	trans_CD	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	0.483	-
DK0010G	trans_NO	air	0.49	0.12	-	-	-	-	-	0.19	0.02	0.06	0.04	-	0.153
IS0091R	trans_NO	air+aerosol	0.413	0.448	0.412	0.481	0.451	0.414	0.298	0.335	0.242	0.308	0.291	0.198	0.357
NO0042G	trans_NO	air+aerosol	0.373	0.273	0.381	0.463	0.499	0.328	0.308	0.461	0.363	0.379	0.49	0.432	0.395
NO0058G	trans_NO	air+aerosol	0.023	0.016	0.018	0.018	0.031	0.017	0.017	0.015	0.018	0.031	0.031	0.033	0.022
NO0090R	trans_NO	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	0.516	-
CZ0003R	alpha_HCH	air+aerosol	4.125	4.675	7.425	32.45	12.867	19.45	29.3	24.575	21.04	11.5	4.45	5.38	14.31
DE0001R	alpha_HCH	air+aerosol	4.8	3.5	3.3	9.2	7	12.5	6.2	11.6	8	8.2	7.9	5.9	7.351
DE0003R	alpha_HCH	air+aerosol	3.4	7.5	15	16	12	16	12	21	12	15	25	6.5	13.458
DE0008R	alpha_HCH	air+aerosol	4.2	7.8	4.9	7.5	11.3	15.9	18.6	10.3	11.1	10.2	9.1	4.3	9.601
DE0009R	alpha_HCH	air+aerosol	3.6	3.8	4	5	6.8	16.6	8.8	11.2	9.9	8.6	8.9	4.8	7.672
DK0010G	alpha_HCH	air	8.91	4.71	-	-	-	-	-	13.58	11.29	8.51	0.91	-	-
FI0096G	alpha_HCH	air+aerosol	3	2	2.903	3.133	4	4.067	5	5	4.9	4	3.967	3	3.818
IS0091R	alpha_HCH	air+aerosol	3.012	3.229	3.258	2.267	1.996	1.658	1.08	1.145	2.535	2.011	2.11	2.12	2.19
NO0001R	alpha_HCH	air+aerosol	4.154	3.595	4.669	5.644	6.561	8.296	12.764	9.419	9.867	-	-	-	6.916
NO0002R	alpha_HCH	air+aerosol	-	-	-	-	-	-	7.51	8.333	9.828	6.829	5.795	3.876	-
NO0042G	alpha_HCH	air+aerosol	6.961	5.544	6.78	9.306	7.242	8.273	8.906	11.056	10.315	9.503	6.896	6.26	8.224
NO0058G	alpha_HCH	air+aerosol	0.165	0.179	0.228	0.225	0.229	0.222	0.257	0.204	0.211	0.203	0.171	0.159	0.204
NO0090R	alpha_HCH	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	6.191	-
SE0012R	alpha_HCH	air+aerosol	-	2	2	2.133	3	4.267	7.677	6.032	6.4	1	3.833	2	3.683
SE0014R	alpha_HCH	air+aerosol	-	3	3	3	3	4	4	3.871	0.5	5	4.933	3	3.399
DK0010G	beta_HCH	air	0.01	0.01	-	-	-	-	-	0	0	0	0	-	-
IS0091R	beta_HCH	air+aerosol	0.254	0.328	0.352	0.496	0.623	0.835	0.468	0.477	0.452	0.181	0.054	0.052	0.381
NO0058G	beta_HCH	air+aerosol	0.01	0.01	-	-	-	-	-	-	-	-	-	-	-
CZ0003R	gamma_HCH	air+aerosol	12.375	6.275	24.175	27.75	38.433	30.6	42.14	45.65	27.7	20.125	8.575	11.14	24.308
DE0001R	gamma_HCH	air+aerosol	4.76	3.87	5.9	16.22	11.66	20.97	20.37	26.63	12.31	8.32	8.29	8.44	12.359
DE0003R	gamma_HCH	air+aerosol	21	28	43	45	70	83	106	141	52	39	41	13	57.096
DE0008R	gamma_HCH	air+aerosol	4.1	9.2	7.8	13.8	30.7	28.6	25.4	24.7	17.8	10.6	8.4	8.4	15.832
DK0010G	gamma_HCH	air	1.05	0.77	-	-	-	-	-	11.76	2.17	2.11	0.14	-	-
FI0096G	gamma_HCH	air+aerosol	1	1	1	1	1	1.067	2	1.968	1	1	1	1	1.185
IS0091R	gamma_HCH	air+aerosol	1.634	1.425	1.561	2.096	2.101	2.211	2.069	1.966	1.857	1.819	1.674	1.318	1.813
NO0001R	gamma_HCH	air+aerosol	2.454	2.141	2.781	4.767	4.05	4.607	7.096	6.16	9.394	-	-	-	4.407
NO0002R	gamma_HCH	air+aerosol	-	-	-	-	-	-	5.414	5.288	4.153	1.53	3.507	1.547	-
NO0042G	gamma_HCH	air+aerosol	1.442	0.911	1.272	1.598	1.237	1.175	1.198	1.627	1.408	1.163	1.514	1.101	1.315
NO0058G	gamma_HCH	air+aerosol	0.045	0.041	0.065	0.055	0.082	0.096	0.228	0.098	0.059	0.052	0.042	0.039	0.077
NO0090R	gamma_HCH	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	1.73	-
SE0012R	gamma_HCH	air+aerosol	-	1	1.065	2.267	4	5.133	6.516	4.032	4.7	2	2.9	1	3.167
SE0014R	gamma_HCH	air+aerosol	-	2	2.065	3	3	4.133	5.839	5.032	5.6	2	3.867	2	3.51
CZ0003R	HCB	air+aerosol	22.3	45.0	32.0	44.3	45.8	32.5	30.0	38.5	89.0	54.5	54.2	58.1	46.4
CZ0003R	HCB	air+aerosol	22.3	45.0	32.0	44.3	45.8	32.5	30.0	38.5	89.0	54.5	54.2	58.1	46.4
DE0001R	HCB	air+aerosol	58.9	59.3	62.3	55.9	47.5	38.2	24.3	41.4	42.1	81.8	77.9	81.2	55.9
DE0003R	HCB	air+aerosol	61.0	60.0	64.0	63.0	45.0	44.0	39.0	43.0	65.0	77.0	65.0	74.0	58.3
DE0008R	HCB	air+aerosol	63.0	78.0	63.0	71.0	52.0	46.0	47.0	41.0	71.0	94.0	73.0	66.0	63.6
DE0009R	HCB	air+aerosol	68.7	62.8	60.7	48.6	47.4	41.2	32.4	34.3	47.8	69.4	77.1	71.3	55.1

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DK0010G	HCB	air	54.6	57.1	-	-	-	-	-	-	61.6	57.1	1.8	59.7	-
FI0096G	HCB	air+aerosol	25.0	19.0	23.5	21.8	14.0	14.9	13.4	10.2	16.6	22.0	26.9	28.0	19.2
IS0091R	HCB	air+aerosol	5.7	5.6	6.2	3.9	3.2	2.8	2.1	1.9	3.9	4.0	5.3	12.9	4.8
NO0001R	HCB	air+aerosol	68.8	55.8	70.0	67.3	67.4	64.2	62.8	52.3	69.3	-	-	-	63.6
NO0002R	HCB	air+aerosol	-	-	-	-	-	-	29.9	37.1	30.6	45.3	47.8	52.2	-
NO0042G	HCB	air+aerosol	65.9	68.8	73.8	72.9	71.6	80.7	75.2	88.0	81.1	77.6	74.9	71.1	75.8
NO0058G	HCB	air+aerosol	13.8	19.0	22.3	17.3	18.8	23.6	25.1	26.8	26.2	24.3	19.0	14.0	21.1
NO0090R	HCB	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	87.9	-
SE0012R	HCB	air+aerosol	-	14.0	15.0	15.3	11.0	18.8	15.7	14.2	21.7	37.0	19.4	12.0	17.7
SE0014R	HCB	air+aerosol	-	18.0	19.4	10.6	8.0	8.0	8.0	8.7	28.4	14.0	16.2	23.0	14.7