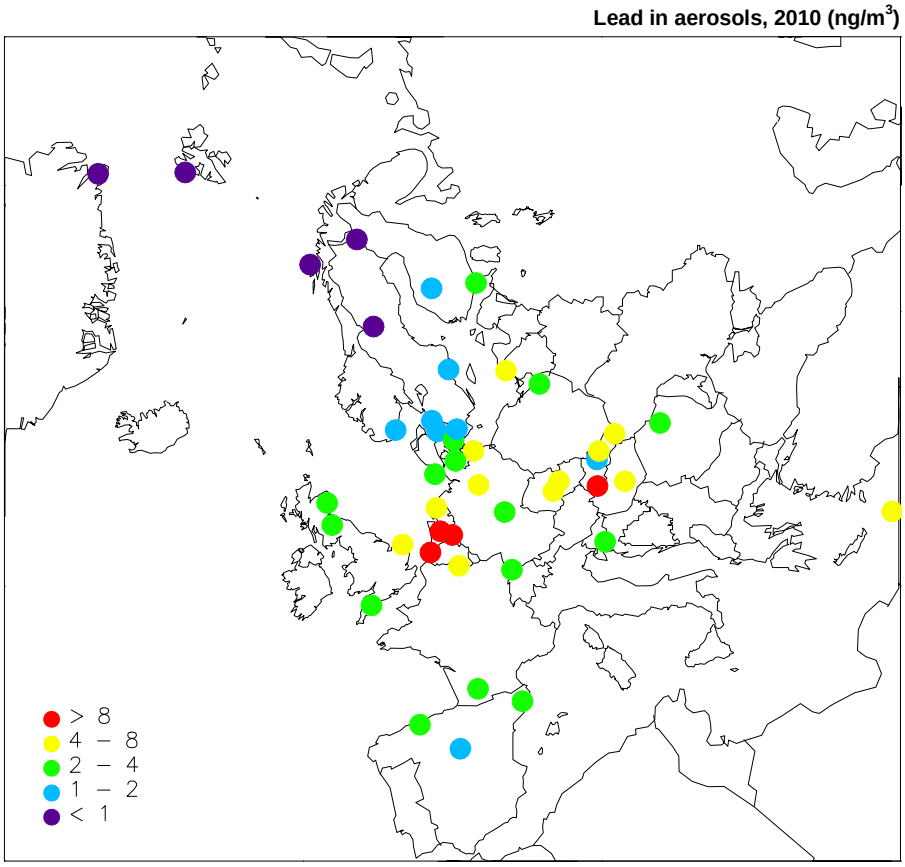
EMEP/CCC-Report 3/2012

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

Heavy metals and POP measurements, 2010

Wenche Aas and Knut Breivik



Norwegian Institute for Air Research
PO Box 100, NO-2027 Kjeller, Norway
Chemical Co-ordinating Centre of EMEP (CCC)

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1. Introduction

Heavy metals and persistent organic pollutants (POPs) were included in EMEP's monitoring program in 1999. However, earlier data has been available and collected, and the EMEP database thus also includes older data, even back to 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 (UNECE, 2004) and 2010-2019 (UNECE, 2009).

So far, sixteen 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, 3/2011), which present data on heavy metals and POPs from national and international measurement programmes for the period 1987 to 2009. In this report data from 2010 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 2010, 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 2010, there were 33 sites measuring heavy metals in both air and precipitation, and altogether there were 64 measurement sites. This was seven

less sites than in 2009. In 2010, there are no sites in Austria and Italy, but a new site in Romania. In addition, there are four Spanish sites with campaign data. There were 29 sites measuring at least one form of mercury (Figure 2), which is three more than the previous year. 12 sites were measuring mercury in both air and precipitation.

Even though there were less sites in 2010, the measurement obligations set by the EMEP monitoring strategy (UNECE, 2004; 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.

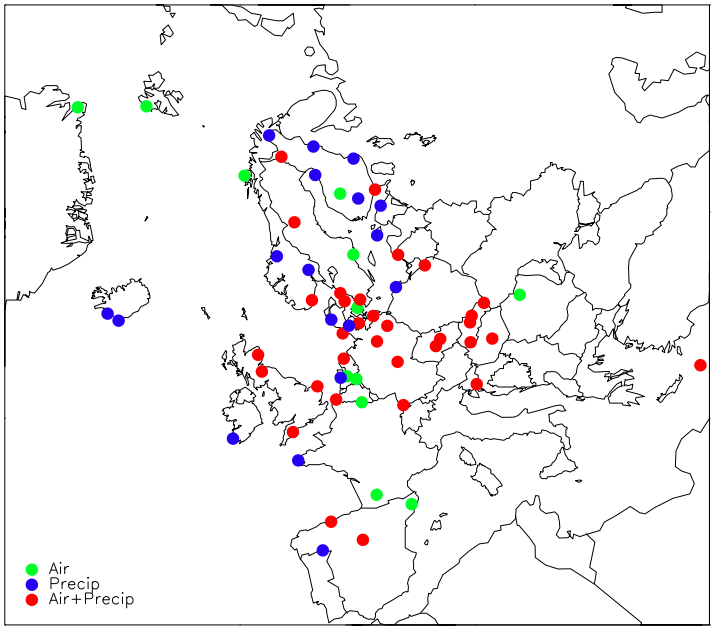

Figure 1: Measurement network of heavy metals, 2010. Note that Cyprus is misplaced to get it inside the map.

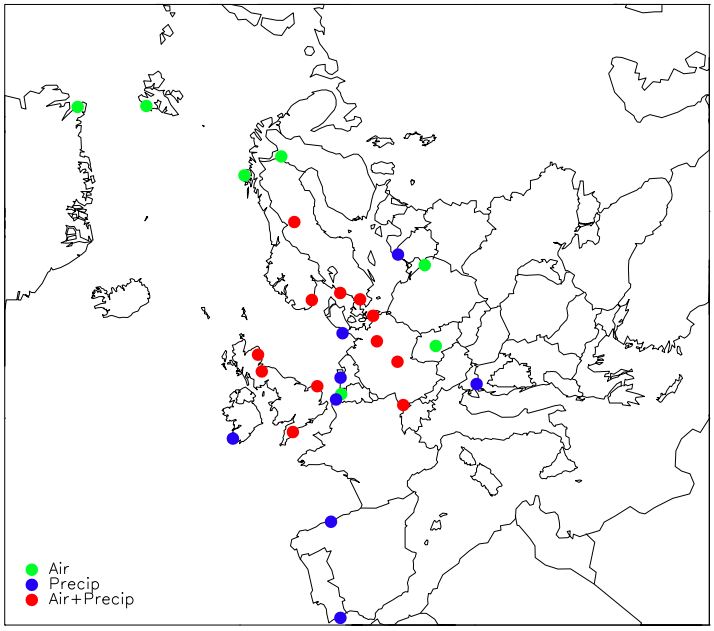

Figure 2: Measurement network of mercury, 2010.

Table 1: Monitoring stations and the sampling program of heavy metals, 2010.

Country	code	Station name	Latitude				Longitude				hasl	Metals in air	Metals in precip
Belgium	BE0013R	Houtem	51	0	58	N	2	34	56	E	44	Hg	
	BE0014R	Koksijde	51	7	15	N	2	39	30	E	4	As,Cd, Cr Cu,Mn,Ni,Pb,Zn	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,Hg,Pb,Mn,Ni,V,Zn	Ba,Cd,Co,Cu,Mn,Ni,Fe,Pb,Sr,Zn
Czech Republic	CZ0001R	Svratouch	49	44	0	N	16	3	0	E	737	As,Cd,Cu,Pb,Ni,Mn,Zn	Cd,Fe,Mn,Ni,Pb,Zn
	CZ0003R	Kosetice	49	35	0	N	15	5	0	E	534	As,Cd,Cu,Hg,Pb,Ni,Mn,Zn	Cd,Fe,Mn,Ni,Pb,Zn
Germany	DE0001R	Westerland	54	55	32	N	8	18	35	E	12	As,Cd,Cu,Co,Fe,Pb, Mn,Ni,Sb,Tl,V,Zn	As,Cd,Cu,Cr,Co,Fe,HgPb, Mn,Ni,Se,Sb,Tl,V,Zn
	DE0002R	Langenbrügge	52	48	8	N	10	45	34	E	74	As,Cd,Cu,Co,Fe,Hg,Pb, Mn,Ni,Tl, 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,Tl, Sb,V,Zn	As,Cd,Cu,Cr,Co,Fe,Hg,Pb, Mn,Ni,Se,Sb,Tl,V,Zn
	DE0007R	Neuglobsow	53	10	0	N	13	2	0	E	65	As,Cd,Cu,Co,Fe,Hg,Pb, Mn,Ni,Tl, Sb,V,Zn	As,Cd,Cu,Cr,Co,Fe,Pb, Mn,Ni,Se,Sb,Tl,V,Zn
	DE0008R	Schmücke	50	39	0	N	10	46	0	E	937	As,Cd,Cu,Co,Fe,Hg,Pb, Mn,Ni,Tl, Sb,V,Zn	As,Cd,Cu,Cr,Co,Fe,Hg,Pb, Mn,Ni,Se,Sb,Tl,V,Zn
	DE0009R	Zingst	54	26	0	N	12	44	0	E	1	As,Cd,Cu,Co,Fe,Hg,Pb, Mn,Ni,Tl, Sb,V,Zn	As,Cd,Cu,Cr,Co,Fe,Hg,Pb, Mn,Ni,Se,Sb,Tl,V,Zn
Denmark	DK0005R	Keldsnor	54	44	0	N	10	44	0	E	1	As,Cd,Pb,Ni	As,Cd,Cr,Cu,Pb,Ni,Zn
	DK0008R	Anholt	56	43	0	N	11	31	0	E	40	As,Cd,Pb,Ni	As,Cd,Cr,Cu,Pb,Ni,Zn
	DK0010G	Nord, Greenland	81	36	0	N	16	40	12	W	20	Al,As,Cr,Pb,Fe,Mn,Ni,Se,Zn,Hg	
	DK0012R	Risø	55	41	36	N	12	5	0	E	3	As,Cd,Pb,Ni	
	DK0022R	Sepstrup Sande	55	5	0	N	9	36	0	E	60		As,Cd,Cr,Cu,Pb,Ni,Zn
	DK0031R	Ulborg	56	17	0	N	8	26	0	E	10		As,Cd,Cr,Cu,Pb,Ni,Zn
Estonia	EE0009R	Lahemaa	59	30	0	N	25	54	0	E	32		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	Hg (g), As,Cd,Cr,Cu,Pb,Ni,Zn (campaign)	As,Cd,Cu,Cr,Pb,Hg,Ni,Zn (total deposition) (campaign)
	ES0006R	Mahón	39	52	3	N	4	19	19	E	78	Hg (g), As,Cd,Cr,Cu,Pb,Ni,Zn (campaign)	As,Cd,Cu,Cr,Pb,Hg,Ni,Zn (total deposition) (campaign)
	ES0007R	Víznar	37	14	14	N	3	32	3	W	1265	Hg (g), As,Cd,Cr,Cu,Pb,Ni,Zn (campaign)	As,Cd,Cu,Cr,Pb,Hg,Ni,Zn (total deposition) (campaign)
	ES0008R	Niembro	43	26	20	N	4	50	57	W	134	As,Cd,Cr,Cu,Pb,Ni,Zn, Hg (g)	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,Cu,Cr,Pb,Ni,Zn (precip)
	ES0014R	Els Torms	41	23	33	N	0	44	3	E	470	Hg(g), As,Cd,Cr,Cu,Pb,Ni,Zn (campaign)	As,Cd,Cu,Cr,Pb,Hg,Ni,Zn (total deposition) (campaign)
	ES1778R	Montseny	41	46	0	N	2	21	0	E	700	Al,As,Cd,Cu,Co,Fe,Pb, Mn,Ni,Tl, Sb,V,Zn + more	
Finland	FI0008R	Kevo	69	45	25	N	27	0	41	E	80		Al,As,Cd,Cr,Co,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,Co,Cu,Fe,Pb,Mn,Ni,V,Zn
	FI0022R	Oulanka	66	19	13	N	29	23	59	E	310		Al,As,Cd,Cr,Co,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,Co,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,Co,Fe,Pb,Mn,Ni,V,Zn
	FI0092R	Hietajarvi	63	10	6	N	30	42	40	E	173		Al,As,Cd,Cr,Cu,Co,Fe,Pb,Mn,Ni,V,Zn
	FI0093R	Kotinen	61	14	21	N	25	3	55	E	158		Al,As,Cd,Cr,Co,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	
	FR0013R	Peyrusse Vieille	43	37	0	N	0	11	0	E	200	As,Cd,Cr,Cu,Pb,Ni,Zn	
	FR0090R	Porspoder	48	31	0	N	4	45	0	W	50		As,Cd,Cu,Cr,Ni,Pb,Zn
Great Britain	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
	GB0048R	Auchencorth Moss	55	47	36	N	3	14	41	W	260	As,Cd,Cr,Cu,Hg,Pb,Ni,Zn,Sb,Ba,Co,Li,Se+more	As,Cd,Cr,Cu,Hg,Pb,Ni,Zn,Sb,Ba,Co,Li,Mn,Se,Sr+more
	GB0091R	Banchory	57	5	0	N	2	32	0	W	120	As,Cd,Cr,Cu,Hg,Pb,Ni,Zn	As,Cd,Cr,Cu,Hg,Pb,Ni,Zn
Hungary	HU0002R	K-puszta	46	58	0	N	19	35	0	E	125	Pb,Cd	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
Iceland	IS0090R	Reykjavik	64	8	0	N	21	54	0	W	52	(IS02 : Fe)	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,Ni,V,Zn

Table 1, cont.

Country	code	Station name	Latitude				Longitude				hasl	Metals in air	Metals in precip
Latvia	LV0010R	Rucava	56	9	44	N	21	10	23	E	18	As,Cd,Pb,Ni	As,Cd,Hg,Pb,Ni
Netherlands	NL0008R	Bilthoven	52	7	0	N	5	12	0	E	5	As,Cd,Pb,Ni,Zn	
	NL0009R	Kollumerwaard	53	20	2	N	6	16	38	E	1	As,Cd,Pb,Ni,Zn	As,Cd,Cr,Cu,Pb,Ni,Zn
	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	
	NO0056R	Hurdal	60	22	0	N	11	4	0	E	300		Cd,Pb,Zn
	NO0090R	Andøya	69	16	42	N	16	0	42	E	380	As,Cd,Cr,Co,Cu,Pb,Mn,Hg,Ni,V,Zn	
Poland	PL0004R	Leba	54	45	13	N	17	32	5	E	2		Cd,Cr,Cu,Pb,Ni,Zn
	PL0005R	Diabla Gora	54	7	3	N	22	2	17	E	157	As,Cd,Cr,Cu,Pb,Hg,Ni,Zn	As,Cd,Cr,Cu,Pb,Ni,Zn
Portugal	PT0002R	Faro	37	1	0	N	7	58	0	W	8		Cd,Cr,Cu,Hg,Pb,Ni,Zn
Romania	RO0008R	Poiana Stampei	47	19	29	N	25	8	4	E	908	As.Cd,Pb,Ni	
Sweden	SE0005R	Bredkälen	63	51	0	N	15	20	0	E	404	As,Cd,Cr,Hg,Pb,Co,Cu,Mn,Ni,V,Zn	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,Pb,Co,Cu,Mn,Ni,V,Zn	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,Pb,Co,Cu,Mn,Ni,V,Zn	
	SE0014R	Råö	57	23	0	N	11	53	0	E	10	As,Cd,Hg(+Hg_{part}),Pb,Cr,Co,Cu,Mn,Ni,V,Zn	Hg,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	Topolniky	47	57	36	N	17	51	38	E	113	As,Cd,Cr,Cu,Pb,Ni,Zn	As,Cd,Cr,Cu,Pb,Ni,Zn

2.2 Monitoring sites for POPs

The locations of the measurement sites, which have delivered POPs for 2010, are shown in Figure 3 and Table 2. In 2009 there were 14 sites measuring POPs in both compartments, and altogether there were 26 measurement sites, which is two more sites than in 2009. Most of the additional measurements the latter years are PAHs and more specifically benzo[a]pyrene which is required to monitor in accordance to the EUs air quality directives (EU, 2004; 2008).

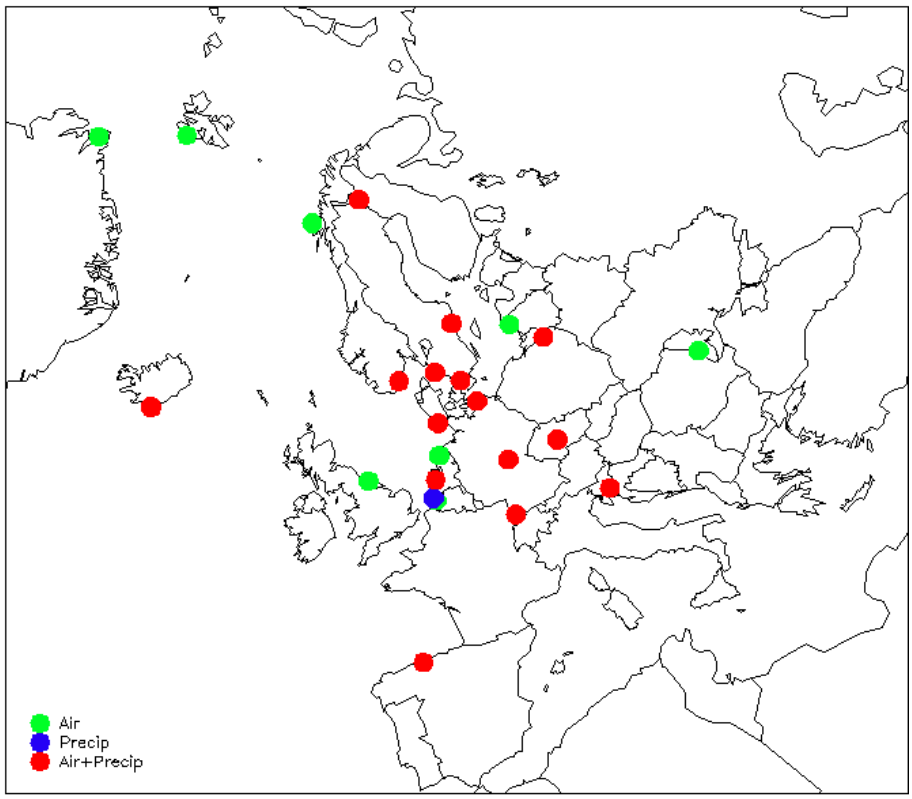

Figure 3: Monitoring network of POPs in EMEP, 2010.

2.3 Sampling and analytical techniques

A brief summary of the sampling and analytical techniques used for the 2010-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, 2010.

Country	Code	Name	Latitude				Longitude				hasl	POPs in air and aerosol	POPs in precipitation
Belgium	BE0013R	Houtem	51	0	58	N	2	34	56	E	44	PAHs	
	BE0014R	Koksijde	51	7	15	N	2	39	30	E	4		PCBs, pesticides, HCH
Cyprus	CY0002R	Ayia Marina	35	2	20	N	33	3	29	E	532	PAHs	
Czech rep.	CZ0003R	Kosetice	49	35	0	N	15	5	0	E	534	PAHs, PCBs, pesticides, HCB, 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	PAHs
	DE0008R	Schmücke	50	39	0	N	10	46	0	E	937	PAHs	PAHs
	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	PAHs, pesticides, HCB, HCHs	
Spain	ES0008R	Niembro	43	26	32	N	4	51	1	W	134	PAHs	PAHs
Finland	FI0096R	Pallas	68	0	0	N	24	14	23	E	340	PAHs, PCBs, pesticides, HCB, HCHs	PAHs, PCBs, HCHs
Great Britain	GB0014R	High Muffles	54	20	4	N	0	48	27	W	267	PCBs	
Iceland	IS0091R	Storhofdi	63	24	0	N	20	17	0	W	118	PCBs, pesticides, HCB, HCHs	PCBs, pesticides, HCB, HCHs
Kazakhstan	KZ0001R	Borovoe	53	7	1	N	70	16	58	E	0	PAHs, PCBs, pesticides, HCB, HCHs	
Latvia	LV0010R	Rucava	56	9	44	N	21	10	23	E	18	PAHs	
Moldova	MD0013R	Leova II	46	29	18	N	28	17	0	E	166	PAHs, PCBs, pesticides, HCB, HCHs	
Netherlands	NL0009R	Kollumerwaard	53	20	2	N	6	16	38	E	1	PAHs	
	NL0091R	De Zilk	52	18	0	N	4	30	0	E	4	PAHs	gHCH
Norway	NO0042G	Spitsbergen	78	54	0	N	11	53	0	E	474	PAHs, PCBs, pesticides, HCHs, HCB	
	NO0002R	Birkenes	58	23	0	N	8	15	0	E	190	PAHs, PCBs, pesticides, HCHs, HCB	PCBs, PAHs,HCB, HCHs
	NO0090R	Andøya	69	16	42	N	16	0	42	E	380	PAHs, PCBs, pesticides, HCHs, HCB	
Poland	PL0005R	Diabla Gora	54	7	3	N	22	2	17	E	157	PAHs	PAHs
Sweden	SE0011R	Vavihill	56	1	0	N	13	9	0	E	175	PAHs	PAHs
	SE0012R	Aspvreten	58	48	0	N	17	23	0	E	20	PAHs, PCBs, pesticides, HCHs, HCB	PAHs, PCBs, HCHs
	SE0014R	Råö	57	23	38	N	11	55	50	E	5	PAHs, PCBs, pesticides, HCHs, HCB	PAHs, PCBs, HCHs
Slovenia	SI0008R	Iskrba	45	33	45	N	14	51	45	E	520	PAHs	PAHs

Table 3: Measurement methods for POPs, 2010.

Country	Precipitation		Air and aerosols		Laboratory method
	Sampling method	Frequency	Sampling method	Frequency	
Belgium	wet only	Monthly	High Vol, Digitel, 1296 m3/day	24h, once every 4 days	UPLC with Fluorescence detection (PAHs). Dual column GC-ECD (PCBs)
Cyprus			High Vol, Digitel, 700 m3/day	daily	HPLC
Czech rep.	wet only	Daily	HV-GRASEBY,PUR-foam 300-400m3/day	1d a week	HPLC, GC-MS
Germany	wet only	Monthly	High vol (filter + PU foam)	monthly	GC-MS
Denmark					
Spain	Bulk (precip + dry dep)	52 days (campaign)	PM10, High vol	24h, once every 8 days	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.5m3/h	biweekly sampling, 3 monthly analysis	GC-MS
Iceland	bulk, (Steel funnel 1m2/PUF foam)	Biweekly	PUF-foam 1000m^3/15days	Biweekly	GC-MS
Kazakhstan			High Vol.Gelman AE filter + 2 PUR foams. 20m3/h	daily (may 2010)	GC-MS
Latvia			PM10, low volume sampler	Weekly	GC-MS
Moldova			High Vol.Gelman AE filter + 2 PUR foams. 20m3/h	24h a week	GC-MS
Netherlands	bulk	4 weekly	PM10 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. 20m3/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 m3/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	PM10, 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, 2010.

Country	Precipitation		Air and aerosols		Laboratory method	Participate in EMEP lab. Intercomp.[1]
	Field method	Frequency	Field method	Frequency		
Belgium	wet only	weekly	Low volume sampler	daily	ICP-MS	yes
Hg	wet only	weekly	Mercury Ultratracer UT 3000 (monitor)	continously	CV-AFS (precipitation)	
Cyprus	wet only	Daily	High Volume Sampler, quartz fibre filters, ca 700 m^3/day	daily	ICP-MS	no
Czech Republic	Wet only CZ3 Bulk CZ1	Daily Weekly	Filter-1pack	every 2nd day	ICP-MS	yes
Germany	wet only	Weekly	Low volume sampler	weekly	ICP-MS	yes
Hg	wet only	Weekly	TGM : monitor (Tekran) GEM : mercury speciation unit (Tekran) TPM : mercury speciation unit (Tekran) RGM : mercury speciation unit (Tekran)	daily (reported) 1 h (reported) 3 h (5 - 6 values per 24 h) 3 h (5 - 6 values per 24 h)		
Denmark	Bulk	Monthly	Low volume sampler, Millipore RAWP 1.2 μm, 58 m^3/day	daily	Precip: GF-AAS, Aerosols: PIXE	yes
Hg			TGM: monitor (Tekran)	continously		
Estonia	Bulk	EE0009R daily EE0011R weekly		weekly	GF-AAS, Zn: F-AAS	yes
Spain	wet only	Weekly	High-vol, PM_{10}	24h a week	ICP-MS (aerosol) GF-AAS for precip	no
ES1779			High volume, PM_{10},$PM_{2.5}$,PM_1	1 24h filter out of 4 days (1 day sampling, 3 days no)	ICP-AES and ICP-MS	no
Finland	Bulk	Monthly	PM_{10}, Teflon, Millipore Fluoropore 3 μm, 20 l/min	FI17: 2+2+3 days, FI36 and FI37: weekly	ICP-MS	yes
Hg	Bulk	Monthly	Hg: gold traps (TGM) Hg: mini traps (TPM)	2 X 24 h a week weekly	CV-AFS CV-AFS	
France	wet only	biweekly	low volume sampler	biweekly	ICP MS	yes
FR90	Bulk	Monthly			GF-AAS	yes
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

Table 4, cont.

Country	Precipitation		Air and aerosols		Laboratory method	Participate in EMEP lab. Intercomp.[1]
	Field method	Frequency	Field method	Frequency		
Iceland Hg	Bulk	Weekly	High vol. High vol.	Biweekly Biweekly	ICP-MS CV-AAS	(yes)[2]
Latvia	wet only	Weekly	PM_{10}, low volume sampler, 2.3 m^3/h	Weekly	ICP-MS. Hg: CV-AAS	yes
Netherlands Hg	Wet-only Wet-only	weekly Weekly	Low volume sampler	24h every 2 days	ICP-MS CV-AFS	yes
Norway Hg	Bulk Bulk (Hg)	Weekly Monthly	NO42: High Vol, 20 l/h, W41 NO01: PM_{10} KFG 2,3 l/h, quartz TGM: monitor (Tekran)	48h a week Weekly continously	ICP-MS CV-AFS	yes
Poland, PL04 Poland PL05 Hg	Wet-only Bullk 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, Zn:F-AAS AAS-AMAanalyzer	yes yes
Portugal	PT10: Wet-only, PT01,03,04: bulk	Weekly Daily			GF-AAS, Zn: F-AAS	no
Romania		Daily		Filterpack	AAS	no
Sweden Hg	Bulk 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 continously	ICP-MS Precip: CV-AAS, Aerosol: AAS	yes
Slovakia	Wet-only: SK04, SK06, SK07. Bulk: SK02	Monthly, but SK06 since August weekly	SK02. TSP Filter-1pack, Nitrocellulose filters Sartorius 47m: 24-37 m^3/day. SK04, SK06, SK07; 24 m3/day PM10/Partisol R&P.	Weekly	Precipitation:GF-AAS; Zn: F-AAS, As: MHS; Air: ICP-MS	yes

[1] Countries participated in the intercomparison in 2010
[2] Samples shipped to NILU, Norway for analysis
GF-AAS: Graphic Furnace Atomic Absorption Spectroscopy
F-AAS: Furnace Atomic Absorption Spectroscopy
ICP-MS: Inductively Coupled Plasma - Mass Spectrometry
CV-AAS: Cold Vapour Atomic Fluorescence Spectroscopy
XRF: X-ray fluorescence

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 2010 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. The new site in Romania show high concentrations indicating the importance of getting more sites with continuous measurements in this region

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, 1996), 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. Annual averages based on data where more than 50% is below detection limit is marked in italic in Table 5 and Table 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 qbsolute highest level is observed at the dansih site Keldsnor (DK0005) with 4 ng/l, maybe due to some local influence.The second higets level with average concentrations a bit less than 2 ng/l, is seen at single sites in Estonia, Spain and Slovakia. The lowest concentrations of Pb during 2010 are found in the Nordic countries (Figure 4 and Table 5).

3.1.2 Cadmium in precipitation

The lowest cadmium levels are seen in Norway and Great Britain (Figure 5) with concentration level less than 0.01 ng/L. The highest level is observed at sites around the Baltics with concentrations from 0.1 to 0.2 ng/l.

Portugal and Ireland have relativly high level of cadmium (0.1 ng/L), though this is due to high detection limit.

3.1.3 Mercury in precipitation

Compared to lead and cadmium, relatively few stations are measuring mercury in precipitation in Europe, and many of them are related to the OSPARCOM programme. There are several sites (in PT, LV, IE) with high detection limits and these are only giving an indication of upper concentration limit, red dot symbol in Figure 6. There is no clear regional distribution of mercury in precipitation, the highest concentrations are seen at NO0001, BE0014, ES0008, and SE0014 with concentrations between 9 and 10 μg/L, while the lowest leves are seen in Great Britain

3.1.4 Lead in aerosols

Figure 7 presents the annual averages of Pb in air in 2010. The lowest concentrations (below 1.0 ng Pb/m^3) can be seen in the Arctic while the highest levels are in Slovakia an in the BeNeLux countries, concentrations reach 10 ng Pb/m^3.

3.1.5 Cadmium in aerosols

Cadmium in aerosols is presented in Figure 8. The lowest concentrations (below 0.01 ng Cd/m^3) are reported from the Arctic sites. For cadmium in air the highest levels are seen in Denmark and Romania with annual averages around 0.4 ng Cd/m^3. The second highest levels are seen at sites in Slovakia, Hungary and in the BeNeLux area, with annual average around 0.2 ng Cd/m^3.

3.1.6 Mercury in air

The spatial distribution of elemental mercury in air does not follow any regional pattern; the highest annual averages are seen at sites in Germany and Norway while the lowetst in Czech republic and Belgium. For mercury in aerosol the concentrations are even more scattered and incomparable, however, particulate mercury is difficult to measure and most probably the methodologies used are not directly comparable.

Table 5: Annual average concentration of heavy metals in precipitation in 2010 (μg/l, Hg in ng/l).

Code	Pb	Cd	Zn	Hg	Ni	As	Cu	Co	Cr	Mn	V	Fe	Al	mm	mm Hg
BE0014R	0.92	*0.030*	*6.0*	9	0.39	*0.12*	4.71	-	0.43	4.0	-	13	-	707	681
CZ0001R	1.21	0.048	15.2	-	*0.58*	-	-	-	-	2.9	-	-	-	887	
CZ0003R	*0.42*	0.063	*6.8*	-	*0.63*	-	-	-	-	*0.4*	-	-	-	878	
DE0001R	0.61	0.020	8.3	4	0.46	0.08	-	0.02	0.17	1.5	0.25	11	-	745	748
DE0002R	0.64	0.023	3.8	5	0.20	0.07	0.85	0.02	0.09	1.7	0.21	14	-	733	763
DE0003R	0.54	0.016	3.2	5	0.24	0.05	1.09	0.01	0.08	1.0	0.16	9	-	1689	1631
DE0007R	1.17	0.031	6.6	-	-	0.12	1.32	0.02	0.09	2.3	0.23	17	-	675	
DE0008R	0.66	0.026	8.0	5	-	0.07	1.15	0.02	0.15	1.3	0.17	11	-	1212	1242
DE0009R	0.90	0.033	9.4	6	0.44	0.08	-	0.01	0.16	2.5	0.26	10	-	762	734
DK0005R	4.03	0.154	11.4	-	0.38	0.09	1.48	-	1.03	-	-	-	-	506	
DK0008R	0.79	0.035	10.0	-	0.37	0.16	0.84	-	0.19	-	-	-	-	592	
DK0022R	0.57	0.023	5.2	-	0.16	0.09	0.83	-	0.18	-	-	-	-	792	
DK0031R	0.47	0.020	7.1	-	0.16	0.08	0.56	-	0.10	-	-	-	-	711	
EE0009R	*0.58*	0.075	*6.8*	-	-	*0.50*	8.01	-	-	-	-	-	-	661	
EE0011R	*1.93*	0.211	*6.7*	-	-	-	*4.16*	-	-	-	-	-	-	730	
ES0008R	1.29	*0.034*	59.3	10	*0.93*	0.09	13.40	-	1.13	-	-	-	-	545	545
ES0009R	1.75	0.045	57.9	-	*1.73*	0.08	12.44	-	2.05	-	-	-	-	659	
FI0008R	0.20	0.066	1.2	-	0.53	0.06	1.19	0.02	0.06	1.5	0.11	9	5	424	
FI0017R	1.35	0.108	5.8	-	0.29	0.14	1.43	0.03	0.12	3.2	0.42	64	37	468	
FI0022R	0.56	0.097	3.0	-	0.22	0.12	1.33	0.02	0.10	2.1	0.20	14	10	455	
FI0036R	0.30	0.050	1.9	-	0.19	0.05	1.09	0.01	0.06	2.1	0.15	12	5	442	
FI0053R	0.61	0.062	3.5	-	0.22	0.07	1.05	0.05	0.12	2.8	0.42	24	14	414	
FI0092R	0.69	0.080	3.1	-	0.17	0.07	0.89	0.01	0.07	1.6	0.18	14	9	569	
FI0093R	0.67	0.054	3.0	-	0.19	0.08	0.88	0.02	0.07	2.6	0.24	18	13	523	
FR0090R	0.61	0.027	4.1	-	0.35	0.17	0.10	-	*0.10*	-	-	-	-	1165	
GB0013R	0.24	0.007	1.6	4	0.24	0.07	0.38	-	*0.03*	-	-	-	-	1024	892
GB0017R	0.78	0.018	4.9	5	0.56	0.12	0.67	-	0.06	-	-	-	-	620	498
GB0048R	0.34	0.009	3.1	3	-	0.08	0.35	0.010	*0.04*	0.9	0.16	-	-	751	633
GB0091R	0.46	0.014	2.6	5	0.25	0.12	0.33	-	0.04	-	-	-	-	797	797
HU0002R	1.11	0.039	-	-	-	-	-	-	-	-	-	-	-	1065	
IE0001R	*0.42*	*0.102*	28.6	*35*	*0.38*	*0.35*	3.46	-	*0.35*	4.0	*0.35*	-	16	1328	1328
IS0090R	0.24	0.015	13.4	-	2.01	0.20	4.30	-	0.58	4.6	1.26	169	181	479	
IS0091R	0.18	0.023	6.2	-	0.30	0.05	0.79	-	0.11	1.7	0.24	63	51	378	
LV0010R	*0.83*	*0.096*	-	*38*	*1.18*	*0.31*	-	-	-	-	-	-	-	956	956
NL0009R	0.46	0.020	*3.7*	-	*0.21*	*0.09*	0.73	-	*0.27*	-	-	-	-	670	
NL0091R	0.64	0.024	*3.8*	8	*0.22*	*0.08*	0.77	-	*0.26*	-	-	-	-	779	95
NO0001R	0.91	0.039	*4.3*	9	*0.20*	0.18	0.54	*0.02*	*0.13*	-	0.51	-	-	1056	1113
NO0039R	0.14	0.009	*3.7*	-	-	-	-	-	-	-	-	-	-	1358	
NO0056R	1.33	0.030	*8.9*	-	-	-	-	-	-	-	-	-	-	771	
PL0004R	0.68	0.044	6.3	-	0.30	-	1.25	-	0.17	-	-	-	-	908	
PL0005R	0.44	0.047	4.1	-	0.27	0.34	1.00	-	0.08	-	-	-	-	541	
PT0002R	*0.23*	*0.100*	6.7	*26*	*0.20*	*0.10*	*0.77*	-	*0.18*	-	-	-	-	991	991
SE0005R	0.41	0.028	4.8	7	0.18	0.07	0.53	0.02	0.16	5.7	0.20	-	-	505	473
SE0011R	0.73	0.104	9.7	8	0.30	0.22	1.44	0.04	0.20	11.0	0.52	-	-	540	615
SE0014R	0.57	0.090	11.0	9	0.35	0.29	1.92	0.03	0.49	4.4	0.93	-	-	560	561
SI0008R	*0.39*	*0.019*	*1.7*	4	*0.17*	*0.07*	*0.44*	-	*0.16*	-	-	-	-	1539	1651
SK0002R	1.86	0.069	23.7	-	0.32	0.19	0.94	-	0.16	-	-	-	-	1145	
SK0004R	1.27	0.095	9.9	-	0.30	0.12	1.23	-	0.08	-	-	-	-	1027	
SK0006R	0.95	0.046	10.0	-	0.41	0.10	0.93	-	0.09	-	-	-	-	967	
SK0007R	0.95	0.039	5.7	-	0.25	0.13	0.63	-	0.22	-	-	-	-	873	

Italic data means more than 50% of the data is below the detection limit
Grey shades means reported data but data completness less than 70%

Table 6: Annual average concentration of heavy metals in air in 2010 (ng/m^3).

Code	Pb	Cd	Zn	Hg (air)	Hg (part)	Ni	As	Cu	Co	Cr	Mn	V	Fe	Al
BE0013R	-	-	-	0.61		-	-	-	-	-	-	-	-	-
BE0014R	8.06	0.258	23.4	-		4.41	0.74	4.8	-	3.43	9.52	-	-	-
CY0002R	6.54	0.149	33	-	0.04	2.22	0.22	0.64	-	1.74	14.8	46.7	716	1312
CZ0001R	4.88	0.185	-	-		0.4	0.76	1.97	-	-	2.9	-	-	-
CZ0003R	4.83	0.187	-	0.47	0.02	1	0.81	1.82	-	-	4.68	-	-	-
DE0001R	3.13	0.09	10.5	-		1.5	0.35	2.05	0.06	-	2.22	1.77	78	-
DE0002R	6.08	0.161	17.8	1.66	10.4	-	0.57	2.54	0.05	-	3.19	0.96	101	-
DE0003R	2.06	0.059	15.2	1.60		0.7	0.16	1.64	-	-	3.23	0.42	91	-
DE0007R	6.31	0.176	19.9			1.17	0.67	2.60	0.06		2.88	1.01	77	-
DE0008R	3.06	0.083	11.5	1.69		0.8	0.29	1.76	0.04	-	2.06	0.42	70	-
DE0009R	4.44	0.123	14.6	1.62		1.8	0.44	1.92	0.06	-	2.2	2.64	65	-
DK0005R	3.46	0.429	-	-		2.1	0.41	-	-	-	-	-	-	-
DK0008R	1.84	0.226	-	-		1.4	0.28	-	-	-	-	-	-	-
DK0010G	0.26	0.007	0.4	1.45		0.1	0.03	-	-	0.02	0.22	-	11	16
DK0012R	2.72	0.418	-	-		0.9	0.62	-	-	-	-	-	-	-
ES0008R	3.73	0.062	13.5	-		1.3	0.14	57.34	-	*0.53*	-	-	-	-
ES0009R	1.33	0.02	5	-		0.6	0.11	2.56	-	*1.01*	-	-	-	-
ES1778R	2.26	0.063	9.4	-		1.22	0.18	2.89	0.1	1.12	4.01	2.1	178	299
FI0017R	4	0.135	12.3	-		1.1	0.35	1.15	0.06	0.38	2.63	2.14	88	54
FI0036R	0.8	0.027	2.1	1.37	1.6	0.4	0.12	0.4	0.02	0.07	0.4	0.49	13	6
FI0037R	1.54	0.065	5.8	-		0.4	0.21	0.47	0.04	0.14	1.25	0.63	36	20
FR0009R	4.84	0.123	19.7	-		0.9	0.22	2.58	-	1.66	-	-	-	-
FR0013R	2.72	0.061	10.3	-		0.8	0.2	1.87	-	1.65	-	-	-	-
GB0013R	3.23	0.063	*5.3*	-	0.9	0.7	0.51	1.52	-	*0.64*	-	-	-	-
GB0017R	5.14	0.097	8.3	-	0.6	1.1	0.5	2.05	-	*0.91*	-	-	-	-
GB0048R	2.52	0.046	*4.7*	0.63	0.7	-	0.29	1.96	*0.03*	*0.47*	1.15	0.68	-	-
GB0091R	2.75	0.057	*4*	-	2.4	0.5	0.29	1.25	-	*0.42*	-	-	-	-
HU0002R	7.46	0.269	-	-		-	-	-	-	-	-	-	-	-
IS0002R	-	-	-	-		-	-	-	-	-	-	-	170	-
LV0010R	5.97	0.166	-	-		*1.6*	0.33	-	-	-	-	-	-	-
NL0008R	8.13	*0.205*	35	-		1.7	0.53	-	-	-	-	-		-
NL0009R	5.34	*0.163*	27.8	-		1.4	*0.4*	-	-	-	-	-	-	-
NL0010R	8.89	*0.232*	41.8	-		1.4	0.58	-	-	-	-	-	-	-
NO0002R	1.88	0.04	4.1	1.66		0.5	0.18	0.82	0.03	*0.39*	-	0.61	-	-
NO0042G	0.38	0.014	1	1.56		0.1	0.05	0.17	0.01	*0.1*	0.45	0.1	-	-
NO0090R	0.58	0.017	1.3	1.67		0.3	0.07	0.53	0.01	*0.44*	0.38	0.25	-	-
PL0005R	4	0.137	15.8	1.28		0.6	0.3	0.85	-	0.48	-	-	-	-
RO0008R	3.77	0.408	-	-		1.8	0.23	-	-	-	-	-	-	-
SE0005R	*0.33*	*0.015*	*1.4*	1.43		*0.5*	*0.01*	*0.05*	*0*	*0.93*	*0.11*	*0.06*	-	-
SE0011R	1.35	0.046	5.3	1.43		0.5	0.16	0.72	0.02	*0.21*	1.14	0.87	-	-
SE0012R	1.8	0.065	6.1	-		0.5	0.29	0.59	0.03	*0.13*	1.66	0.95	-	-
SE0014R	1.11	*0.032*	4.8	1.48	7.2	*0.5*	0.1	0.51	0.01	*0.93*	0.79	0.79	-	-
SI0008R	2.98	0.099	23	-		1.8	0.34	1.08	-	*1.95*	-	-	*39*	62
SK0002R	1.35	0.042	3.7	-		0.4	0.27	0.86	-	0.74	-	-	-	-
SK0004R	6.32	0.182	14.3	-		0.44	0.64	2.28	-	0.72	-	-	-	-
SK0006R	5.98	0.203	11.7	-		0.62	0.56	1.65	-	0.94	-	-	-	-
SK0007R	10.4	0.286	20	-		0.71	1.25	3.33	-	1	-	-	-	-

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

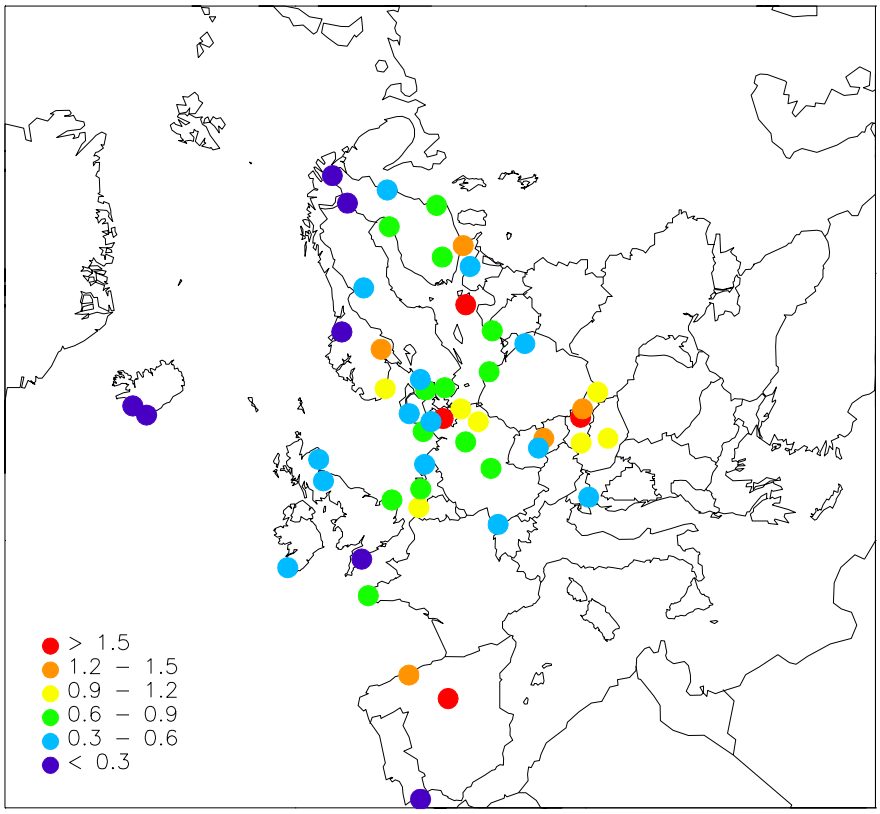

Figure 4: Lead in precipitation, 2010 (µg/l).

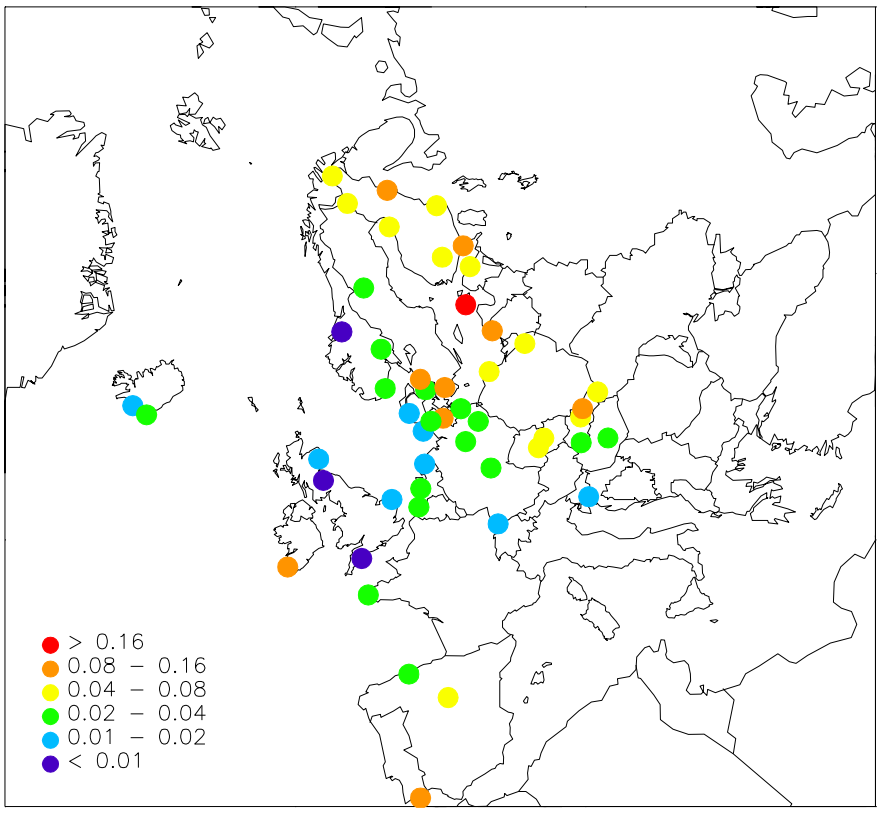

Figure 5: Cadmium in precipitation, 2010 (µg/l).

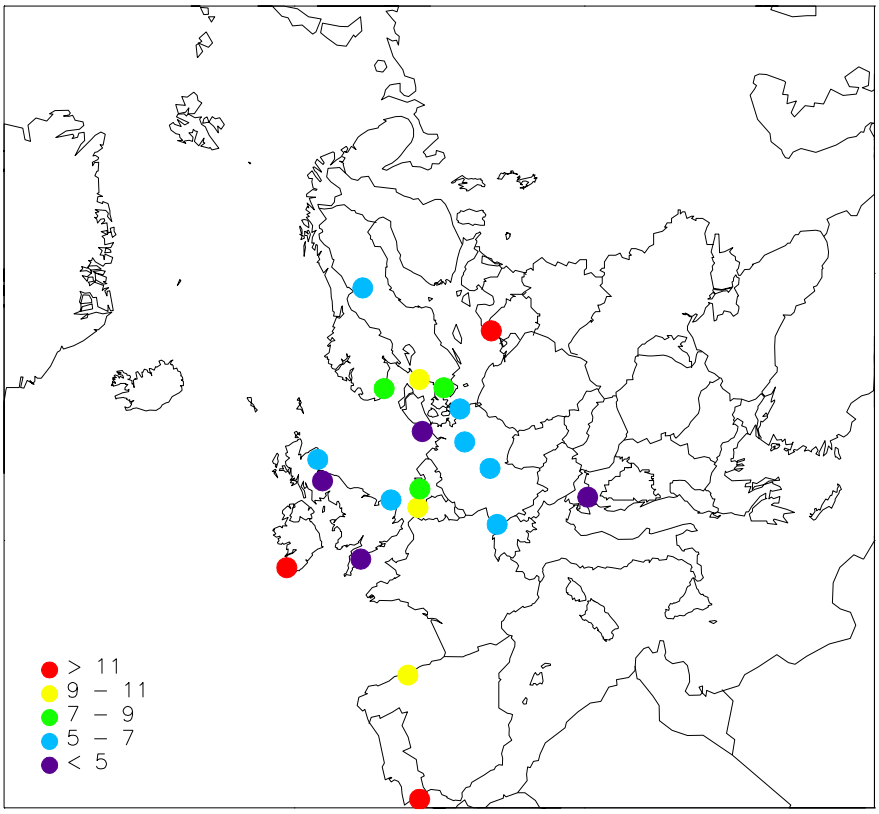

Figure 6: Mercury in precipitation, 2010(ng/l).

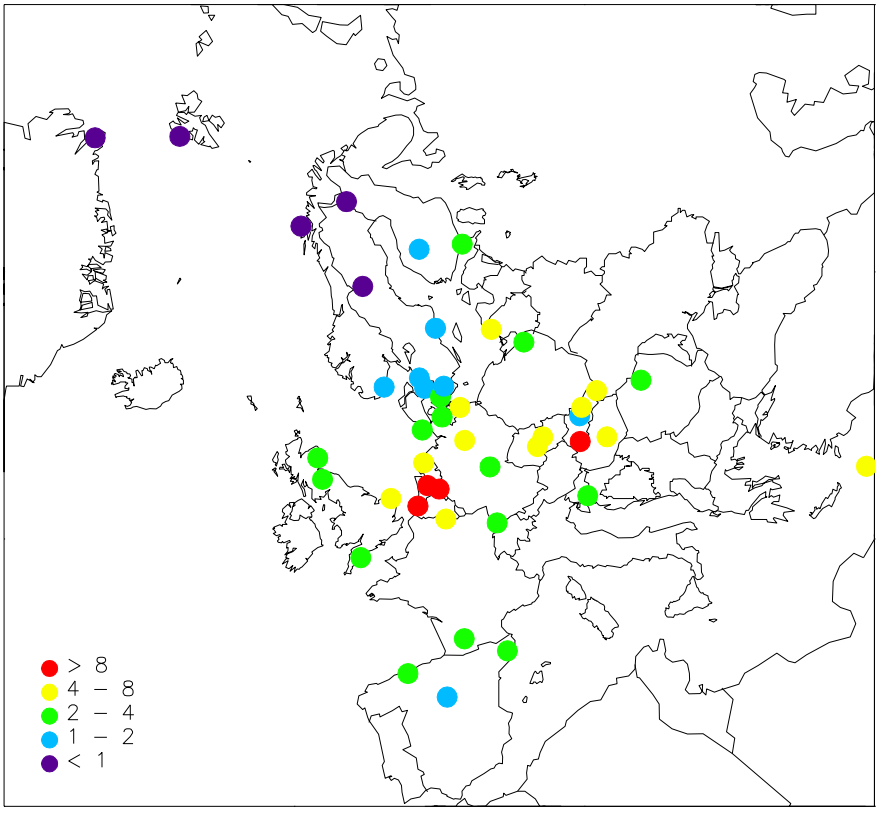

Figure 7: Lead in aerosols, 2010 (ng/m³). Note that Cyprus is misplaced to get it inside the map.

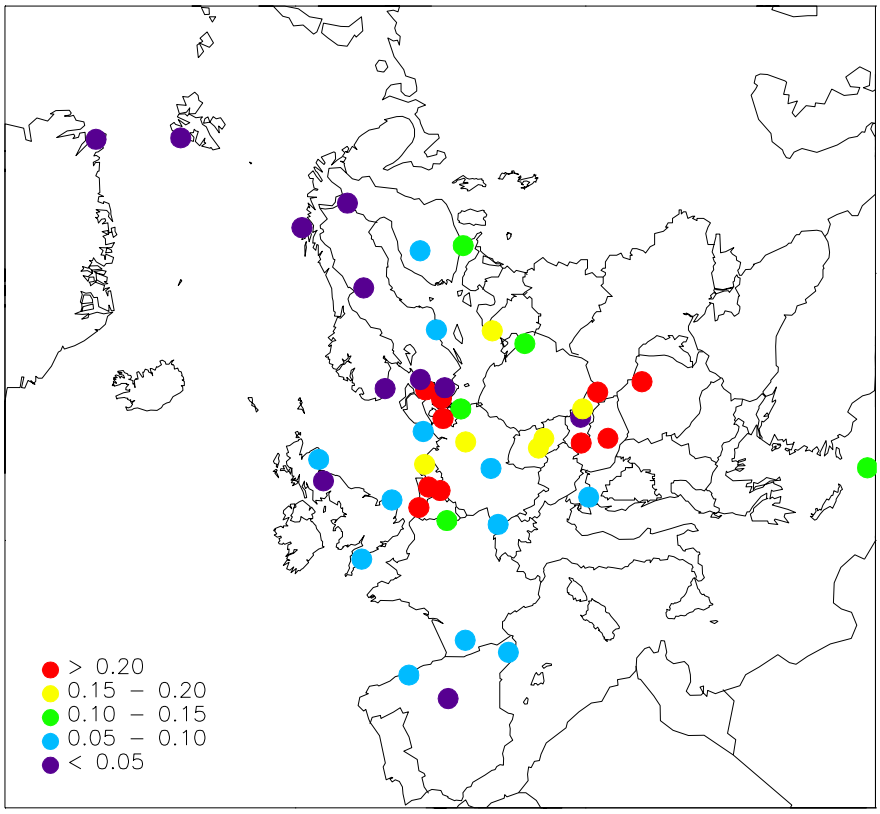

Figure 8: Cadmium in aerosols, 2010 (ng/m³). Note that Cyprus is misplaced to get it inside the map.

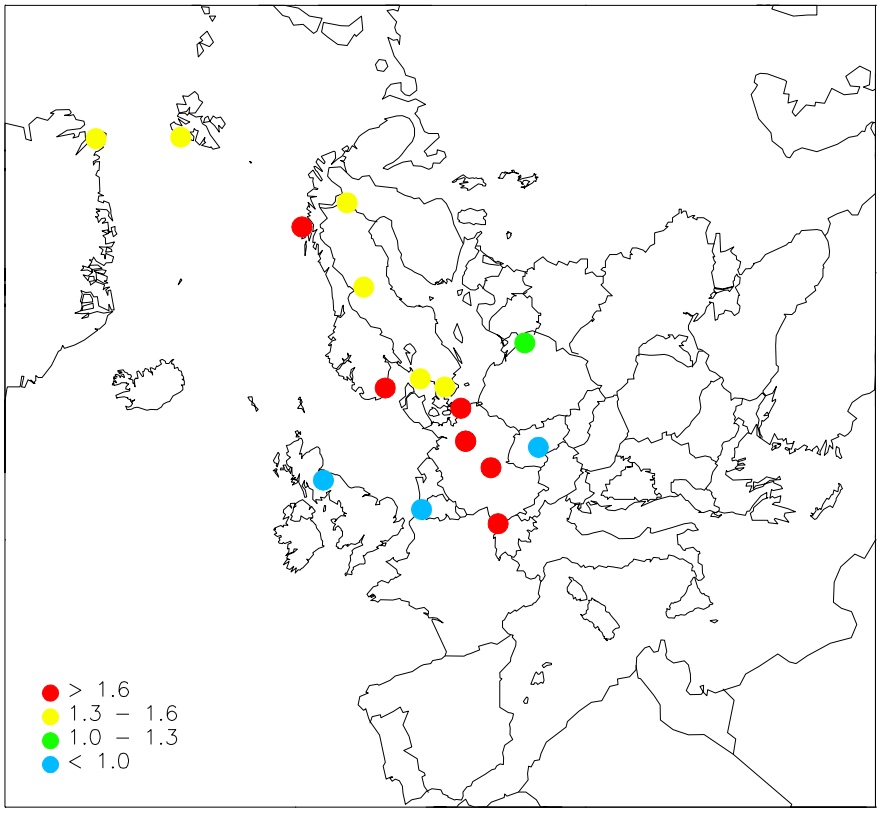

Figure 9: Mercury in air, 2010 (ng/m³).

3.2 Concentrations of POPs

It is generally difficult to give full credit to the information content in the POP data. Different sampling and analysis techniques make it difficult to compare data, especially for precipitation. For example, precipitation in Sweden, Finland, Slovenia and campaign measurements from Spain are measured as total deposition, and the results are given in deposition rates (ng/m^2 day). To compare the spatial pattern in Europe, only air concentrations are therefore used. High detection limit can also be a problem. These are difficult to compare with more regular precipitation measurements. See Annex 3 and 4 for details.

Figure 10–Figure 21 show maps with annual averaged air concentrations of some of the main PAHs, PCBs and pesticides. In general the concentrations decrease from south to north, except for α-HCH where concentrations at two sites in the high Arctic are evaluated. The concentrations in the Czech Republic and Moldova (new site) are much higher than those observed in the Nordic countries for many POPs. For PCB this is explained by the high historical usage of these compunds 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.

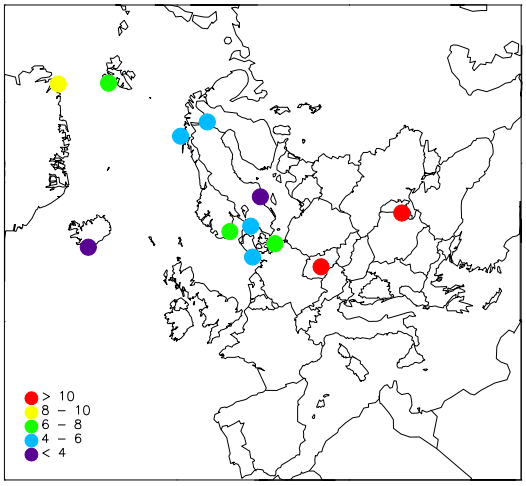

Figure 10: α-HCH in air, 2010 (pg/m^3).

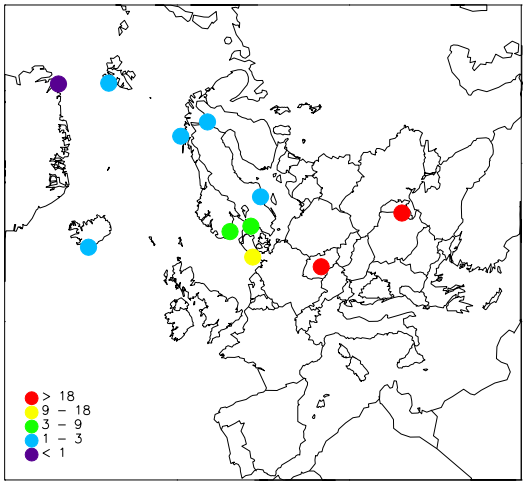

Figure 11: γ– HCH in air, 2010 (pg/m^3).

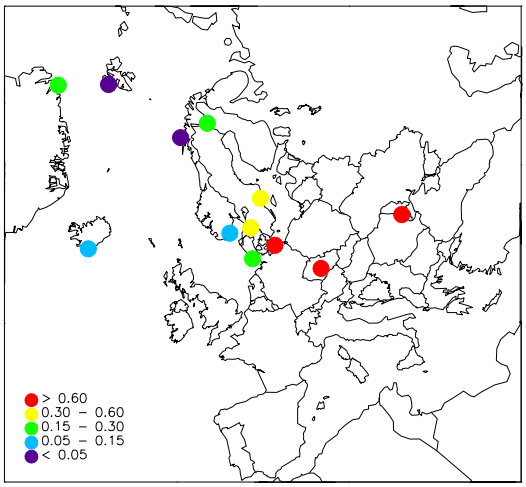

Figure 12: pp-DDD in air, 2010 (pg/m^3).

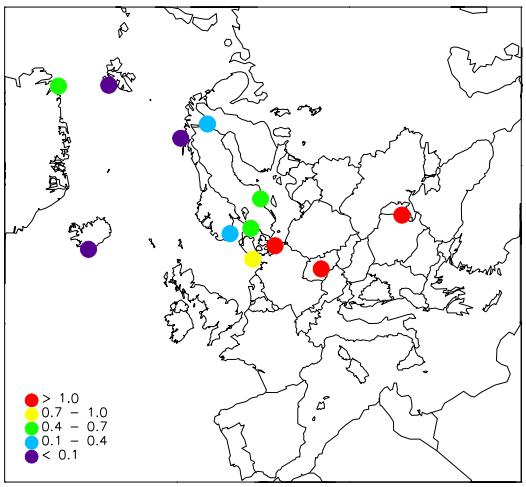

Figure 13: pp-DDT in air, 2010 (pg/m^3).

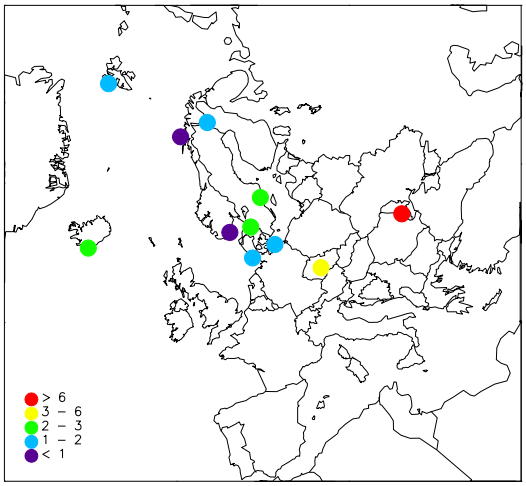

Figure 14: PCB-28 in air, 2010 (pg/m^3).

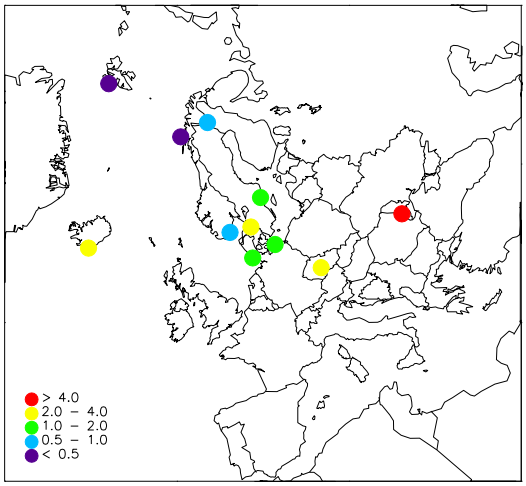

Figure 15: PCB-101 in air, 2010 (pg/m^3).

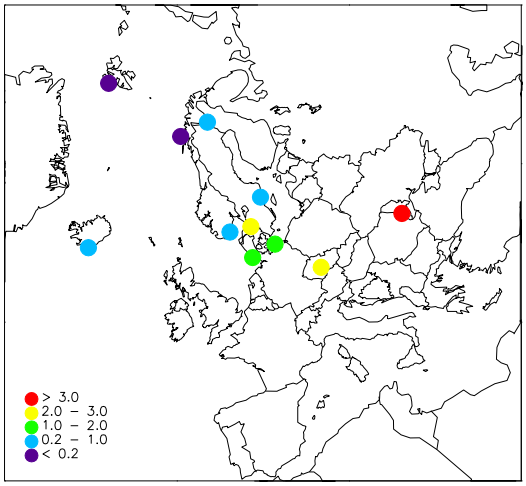

Figure 16: PCB-153 in air, 2010 (pg/m^3).

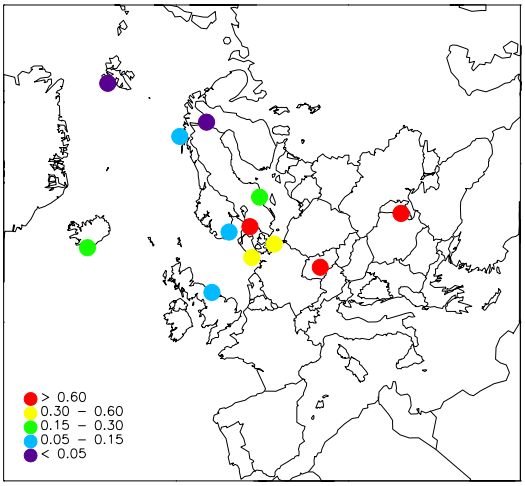

Figure 17: PCB-180 in air, 2010 (pg/m^3).

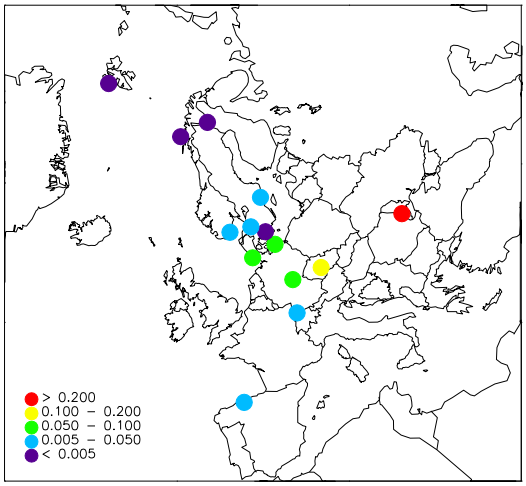

Figure 18: Anthracene in air, 2010 (ng/m^3).

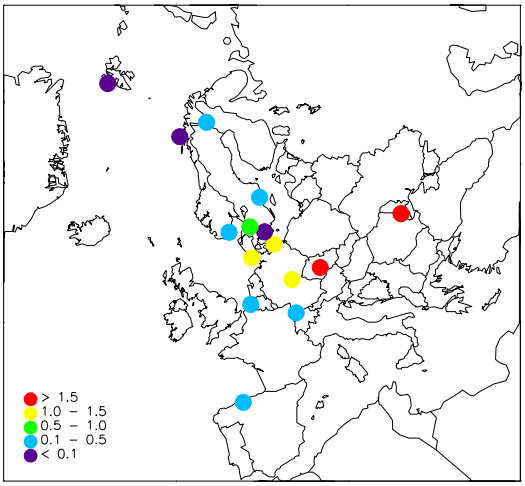

Figure 19: Fluoranthene in air, 2010 (ng/m^3).

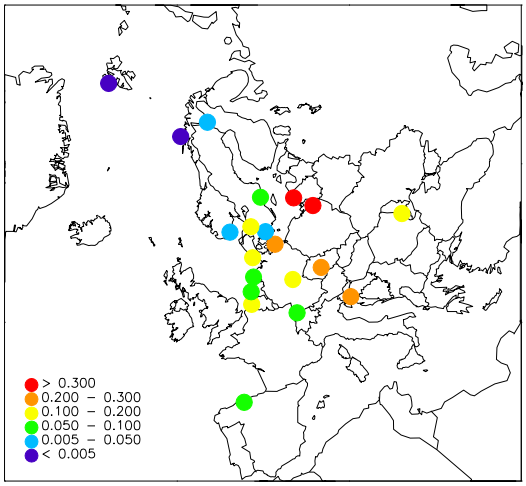

Figure 20: Benzo-a-pyrene (BaP) in air, 2010 (ng/m^3).

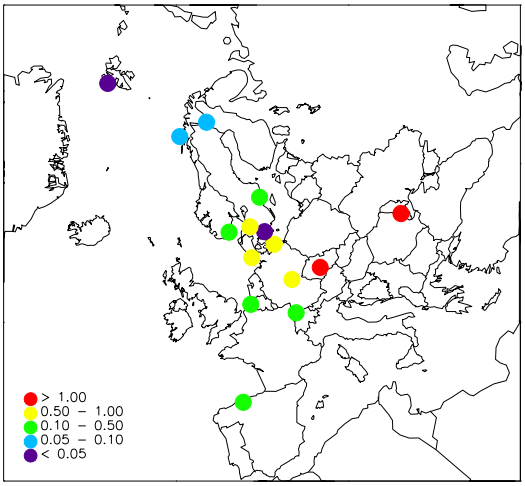

Figure 21: Pyrene in air, 2010 (ng/m^3).

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:

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

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

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

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

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

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

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

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

$$\overline{lnc} = \frac{1}{N} \cdot \sum_i lnc_i$$
$$\overline{c_g} = exp(\overline{lnc})$$

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

$$sd_g = exp(sdlnc)$$

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

5%, 50%, 95% — is the 5, 50 and 95 percentile, 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	$\mu g/m^2$
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 10 September 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. There are relatively few stations in the Mediterranean region and the most eastern part of Europe for both heavy metal and POP measurement.

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 2010, 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
Belgium	Flemish Environment 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	Department of Environmental Science, Aarhus University	Thomas Ellermann, Rune Keller
Estonia	Estonian Environmental Research Centre	Kristi Selmet, Naima Kabral
Finland	Finnish Meteorological Institute	Mika Vestenius, Katriina Kyllönen
France	Université de Bretagne	Jean Yves Cabon
	Ecole des Mines de Douai	Stéphane Sauvage
Germany	Umweltbundesamt, Langen	Elke Bieber
Great Britain	AEA Technology and	Keith Vincent
	Centre for Ecology & Hydrology (CEH), Edinburgh	Heath M. Malcolm
Hungary	Hungarien Meterological Service	Krisztina Labancz, Zita Ferenczi
Iceland	The Icelandic Meteorological Office	Arni Sigurdsson
Ireland	Environmental Protection Agency (EPA)	Ciaran O'Donnell
Kazakhstan	Kazhydromet, Astana	
Latvia	Latvian Environment, Geology and Meteorology Centre	Iveta Dubakova
Moldova	Ministry of Ecology and Natural Resources, The State Hydrometeorological Service	Violeta Balan
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	Barbara Obminska
	PL05: Institute of Environmental Protection	Anna Degorska
Portugal	Meteorological Institute, Ministerio da Ciencia, Tecnologia e Ensino Superier	Diamantino Henriques
Romania	National Environmental Protection Agency	Patricia Lungu
Slovakia	Slovakian Hydrometereological Institute	Marta Mitosinkova
Slovenia	Environmental Agency of the Republic of Slovenia	Marijana Murovec
Spain	Ministero de Agricultura, Alimentación y Media Ambiente	Alberto Moral González
	ES1778: Institute of Environmental Assessment and Water Research (IDÆA-CSIC)	Andrés Alastuey
Sweden	IVL Swedish Environmental Research Institute	Karin Sjöberg, Ingvar Wängberg

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Annex 1

Annual statistics for heavy metals in precipitation

BE0014R Koksijde

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.12	0.07	2.03	81.1	100.0	34	40
Cd	precip	0.03	0.01	0.20	21.1	100.0	23	40
Cr	precip	0.43	0.15	2.13	302.5	100.0	15	40
Cu	precip	4.71	0.65	34.73	3326.5	100.0	0	40
Fe	precip	12.87	5.00	73.61	9100.3	100.0	16	40
Hg	precip	9.04	2.63	26.45	6100.7	100.0	0	44
Mn	precip	4.00	0.57	21.71	2826.5	100.0	0	40
Ni	precip	0.39	0.07	2.20	277.8	100.0	3	40
Pb	precip	0.92	0.15	7.60	649.8	100.0	0	40
Zn	precip	6.02	3.07	34.60	4258.3	100.0	31	40

CZ0001R Svratouch

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Cd	precip	0.05	0.01	1.08	42.1	99.9	12	49
Mn	precip	2.85	0.55	15.10	2529.5	99.9	0	49
Ni	precip	0.58	0.50	3.80	514.0	99.9	37	49
Pb	precip	1.21	0.25	17.73	1072.0	99.9	6	49
Zn	precip	15.19	4.50	821.00	13468.7	93.8	12	49

CZ0003R Kosetice

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Cd	precip	0.06	0.01	1.10	55.0	78.1	20	60
Mn	precip	0.43	0.15	3.49	375.3	39.7	23	24
Ni	precip	0.63	0.50	5.03	553.0	78.1	50	60
Pb	precip	0.42	0.25	2.51	369.9	78.1	44	60
Zn	precip	6.76	4.50	36.08	5938.6	69.4	50	56

DE0001R Westerland

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.08	0.03	0.29	56.9	100.0	0	47
Cd	precip	0.02	0.00	0.17	15.1	100.0	0	47
Co	precip	0.02	0.00	0.17	13.1	100.0	0	47
Cr	precip	0.17	0.07	1.10	124.0	100.0	0	47
Fe	precip	11.29	2.70	87.30	8408.8	100.0	0	47
Hg	precip	4.35	0.60	21.10	3256.1	100.0	0	48
Mn	precip	1.50	0.31	11.88	1117.7	100.0	0	47
Ni	precip	0.46	0.12	2.47	344.3	100.0	0	47
Pb	precip	0.61	0.07	4.65	455.7	100.0	0	47
V	precip	0.25	0.09	1.31	185.6	100.0	0	47
Zn	precip	8.33	1.20	30.90	6202.1	99.9	0	46
Sb	precip	0.06	0.01	0.42	43.9	100.0	0	47
Tl								

DE0002R Waldhof

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.07	0.02	0.37	49.6	99.6	0	46
Cd	precip	0.02	0.01	0.14	17.1	99.8	0	47
Co	precip	0.02	0.00	0.14	12.9	99.8	0	47
Cr	precip	0.09	0.02	0.56	65.4	97.0	0	46
Cu	precip	0.85	0.28	4.51	623.2	99.8	0	47
Fe	precip	13.64	2.00	186.60	9996.0	99.8	0	47
Hg	precip	5.07	1.90	14.60	3869.1	100.0	0	51
Mn	precip	1.74	0.28	19.26	1274.6	99.8	0	47
Ni	precip	0.20	0.06	1.03	145.3	97.0	0	46
Pb	precip	0.64	0.17	3.34	468.6	99.8	0	47
V	precip	0.21	0.05	1.74	151.7	99.8	0	47
Zn	precip	3.78	1.23	17.06	2773.0	99.8	0	47
Sb	precip	0.06	0.02	0.35	46.2	99.8	0	47
Tl	precip	0.01	0.00	0.04	4.8	99.8	0	47

DE0003R Schauinsland

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.05	0.01	0.34	85.9	99.9	0	48
Cd	precip	0.02	0.00	0.11	26.9	99.9	0	48
Co	precip	0.01	0.00	0.15	23.1	99.9	0	48
Cr	precip	0.08	0.03	0.42	130.6	99.9	0	48
Cu	precip	1.09	0.17	5.75	1845.3	99.9	0	48
Fe	precip	9.18	0.90	127.30	15506.6	99.9	0	48
Hg	precip	5.05	1.30	31.90	8229.3	100.0	0	50
Mn	precip	0.96	0.10	12.07	1629.7	99.9	0	48
Ni	precip	0.24	0.04	1.59	401.7	99.9	0	48
Pb	precip	0.54	0.07	5.27	911.5	99.9	0	48
V	precip	0.16	0.03	1.19	266.0	99.9	0	48
Zn	precip	3.16	1.22	20.33	5335.5	99.9	0	48
Sb	precip	0.07	0.01	0.42	110.2	99.9	0	48
Tl	precip	0.00	0.00	0.03	6.6	99.9	0	48

DE0007R Neuglobsow

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.12	0.03	0.65	77.5	99.7	0	46
Cd	precip	0.03	0.01	0.18	20.9	99.7	0	46
Co	precip	0.02	0.00	0.10	13.1	99.7	0	46
Cr	precip	0.09	0.01	0.61	58.5	99.7	0	46
Cu	precip	1.32	0.37	7.55	891.4	99.7	0	46
Fe	precip	16.56	2.50	53.80	11177.1	99.7	0	46
Mn	precip	2.33	0.39	26.63	1574.7	99.7	0	46
Pb	precip	1.17	0.13	2.98	788.9	99.7	0	46
V	precip	0.23	0.04	1.31	157.0	99.7	0	46
Zn	precip	6.64	1.72	72.99	4483.1	99.7	0	46
Sb	precip	0.08	0.02	0.51	55.7	99.7	0	46
Tl	precip	0.01	0.00	0.04	4.5	99.7	0	46

DE0008R Schmücke

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.07	0.02	0.73	83.5	100.0	0	49
Cd	precip	0.03	0.01	0.32	31.0	100.0	0	49
Co	precip	0.02	0.00	0.15	20.4	100.0	0	49
Cr	precip	0.15	0.03	1.36	182.0	99.8	0	48
Cu	precip	1.15	0.37	7.95	1394.8	99.9	0	48
Fe	precip	10.72	2.79	144.49	12989.8	100.0	0	49
Hg	precip	5.05	1.90	27.60	6275.1	100.0	0	50
Mn	precip	1.26	0.28	16.47	1521.6	100.0	0	49
Pb	precip	0.66	0.22	5.07	797.0	100.0	0	49
V	precip	0.17	0.04	0.88	204.6	100.0	0	49
Zn	precip	7.98	2.47	34.60	9674.8	100.0	0	49
Sb	precip	0.08	0.03	0.44	101.1	100.0	0	49
Tl	precip	0.01	0.00	0.05	6.0	100.0	0	49

DK0005R Keldsnor

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.09	0.00	0.52	47.6	100.0	0	13
Cd	precip	0.15	0.00	0.71	77.7	100.0	0	13
Cr	precip	1.03	0.14	5.95	522.8	100.0	0	13
Cu	precip	1.48	0.95	19.19	750.8	100.0	0	13
Ni	precip	0.38	0.20	19.46	192.0	100.0	0	13
Pb	precip	4.03	0.86	27.04	2036.6	100.0	0	13
Zn	precip	11.37	-1.30	140.08	5750.1	100.0	1	13

DK0008R Anholt

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.16	0.07	0.32	94.3	100.0	0	12
Cd	precip	0.04	0.01	0.11	20.9	100.0	0	12
Cr	precip	0.19	0.05	0.52	109.9	100.0	0	12
Cu	precip	0.84	0.26	5.49	495.3	100.0	0	12
Ni	precip	0.37	0.05	1.43	218.2	100.0	0	12
Pb	precip	0.79	0.27	2.20	466.1	100.0	0	12
Zn	precip	9.95	3.87	34.00	5895.8	100.0	0	12

DK0022R Sepstrup Sande

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.09	0.05	0.33	71.7	100.0	0	12
Cd	precip	0.02	0.01	0.12	18.2	100.0	0	12
Cr	precip	0.18	0.04	2.55	142.9	100.0	0	12
Cu	precip	0.83	0.30	4.94	660.4	100.0	0	12
Ni	precip	0.16	0.09	0.28	124.8	100.0	0	12
Pb	precip	0.57	0.29	2.92	449.3	100.0	0	12
Zn	precip	5.17	1.86	20.13	4094.3	100.0	0	12

DK0031R Ulborg

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.08	0.03	0.18	54.8	100.0	0	12
Cd	precip	0.02	0.01	0.08	13.9	100.0	0	12
Cr	precip	0.10	0.03	0.21	70.2	100.0	0	12
Cu	precip	0.56	0.18	1.71	397.4	100.0	0	12
Ni	precip	0.16	0.06	0.31	111.5	100.0	1	12
Pb	precip	0.47	0.22	0.81	331.3	100.0	0	12
Zn	precip	7.09	2.83	26.47	5043.4	100.0	0	12

EE0009R Lahemaa

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.50	0.50	0.50	330.6	100.0	12	12
Cd	precip	0.07	0.03	0.28	49.4	100.0	0	12
Cu	precip	8.01	0.50	28.70	5293.3	100.0	3	12
Pb	precip	0.58	0.50	1.40	381.2	100.0	10	12
Zn	precip	6.79	5.00	19.08	4488.8	100.0	10	12

EE0011R Vilsandi

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Cd	precip	0.21	0.01	2.10	153.8	100.0	1	12
Cu	precip	4.16	0.50	30.90	3036.8	100.0	6	12
Pb	precip	1.93	0.50	18.90	1410.0	100.0	9	12
Zn	precip	6.70	5.00	54.80	4895.2	100.0	10	12

ES0001R San Pablo de los Montes

15 March 2010 - 11 May 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip+dry_dep	0.21	0.21	0.21	0.2	15.6	0	1
Cd	precip+dry_dep	0.67	0.67	0.67	0.7	15.6	0	1
Cr	precip+dry_dep	0.89	0.89	0.89	0.9	15.6	0	1
Cu	precip+dry_dep	8.83	8.83	8.83	8.8	15.6	0	1
Hg	precip+dry_dep	0.05	0.05	0.05	0.0	15.6	0	1
Ni	precip+dry_dep	1.26	1.26	1.26	1.3	15.6	1	1
Pb	precip+dry_dep	0.76	0.76	0.76	0.8	15.6	0	1
Zn	precip+dry_dep	185.30	185.30	185.30	185.3	15.6	0	1

ES0006R Mahón

18 October 2010 - 12 December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip+dry_dep	0.38	0.38	0.38	0.4	15.1	0	1
Cd	precip+dry_dep	0.15	0.15	0.15	0.1	15.1	0	1
Cr	precip+dry_dep	0.88	0.88	0.88	0.9	15.1	0	1
Cu	precip+dry_dep	14.88	14.88	14.88	14.9	15.1	0	1
Hg	precip+dry_dep	0.01	0.01	0.01	0.0	15.1	0	1
Ni	precip+dry_dep	2.68	2.68	2.68	2.7	15.1	0	1
Pb	precip+dry_dep	2.35	2.35	2.35	2.4	15.1	0	1
Zn	precip+dry_dep	120.65	120.65	120.65	120.7	15.1	0	1

ES0007R Víznar

24 May 2010 - 19 July 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip+dry_dep	0.25	0.25	0.25	0.2	15.3	0	1
Cd	precip+dry_dep	0.11	0.11	0.11	0.1	15.3	0	1
Cr	precip+dry_dep	0.69	0.69	0.69	0.7	15.3	0	1
Cu	precip+dry_dep	12.32	12.32	12.32	12.3	15.3	0	1

ES0008R Niembro

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.09	0.02	0.91	50.4	100.0	9	49
Cd	precip	0.03	0.02	0.26	18.4	100.0	36	49
Cr	precip	1.13	0.10	22.52	617.8	100.0	1	49
Cu	precip	13.40	3.11	86.64	7308.1	100.0	0	49
Hg	precip	9.59	2.50	35.36	5229.9	97.5	6	40
Ni	precip	0.93	0.52	13.75	504.1	100.0	25	49
Pb	precip	1.29	0.21	19.03	706.3	100.0	0	49
Zn	precip	59.29	7.95	400.81	32325.4	100.0	0	49

11 January 2010 - 8 March 2010

As	precip+dry_dep	0.24	0.24	0.24	0.2	15.3	0	1
Cd	precip+dry_dep	2.12	2.12	2.12	2.1	15.3	0	1
Cr	precip+dry_dep	0.32	0.32	0.32	0.3	15.3	1	1
Cu	precip+dry_dep	12.15	12.15	12.15	12.2	15.3	0	1
Hg	precip+dry_dep	0.04	0.04	0.04	0.0	15.3	0	1
Ni	precip+dry_dep	1.54	1.54	1.54	1.5	15.3	1	1
Pb	precip+dry_dep	44.55	44.55	44.55	44.5	15.3	0	1
Zn	precip+dry_dep	195.68	195.68	195.68	195.7	15.3	0	1

ES0009R Campisabalos

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.08	0.02	0.66	49.8	99.9	14	44
Cd	precip	0.04	0.02	0.81	29.5	99.9	6	44
Cr	precip	2.05	0.10	9.54	1349.6	99.9	1	44
Cu	precip	12.44	1.35	163.18	8202.1	99.9	0	44
Ni	precip	1.73	0.52	100.16	1138.2	99.9	26	44
Pb	precip	1.75	0.17	15.78	1151.3	99.9	0	44
Zn	precip	57.90	13.03	613.65	38181.7	99.9	0	44

ES0014R Els Torms

12 August 2010 - 28 Septmber 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip+dry_dep	0.05	0.05	0.05	0.1	15.6	0	1
Cd	precip+dry_dep	0.05	0.05	0.05	0.1	15.6	0	1
Cr	precip+dry_dep	0.31	0.31	0.31	0.3	15.6	0	1
Cu	precip+dry_dep	4.82	4.82	4.82	4.8	15.6	0	1
Hg	precip+dry_dep	0.00	0.00	0.00	0.0	15.6	1	1
Ni	precip+dry_dep	0.03	0.03	0.03	0.0	15.6	1	1
Pb	precip+dry_dep	0.48	0.48	0.48	0.5	15.6	0	1
Zn	precip+dry_dep	66.27	66.27	66.27	66.3	15.6	0	1

FI0008R Kevo

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Al	precip	4.69	1.17	24.33	1989.5	100.0	0	12
As	precip	0.06	0.01	0.28	23.2	100.0	0	12
Cd	precip	0.07	0.01	0.16	28.0	58.7	0	9
Co	precip	0.02	0.00	0.12	7.2	100.0	0	12
Cr	precip	0.06	0.03	0.23	23.1	100.0	0	12
Cu	precip	1.19	0.38	21.70	503.3	100.0	0	12
Fe	precip	8.83	2.18	38.07	3744.3	100.0	0	12
Mn	precip	1.49	0.14	9.95	631.0	100.0	0	12
Ni	precip	0.53	0.07	2.42	226.3	100.0	0	12
Pb	precip	0.20	0.05	0.87	86.1	100.0	0	12
V	precip	0.11	0.03	0.35	47.6	100.0	0	12
Zn	precip	1.20	0.72	4.24	506.4	96.6	0	11

FI0017R Virolahti II

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Al	precip	37.26	7.84	130.08	17443.5	100.0	0	12
As	precip	0.14	0.05	0.34	64.6	100.0	0	12
Cd	precip	0.11	0.05	0.17	50.6	88.0	0	10
Co	precip	0.03	0.01	0.09	15.7	100.0	0	12
Cr	precip	0.12	0.06	0.29	56.1	100.0	0	12
Cu	precip	1.43	0.60	3.53	668.0	100.0	0	12
Fe	precip	64.14	9.75	286.89	30030.1	100.0	0	12
Mn	precip	3.24	0.64	9.31	1517.3	100.0	0	12
Ni	precip	0.29	0.09	0.83	138.2	100.0	0	12
Pb	precip	1.35	0.50	2.98	632.4	100.0	0	12
V	precip	0.42	0.15	1.12	195.0	100.0	0	12
Zn	precip	5.81	2.24	11.42	2720.1	100.0	0	12

FI0022R Oulanka

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Al	precip	9.80	1.82	25.78	4463.0	100.0	0	12
As	precip	0.12	0.04	0.31	54.8	100.0	0	12
Cd	precip	0.10	0.01	0.25	44.2	83.3	0	10
Co	precip	0.02	0.00	0.03	7.2	100.0	0	12
Cr	precip	0.10	0.03	0.17	46.5	100.0	0	12
Cu	precip	1.33	0.39	8.42	606.6	100.0	0	12
Fe	precip	14.32	3.94	38.70	6518.2	100.0	0	12
Mn	precip	2.12	0.34	4.19	967.3	100.0	0	12
Ni	precip	0.22	0.05	0.47	99.1	100.0	0	12
Pb	precip	0.56	0.14	1.81	254.0	100.0	0	12
V	precip	0.20	0.06	0.42	88.8	100.0	0	12
Zn	precip	3.01	0.73	5.75	1370.9	100.0	0	12

FI0036R Pallas (Matorova)

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Al	precip	5.30	1.36	14.39	2343.0	94.2	0	11
As	precip	0.05	0.02	0.14	22.4	100.0	0	12
Cd	precip	0.05	0.01	0.19	22.0	70.3	0	9
Co	precip	0.01	0.00	0.05	5.5	100.0	0	12
Cr	precip	0.06	0.01	0.12	24.2	100.0	1	12
Cu	precip	1.09	0.53	3.05	482.9	100.0	0	12
Fe	precip	11.66	2.27	45.56	5153.4	100.0	0	12
Mn	precip	2.05	0.27	3.95	904.9	100.0	0	12
Ni	precip	0.19	0.06	0.60	85.0	100.0	0	12
Pb	precip	0.30	0.18	0.72	132.5	100.0	0	12
V	precip	0.15	0.07	0.47	66.2	100.0	0	12
Zn	precip	1.94	0.67	2.93	858.8	90.0	0	11

FI0053R Hailuoto II

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Al	precip	14.24	3.13	44.44	5893.5	100.0	0	12
As	precip	0.07	0.03	0.21	31.2	100.0	0	12
Cd	precip	0.06	0.03	0.13	25.5	63.0	0	9
Co	precip	0.05	0.02	0.15	19.3	100.0	0	12
Cr	precip	0.12	0.04	0.50	50.8	100.0	0	12
Cu	precip	1.05	0.49	2.48	435.1	97.0	0	11
Fe	precip	23.78	6.93	63.52	9838.9	100.0	0	12
Mn	precip	2.84	0.70	7.54	1173.3	100.0	0	12
Ni	precip	0.22	0.08	0.56	89.3	100.0	0	12
Pb	precip	0.61	0.17	2.05	251.0	100.0	0	12
V	precip	0.42	0.17	2.24	172.4	100.0	0	12
Zn	precip	3.52	1.28	7.23	1455.5	100.0	0	12

FI0092R Hietajärvi

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Al	precip	8.94	2.26	46.02	5086.4	100.0	0	12
As	precip	0.07	0.01	0.23	38.4	100.0	0	12
Cd	precip	0.08	0.01	0.27	45.7	83.0	0	11
Co	precip	0.01	0.00	0.06	6.9	100.0	0	12
Cr	precip	0.07	0.03	0.25	41.2	100.0	0	12
Cu	precip	0.89	0.53	1.97	505.8	100.0	0	12
Fe	precip	14.01	4.05	69.45	7972.3	100.0	0	12
Mn	precip	1.61	0.22	6.01	916.0	100.0	0	12
Ni	precip	0.17	0.07	0.77	94.7	100.0	0	12
Pb	precip	0.69	0.17	2.00	390.9	100.0	0	12
V	precip	0.18	0.07	0.53	104.4	100.0	0	12
Zn	precip	3.08	1.08	15.36	1754.5	100.0	0	12

FI0093R Kotinen

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Al	precip	12.57	3.27	78.50	6575.1	100.0	0	12
As	precip	0.08	0.04	0.36	41.7	100.0	0	12
Cd	precip	0.05	0.02	0.25	28.4	71.8	0	9
Co	precip	0.02	0.01	0.08	9.4	100.0	0	12
Cr	precip	0.07	0.03	0.27	34.5	100.0	0	12
Cu	precip	0.88	0.40	2.09	461.2	100.0	0	12
Fe	precip	18.02	5.99	119.08	9426.2	100.0	0	12
Mn	precip	2.61	0.76	10.84	1366.3	100.0	0	12
Ni	precip	0.19	0.08	0.47	98.6	100.0	0	12
Pb	precip	0.67	0.37	3.17	351.3	100.0	0	12
V	precip	0.24	0.12	0.82	123.4	100.0	0	12
Zn	precip	3.00	1.39	9.72	1571.3	100.0	0	12

FR0090R Porspoder

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.17	0.06	0.42	204.1	100.0	0	12
Cd	precip	0.03	0.01	0.05	31.8	100.0	0	12
Cr	precip	0.10	0.04	0.38	113.0	100.0	0	12
Cu	precip	0.10	0.04	0.38	114.1	100.0	0	12
Ni	precip	0.35	0.09	0.78	412.4	100.0	0	12
Pb	precip	0.61	0.23	5.32	712.0	100.0	0	12
Zn	precip	4.07	1.93	8.00	4745.1	100.0	0	12

GB0013R Yarner Wood

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.07	0.02	0.37	75.5	99.6	0	43
Cd	precip	0.01	0.00	0.05	6.7	99.6	7	43
Cr	precip	0.03	0.01	0.24	30.2	99.6	23	43
Cu	precip	0.38	0.10	2.35	386.6	99.6	0	43
Hg	precip	3.95	2.65	13.47	3522.0	100.0	0	11
Ni	precip	0.24	0.03	2.40	243.6	99.6	0	43
Pb	precip	0.24	0.03	3.35	250.8	99.6	3	43
Zn	precip	1.60	0.25	16.30	1635.1	99.6	8	43

GB0017R Heigham Holmes

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.12	0.07	0.17	75.6	76.2	0	9
Cd	precip	0.02	0.01	0.04	11.5	76.2	0	9
Cr	precip	0.06	0.02	0.16	35.0	76.2	5	9
Cu	precip	0.67	0.31	1.51	416.7	76.2	0	9
Hg	precip	5.12	2.41	12.90	2550.3	100.0	0	10
Ni	precip	0.56	0.15	2.24	346.7	76.2	0	9
Pb	precip	0.78	0.34	1.36	484.3	76.2	0	9
Zn	precip	4.88	1.90	18.00	3025.1	76.2	0	9

GB0048R Auchencorth Moss

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.08	0.03	0.24	58.9	99.1	0	38
Cd	precip	0.01	0.00	0.07	7.0	99.1	2	38
Co	precip	0.01	0.00	0.10	7.6	99.1	11	38
Cr	precip	0.04	0.02	0.23	32.2	99.1	17	38
Cu	precip	0.35	0.08	1.69	260.2	99.1	0	38
Hg	precip	3.23	1.40	8.40	2043.5	94.2	0	12
Mn	precip	0.86	0.23	11.10	644.3	99.1	0	38
Pb	precip	0.34	0.03	1.46	251.6	99.1	4	38
Se	precip	0.09	0.01	0.31	68.1	99.1	3	38
Ti	precip	0.17	0.02	3.02	131.4	99.1	6	38
V	precip	0.16	0.03	0.59	116.8	99.1	0	38
Zn	precip	3.06	0.50	57.00	2298.6	99.1	5	38
Sb	precip	0.09	0.01	0.27	63.5	99.1	1	38
Ba	precip	0.44	0.07	3.10	329.3	99.1	0	38
Li	precip	0.02	0.01	0.13	18.3	99.1	0	38
Sr	precip	0.93	0.17	4.38	695.6	99.1	0	38
Sn	precip	0.03	0.00	0.17	20.9	99.1	7	38
U	precip	0.00	0.00	0.01	0.9	99.1	30	38

GB0091R Banchory

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.12	0.01	0.57	99.4	89.2	0	38
Cd	precip	0.01	0.00	0.06	11.5	89.2	5	38
Cr	precip	0.04	0.02	0.32	28.3	89.2	21	38
Cu	precip	0.33	0.10	3.84	260.2	89.2	0	38
Hg	precip	5.29	0.35	13.25	3892.1	100.0	0	10
Ni	precip	0.25	0.02	1.57	200.7	89.2	0	38
Pb	precip	0.46	0.03	2.67	362.9	89.2	3	38
Zn	precip	2.57	0.25	7.83	2047.0	89.2	5	38

HU0002R K-puszta

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Cd	precip	0.04	0.01	1.54	41.2	100.0	14	47
Pb	precip	1.11	0.01	11.50	1183.3	100.0	1	47

IE0001R Valentia Observatory

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Al	precip	15.62	5.00	50.00	20749.1	100.0	2	12
As	precip	0.35	0.25	0.50	459.3	100.0	12	12
Cd	precip	0.10	0.05	0.60	135.1	100.0	9	12
Cr	precip	0.35	0.25	0.50	459.3	100.0	12	12
Cu	precip	3.46	0.50	15.00	4590.0	100.0	2	12
Hg	precip	34.58	25.00	50.00	45930.2	100.0	12	12
Mn	precip	4.04	0.05	24.00	5361.1	100.0	2	12
Ni	precip	0.38	0.25	1.00	508.8	100.0	11	12
Pb	precip	0.42	0.25	1.00	563.7	100.0	10	12
V	precip	0.35	0.25	0.50	459.3	100.0	12	12
Zn	precip	28.57	7.00	53.00	37952.5	100.0	0	12

IS0090R Reykjavik

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Al	precip	181.26	32.30	600.06	86751.5	100.0	0	9
As	precip	0.20	-0.03	0.32	94.5	100.0	1	9
Cd	precip	0.01	-0.01	0.03	7.1	100.0	1	9
Cr	precip	0.58	0.11	1.46	276.5	100.0	0	9
Cu	precip	4.30	1.37	8.70	2058.0	100.0	0	9
Fe	precip	169.50	22.40	628.67	81120.5	100.0	0	9
Mn	precip	4.56	0.80	14.43	2183.7	100.0	0	9
Ni	precip	2.01	0.44	5.97	962.0	100.0	0	9
Pb	precip	0.24	0.14	0.44	112.9	100.0	0	9
V	precip	1.26	0.21	1.69	603.0	100.0	0	9
Zn	precip	13.44	2.90	21.50	6431.8	100.0	0	9

IS0091R Storhofdi

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Al	precip	50.86	5.00	376.57	19207.8	99.3	1	8
As	precip	0.05	0.02	0.08	17.2	99.3	1	8
Cd	precip	0.02	0.01	0.03	8.8	99.3	3	8
Cr	precip	0.11	0.05	0.83	41.4	99.3	2	8
Cu	precip	0.79	0.49	5.18	298.8	99.3	0	8
Fe	precip	63.39	10.46	409.96	23940.9	99.3	0	8
Mn	precip	1.65	0.34	13.40	623.7	99.3	0	8
Ni	precip	0.30	0.05	1.38	111.9	99.3	1	8
Pb	precip	0.18	0.04	0.51	66.8	99.3	0	8
V	precip	0.24	0.05	1.37	92.0	99.3	1	8
Zn	precip	6.24	1.51	22.70	2355.4	99.3	0	8

LV0010R Rucava

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.31	0.10	0.40	296.7	38.6	12	12
Cd	precip	0.10	0.02	0.54	92.1	38.6	9	12
Hg	precip	37.56	30.00	60.00	35888.1	37.6	11	11
Ni	precip	1.18	0.40	3.21	1125.7	38.6	11	12
Pb	precip	0.83	0.20	1.40	793.0	36.5	9	10

NL0009R Kollumerwaard

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.09	0.07	0.46	57.2	100.0	35	44
Cd	precip	0.02	0.02	0.24	13.5	100.0	33	44
Cr	precip	0.27	0.26	1.30	178.6	100.0	42	44
Cu	precip	0.73	0.19	20.20	486.5	100.0	8	44
Ni	precip	0.21	0.20	2.30	139.5	100.0	40	44
Pb	precip	0.46	0.20	2.70	308.2	100.0	20	44
Zn	precip	3.75	1.95	59.00	2511.6	100.0	19	44

NL0091R De Zilk

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.08	0.07	0.31	61.8	100.0	40	48
Cd	precip	0.02	0.02	0.23	18.5	100.0	29	48
Cr	precip	0.26	0.26	0.26	202.7	100.0	48	48
Cu	precip	0.77	0.19	22.60	601.7	99.9	6	47
Hg	precip	8.10	2.00	48.00	5837.1	99.6	0	42
Ni	precip	0.22	0.20	2.40	170.7	100.0	37	48
Pb	precip	0.64	0.20	5.50	497.9	100.0	10	48
Zn	precip	3.76	1.95	42.00	2932.8	99.9	19	47

NO0001R Birkenes

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.18	0.05	0.68	186.5	99.9	15	40
Cd	precip	0.04	0.00	0.18	41.4	99.9	28	40
Co	precip	0.02	0.01	0.09	18.2	99.9	33	40
Cr	precip	0.13	0.10	0.37	137.3	99.9	35	40
Cu	precip	0.54	0.05	3.18	573.7	99.9	14	40
Ni	precip	0.20	0.10	2.44	210.4	99.9	28	40
Pb	precip	0.91	0.01	3.68	962.0	99.9	2	40
V	precip	0.51	0.05	4.25	539.5	99.9	19	40
Zn	precip	4.31	0.05	31.44	4549.2	99.9	5	40
Hg	precip	8.84	0.60	31.20	9834.2	100.0	0	17

NO0039R Kårvatn

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Cd	precip	0.01	0.00	0.04	11.6	97.5	31	42
Pb	precip	0.14	0.02	0.57	188.5	97.5	11	42
Zn	precip	3.69	0.11	91.43	5008.9	97.5	2	42

NO0056R Hurdal

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Cd	precip	0.03	0.00	0.12	22.9	99.9	29	40
Pb	precip	1.33	0.01	23.28	1029.0	99.9	3	40
Zn	precip	8.90	0.05	56.81	6866.0	99.9	2	40

PL0004R Leba

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
Cd	precip	0.04	0.02	0.12	40.4	100.0	0	12
Cr	precip	0.17	0.05	0.59	153.9	100.0	0	12
Cu	precip	1.25	0.64	3.58	1136.7	100.0	0	12
Ni	precip	0.30	0.10	0.69	273.1	100.0	0	12
Pb	precip	0.68	0.26	2.58	617.7	100.0	0	12
Zn	precip	6.31	1.89	27.74	5733.1	100.0	0	12

PL0005R Diabla Gora

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.34	0.05	1.10	183.9	100.0	0	46
Cd	precip	0.05	0.01	0.27	25.3	100.0	0	45
Cr	precip	0.08	0.02	0.90	41.5	100.0	0	45
Cu	precip	1.00	0.01	20.00	539.6	100.0	0	45
Ni	precip	0.27	0.07	2.30	143.9	100.0	0	45
Pb	precip	0.44	0.06	8.00	236.6	100.0	0	45
Zn	precip	4.12	0.50	21.90	2226.6	100.0	0	45

PT0002R Faro

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.10	0.10	0.10	99.1	99.9	17	17
Cd	precip	0.10	0.10	0.10	99.1	99.9	17	17
Cr	precip	0.18	0.10	0.65	179.1	99.9	14	17
Cu	precip	0.77	0.50	4.20	764.6	99.9	14	17
Hg	precip	25.98	5.00	30.00	25753.0	99.9	17	17
Ni	precip	0.20	0.10	2.90	197.6	99.9	13	17
Pb	precip	0.23	0.10	1.10	226.1	99.9	12	17
Zn	precip	6.75	0.50	31.00	6689.5	99.9	1	17

SE0005R BredkÃ¤len

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.07	0.05	0.41	36.0	100.0	0	11
Cd	precip	0.03	0.01	0.24	14.0	100.0	0	11
Co	precip	0.02	0.01	0.06	8.6	100.0	0	11
Cr	precip	0.16	0.05	0.84	79.5	100.0	0	11
Cu	precip	0.53	0.11	2.89	266.7	100.0	0	11
Hg	precip	6.92	3.50	19.60	3272.4	100.0	0	11
Mn	precip	5.69	0.40	32.60	2875.3	100.0	0	11
Ni	precip	0.18	0.07	0.65	91.9	100.0	0	11
Pb	precip	0.41	0.08	2.98	208.2	100.0	0	11
V	precip	0.20	0.10	0.66	100.0	100.0	0	11
Zn	precip	4.80	1.38	26.25	2424.4	100.0	0	11

SE0011R Vavihill

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.22	0.11	0.69	120.0	99.6	0	10
Cd	precip	0.10	0.02	0.43	56.3	99.6	0	10
Co	precip	0.04	0.01	0.31	22.8	99.6	0	10
Cr	precip	0.20	0.05	1.02	105.3	99.6	0	10
Cu	precip	1.44	0.44	7.99	777.2	99.6	0	10
Hg	precip	7.61	3.00	27.80	4680.0	100.0	0	11
Mn	precip	11.00	1.20	79.40	5940.0	99.6	0	10
Ni	precip	0.30	0.21	0.98	164.0	99.6	0	10
Pb	precip	0.73	0.40	2.17	394.3	99.6	0	10
V	precip	0.52	0.33	1.51	281.7	99.6	0	10
Zn	precip	9.69	3.00	44.46	5231.5	99.6	0	10

SE0014R RÃ¶¶

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.29	0.13	3.96	162.6	100.0	0	12
Cd	precip	0.09	0.01	1.34	50.4	100.0	0	12
Co	precip	0.03	0.01	0.52	17.6	100.0	0	12
Cr	precip	0.49	0.14	5.68	277.2	100.0	0	12
Cu	precip	1.92	0.55	20.93	1077.3	100.0	0	12
Hg	precip	9.08	4.10	23.20	5096.9	100.0	0	12
Mn	precip	4.41	0.80	19.50	2472.3	100.0	0	12
Ni	precip	0.35	0.16	1.26	196.4	100.0	0	12
Pb	precip	0.57	0.27	1.49	321.3	100.0	0	12
V	precip	0.93	0.55	3.26	520.2	100.0	0	12
Zn	precip	10.96	4.18	46.54	6141.6	100.0	0	12

SI0008R Iskrba

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.07	0.05	0.76	113.4	100.0	32	51
Cd	precip	0.02	0.01	0.14	30.1	100.0	25	51
Cr	precip	0.15	0.15	1.18	232.2	100.0	45	51
Cu	precip	0.44	0.15	9.42	680.5	100.0	17	51
Hg	precip	4.21	1.65	14.80	6952.8	100.0	0	26
Ni	precip	0.17	0.15	2.35	265.9	100.0	38	51
Pb	precip	0.40	0.05	2.75	607.6	100.0	2	51
Zn	precip	1.68	0.50	39.20	2584.0	100.0	11	51

SK0002R Chopok

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.19	0.06	0.86	219.7	100.0	0	12
Cd	precip	0.07	0.04	0.18	78.6	100.0	0	12
Cr	precip	0.16	0.04	0.43	183.2	100.0	0	12
Cu	precip	0.94	0.38	9.09	1080.8	100.0	0	12
Ni	precip	0.32	0.05	0.67	370.0	100.0	0	12
Pb	precip	1.86	0.66	6.26	2127.5	100.0	0	12
Zn	precip	23.71	10.05	69.11	27142.3	100.0	0	12

SK0004R Stará Lesná

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.12	0.06	0.23	126.9	100.0	0	12
Cd	precip	0.10	0.05	0.51	97.2	100.0	0	12
Cr	precip	0.08	0.02	0.18	78.6	100.0	0	12
Cu	precip	1.23	0.43	10.04	1262.6	100.0	0	12
Ni	precip	0.30	0.05	1.37	305.4	100.0	0	12
Pb	precip	1.27	0.53	2.53	1307.7	100.0	0	12
Zn	precip	9.94	4.39	25.21	10208.5	100.0	0	12

SK0006R Starina

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.10	0.02	1.08	97.2	100.0	0	27
Cd	precip	0.05	0.01	0.63	44.6	100.0	0	27
Cr	precip	0.09	0.02	1.58	85.0	100.0	0	27
Cu	precip	0.93	0.22	8.34	896.9	100.0	0	27
Ni	precip	0.41	0.11	9.21	400.3	100.0	0	27
Pb	precip	0.95	0.20	9.05	915.4	100.0	0	27
Zn	precip	10.03	3.28	225.22	9697.4	100.0	0	27

SK0007R Topolniky

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
As	precip	0.13	0.04	0.56	111.0	100.0	0	12
Cd	precip	0.04	0.02	0.18	34.2	100.0	0	12
Cr	precip	0.22	0.02	0.72	188.9	100.0	0	12
Cu	precip	0.63	0.32	1.11	552.3	100.0	0	12
Ni	precip	0.25	0.05	0.56	218.4	100.0	0	12
Pb	precip	0.95	0.60	2.03	833.2	100.0	0	12
Zn	precip	5.71	2.07	8.20	4987.0	100.0	0	12

Annex 2

Annual statistics for heavy metals in air

BE0013R Houtem

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
Hg	air+aerosol	0.61	0.23	0.57	1.50	0.30	0.30	0.60	0.90	0.90	58.6	0	7

BE0014R Koksijde

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.74	0.68	0.52	2.35	0.20	0.20	0.60	2.09	4.90	98.9	141	361
Cd	aerosol	0.26	0.24	0.19	2.09	0.10	0.10	0.20	0.80	1.50	98.9	179	361
Cr	aerosol	3.43	2.14	2.92	1.79	0.50	1.20	2.90	7.29	18.20	98.9	10	361
Cu	aerosol	4.80	5.33	3.52	2.19	0.50	1.00	3.60	10.70	63.30	98.9	16	361
Mn	aerosol	9.52	12.60	5.22	3.44	0.10	0.53	5.60	31.21	137.40	98.9	1	361
Ni	aerosol	4.41	4.65	3.11	2.40	0.20	0.91	3.20	11.87	40.00	98.9	13	361
Pb	aerosol	8.06	7.90	5.31	2.68	0.10	1.11	5.30	23.87	52.70	98.9	2	361
Zn	aerosol	23.42	26.36	14.19	2.72	4.50	4.50	15.50	72.63	204.40	98.9	127	361

CY0002R Ayia Marina

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
Al	pm10	1312	435	605.6	3.89	14.00	14.00	627	842.	8147	77.5	0	283
As	pm10	0.22	0.00	0.22	1.00	0.22	0.22	0.22	0.22	0.22	79.2	0	289
Cd	pm10	0.15	0.10	0.10	3.19	0.00	0.02	0.13	0.33	0.54	78.9	0	288
Cr	pm10	1.72	2.06	1.94	1.94	0.00	0.00	1.00	6.00	13.00	76.2	0	278
Cu	pm10	0.64	1.21	0.16	4.12	0.08	0.08	0.08	3.27	5.59	76.4	0	279
Fe	pm10	716.09	1031	419.7	3.16	6.00	92.00	449	980.	1886.00	77.5	0	283
Hg	pm10	0.04	0.00	0.04	1.00	0.04	0.04	0.04	0.04	0.04	79.2	0	289
Mn	pm10	14.83	16.37	10.92	2.16	0.00	3.00	11.00	35.00	184.00	77.5	0	283
Ni	pm10	2.22	2.85	0.17	18.86	0.01	0.01	0.01	7.73	12.82	79.2	0	289
Pb	pm10	6.54	9.82	2.43	6.47	0.03	0.03	3.76	30.35	59.32	79.2	0	289
V	pm10	4.55	3.66	3.70	2.07	0.00	1.00	4.00	12.00	28.00	77.5	0	283

CZ0001R Svratouch

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.76	0.78	0.50	2.56	0.03	0.13	0.51	2.69	4.36	43.8	3	160
Cd	pm10	0.18	0.21	0.12	2.41	0.01	0.03	0.11	0.73	1.24	43.8	0	160
Cu	pm10	1.97	1.95	1.26	3.07	0.04	0.04	1.46	5.28	12.50	43.8	8	160
Mn	pm10	2.90	3.69	2.01	2.29	0.12	0.59	2.01	7.24	38.70	43.8	0	160
Ni	pm10	0.44	0.85	0.26	2.62	0.06	0.06	0.32	0.90	9.75	43.8	32	160
Pb	pm10	4.88	4.96	3.44	2.26	0.32	0.98	3.25	16.41	33.10	44.4	0	162

CZ0003R Kosetice

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.63	0.67	0.40	2.65	0.03	0.08	0.39	2.00	4.03	49.3	2	180
As	pm10	0.81	0.85	0.52	2.58	0.03	0.12	0.49	2.82	4.93	46.6	1	170
Cd	pm10	0.19	0.22	0.12	2.31	0.02	0.04	0.12	0.69	1.48	46.6	0	170
Cd	pm25	0.15	0.16	0.10	2.34	0.01	0.03	0.09	0.54	1.08	49.3	0	180
Cu	pm10	1.82	1.19	1.37	2.55	0.04	0.25	1.70	4.25	8.52	46.6	6	170
Cu	pm25	0.92	2.25	0.43	3.91	0.04	0.04	0.71	1.82	29.80	49.3	33	180
Hg	air	0.47	0.47	0.34	2.20	0.10	0.11	0.34	2.00	2.23	63.3	0	33
Hg	pm10	0.01	0.01	0.01	1.93	0.00	0.01	0.01	0.04	0.06	90.1	0	47
Mn	pm10	4.68	3.80	3.58	2.10	0.40	1.02	3.69	13.44	23.80	46.6	0	170
Mn	pm25	1.66	1.27	1.27	2.11	0.20	0.32	1.28	4.49	7.40	49.3	0	180
Ni	pm10	0.51	0.39	0.36	2.48	0.06	0.06	0.41	1.34	1.71	46.6	22	170
Ni	pm25	0.40	0.50	0.25	2.62	0.06	0.06	0.26	1.14	4.40	49.3	39	180
Pb	pm10	4.83	5.25	3.26	2.32	0.61	0.90	2.96	17.54	33.80	46.6	0	170
Pb	pm25	3.84	4.13	2.63	2.31	0.42	0.73	2.49	13.56	27.60	49.3	0	180

DE0001R Westerland

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.35	0.38	0.24	2.46	0.02	0.04	0.21	1.26	2.11	100.0	0	53
Cd	pm10	0.09	0.11	0.06	2.77	0.00	0.01	0.06	0.38	0.58	100.0	0	53
Co	pm10	0.06	0.03	0.06	1.72	0.01	0.02	0.05	0.12	0.17	100.0	0	53
Cu	pm10	2.05	1.30	1.75	1.83	0.42	0.61	2.00	4.32	7.76	100.0	0	53
Fe	pm10	77.85	45.53	66.41	1.76	13.80	21.99	65.50	169.45	283.00	100.0	0	53
Mn	pm10	2.22	1.18	1.94	1.67	0.71	0.73	1.85	4.62	6.82	100.0	0	53
Ni	pm10	1.49	1.12	1.10	2.26	0.15	0.26	1.21	4.05	4.91	100.0	0	53
Pb	pm10	3.13	3.55	2.07	2.44	0.23	0.44	1.99	12.63	18.13	100.0	0	53
V	pm10	1.77	1.52	1.35	2.11	0.29	0.35	1.56	4.69	9.60	100.0	0	53
Zn	pm10	10.47	10.95	6.25	2.99	1.00	1.00	6.90	38.93	51.50	100.0	0	53
Sb	pm10	0.38	0.29	0.31	1.87	0.10	0.11	0.32	1.19	1.59	100.0	0	53

DE0002R Waldhof

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.57	0.82	0.35	2.36	0.09	0.10	0.28	2.26	4.86	100.0	0	53
Cd	pm10	0.16	0.17	0.11	2.19	0.03	0.03	0.10	0.54	0.98	100.0	0	53
Co	pm10	0.05	0.03	0.04	1.88	0.02	0.02	0.04	0.13	0.16	100.0	0	53
Cu	pm10	2.54	1.31	2.32	1.52	0.92	1.25	2.26	5.14	9.23	100.0	0	53
Fe	pm10	100.65	50.38	88.09	1.66	25.30	37.12	87.80	201.46	240.00	100.0	0	53
Mn	pm10	3.19	1.52	2.82	1.63	1.15	1.16	2.89	6.38	7.49	100.0	0	53
Pb	pm10	6.08	6.98	4.31	2.15	0.74	1.71	4.17	20.07	43.79	100.0	0	53
V	pm10	0.96	0.47	0.85	1.63	0.24	0.36	0.85	1.98	2.36	100.0	0	53
Zn	pm10	17.80	17.49	12.52	2.41	1.20	1.55	12.10	46.87	107.30	100.0	0	53
Sb	pm10	0.55	0.38	0.46	1.75	0.13	0.17	0.44	1.50	2.22	100.0	0	53
Tl	pm10	0.04	0.06	0.02	3.68	0.00	0.00	0.02	0.16	0.36	100.0	0	53
Hg	pm25	10.42	14.10	6.19	2.77	0.20	1.20	6.40	34.50	147.10	65.5	0	1914
RGM	air	2.46	4.19	1.01	3.79	0.20	0.20	1.00	9.80	47.00	63.5	0	1853
TGM	air	1.66	0.32	1.64	1.19	0.86	1.31	1.59	2.24	6.93	87.5	0	7661
TGM	air	1.76	0.29	1.73	1.17	1.14	1.36	1.71	2.28	3.20	98.6	0	361

DE0003R Schauinsland

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.16	0.17	0.10	2.79	0.01	0.01	0.11	0.61	0.84	100.0	0	53
Cd	pm10	0.06	0.07	0.04	2.56	0.00	0.01	0.04	0.23	0.38	100.0	0	53
Cu	pm10	1.64	1.15	1.25	2.17	0.23	0.30	1.44	4.38	4.86	98.1	0	52
Fe	pm10	91.21	158.70	46.12	3.01	7.40	7.47	49.60	372.971068.20		100.0	0	53
Mn	pm10	3.23	7.70	1.48	2.73	0.32	0.39	1.52	16.92	50.48	94.2	0	50
Ni	pm10	0.68	0.64	0.46	2.46	0.10	0.10	0.47	2.08	3.25	100.0	0	53
Pb	pm10	2.06	1.51	1.59	2.08	0.16	0.48	1.65	5.71	7.05	100.0	0	53
V	pm10	0.42	0.37	0.31	2.24	0.00	0.06	0.33	1.18	2.06	100.0	0	53
Zn	pm10	15.19	14.82	10.86	2.18	2.30	4.01	10.80	47.63	86.50	100.0	0	53
Sb	pm10	0.32	0.24	0.24	2.21	0.03	0.05	0.28	0.84	1.23	94.2	0	50
Tl	pm10	0.01	0.01	0.01	2.29	0.00	0.00	0.01	0.04	0.07	100.0	0	53
TGM	air	1.60	0.18	1.59	1.11	1.20	1.37	1.58	1.92	2.49	89.6	0	328

DE0007R Neuglobsow

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.67	0.73	0.41	2.74	0.06	0.07	0.40	2.50	2.74	100.0	0	53
Cd	pm10	0.18	0.19	0.12	2.38	0.03	0.03	0.12	0.65	0.98	85.8	0	53
Co	pm10	0.06	0.03	0.05	1.80	0.01	0.01	0.06	0.14	0.17	85.8	0	53
Cu	pm10	2.62	1.71	2.15	1.89	0.24	0.84	2.01	6.58	8.81	85.8	0	53
Fe	pm10	78.04	43.28	63.23	2.11	2.00	20.67	68.90	164.79	183.20	85.8	0	53
Mn	pm10	2.91	1.45	2.47	1.89	0.14	1.06	2.77	5.40	7.46	85.8	0	53
Ni	pm10	1.18	1.00	0.91	1.98	0.15	0.37	0.80	3.75	5.36	85.8	0	53
Pb	pm10	6.32	6.44	4.35	2.32	0.69	1.34	4.11	23.10	31.78	85.8	0	53
V	pm10	1.02	0.76	0.84	1.80	0.30	0.38	0.75	3.07	3.86	100.0	0	53
Zn	pm10	19.51	18.49	14.51	2.19	3.60	3.77	13.60	66.37	98.70	85.8	0	53
Sb	pm10	0.62	0.71	0.45	2.02	0.11	0.18	0.40	1.98	4.73	85.8	0	53
Tl	pm10	0.04	0.06	0.02	3.67	0.00	0.00	0.03	0.20	0.33	85.8	0	53

DE0008R SchmÃ¼cke

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.29	0.29	0.20	2.27	0.03	0.06	0.20	0.92	1.60	100.0	0	53
Cd	pm10	0.08	0.06	0.07	1.97	0.01	0.02	0.06	0.21	0.29	100.0	0	53
Co	pm10	0.04	0.02	0.04	1.79	0.01	0.01	0.04	0.09	0.12	100.0	0	53
Cu	pm10	1.76	1.12	1.55	1.73	0.39	0.67	1.51	4.45	6.39	100.0	0	53
Fe	pm10	69.85	49.11	54.33	2.03	13.70	17.35	55.90	193.93	213.90	100.0	0	53
Mn	pm10	2.06	1.24	1.74	1.75	0.51	0.73	1.59	5.23	5.96	96.2	0	51
Ni	pm10	0.81	0.72	0.60	2.23	0.10	0.17	0.65	2.63	4.06	100.0	0	53
Pb	pm10	3.06	2.13	2.55	1.78	0.78	1.12	2.39	8.30	11.21	100.0	0	53
V	pm10	0.42	0.23	0.35	1.95	0.02	0.14	0.38	0.88	1.10	100.0	0	53
Zn	pm10	11.49	6.14	10.08	1.68	3.00	4.21	10.60	26.16	31.70	100.0	0	53
Sb	pm10	0.36	0.16	0.33	1.56	0.11	0.13	0.32	0.71	0.87	96.2	0	51
Tl	pm10	0.02	0.02	0.02	1.90	0.01	0.01	0.02	0.07	0.08	100.0	0	53
TGM	air	1.69	0.20	1.68	1.11	1.32	1.45	1.65	2.06	2.90	99.2	0	363

DE0009R Zingst

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.44	0.36	0.33	2.13	0.09	0.11	0.29	1.42	1.54	85.8	0	53
Cd	pm10	0.12	0.13	0.08	2.63	0.00	0.02	0.07	0.52	0.56	85.8	0	53
Co	pm10	0.06	0.03	0.05	1.91	0.01	0.01	0.05	0.12	0.13	84.1	0	52
Cu	pm10	1.92	1.04	1.62	1.84	0.42	0.48	1.65	3.73	3.94	84.1	0	52
Fe	pm10	64.67	39.52	53.40	1.87	11.20	15.51	52.00	152.98	201.00	85.8	0	53
Mn	pm10	2.20	1.22	1.92	1.65	0.76	0.85	1.81	4.14	7.67	84.1	0	52
Ni	pm10	1.77	1.45	1.40	1.95	0.30	0.42	1.39	5.85	7.10	85.8	0	53
Pb	pm10	4.44	4.29	3.05	2.39	0.53	0.73	2.70	16.68	19.02	85.8	0	53
V	pm10	2.64	2.25	1.95	2.16	0.51	0.56	1.78	8.57	11.51	85.8	0	53
Zn	pm10	14.56	12.11	11.25	2.01	2.70	3.24	10.50	44.25	63.90	85.8	0	53
Sb	pm10	0.42	0.31	0.34	1.84	0.11	0.12	0.32	1.27	1.48	84.1	0	52

DK0005R Keldsnor

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.41	0.59	0.23	2.77	0.00	0.04	0.20	2.05	2.97	43.3	8	158
Cd	aerosol	0.43	0.68	0.20	3.41	-0.02	0.04	0.18	2.05	3.50	43.3	19	158
Ni	aerosol	2.13	3.10	1.24	3.22	-0.49	-0.11	1.07	8.01	22.09	43.3	54	158
Pb	aerosol	3.46	5.25	1.44	3.94	-0.02	0.18	1.15	18.46	26.23	43.3	6	158

DK0008R Anholt

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.28	0.30	0.20	2.16	0.04	0.07	0.18	0.76	2.93	87.1	5	318
Cd	aerosol	0.23	0.28	0.13	2.95	-0.05	0.02	0.12	0.87	1.92	87.1	58	318
Ni	aerosol	1.37	3.39	0.84	3.04	-8.78	-0.04	0.81	4.10	34.19	87.1	138	318
Pb	aerosol	1.84	2.23	1.00	3.16	-0.05	0.18	1.05	6.73	14.30	87.1	13	318

DK0010G Nord, Greenland

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
Al	aerosol	15.50	13.82	10.11	2.98	-0.10	0.82	10.04	45.01	55.78	83.3	0	51
As	aerosol	0.03	0.03	0.02	2.69	0.00	0.00	0.02	0.10	0.13	83.3	0	51
Cd	aerosol	0.01	0.01	0.01	2.49	0.00	0.00	0.01	0.03	0.03	71.8	0	44
Cr	aerosol	0.02	0.11	0.03	4.61	-0.33	-0.05	0.00	0.20	0.60	81.6	0	50
Fe	aerosol	11.03	8.65	7.91	3.03	-0.12	1.27	8.34	30.16	37.84	83.3	0	51
Hg	air	1.45	0.22	1.43	1.15	0.76	1.21	1.39	1.89	3.07	33.3	0	2916
Mn	aerosol	0.22	0.20	0.14	3.33	-0.01	-0.00	0.14	0.70	0.72	83.3	0	51
Ni	aerosol	0.08	0.41	0.10	3.54	-0.08	-0.07	-0.03	0.51	2.75	83.3	0	51
Pb	aerosol	0.26	0.33	0.13	3.64	-0.00	0.00	0.11	1.02	1.40	83.3	0	51
Se	aerosol	0.02	0.03	0.02	2.89	-0.01	-0.01	0.01	0.07	0.13	83.3	0	51
Zn	aerosol	0.39	0.42	0.33	2.69	-0.22	-0.15	0.25	1.20	1.73	83.3	0	51

DK0012R Risoe

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.62	0.67	0.41	2.44	0.00	0.09	0.38	2.08	4.55	41.4	1	151
Cd	aerosol	0.42	0.54	0.23	3.01	0.00	0.04	0.21	1.60	3.59	41.4	10	151
Ni	aerosol	0.94	1.00	0.64	2.58	-2.09	0.09	0.71	2.75	6.28	41.4	72	151
Pb	aerosol	2.72	3.51	1.49	3.05	0.12	0.23	1.45	10.23	24.26	41.4	1	151

ES0001R San Pablo de los Montes

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.24	0.29	0.15	2.62	0.05	0.05	0.13	0.89	0.89	1.9	0	7
Cd	pm10	0.04	0.07	0.01	3.71	0.01	0.01	0.01	0.20	0.20	1.9	3	7
Cr	pm10	5.39	3.30	4.46	2.00	1.82	1.82	4.82	10.72	10.72	1.9	2	7
Cu	pm10	51.22	28.50	42.81	2.03	12.50	12.50	56.29	92.56	92.56	1.9	0	7
Hg	pm10	0.01	0.00	0.01	1.51	0.00	0.00	0.01	0.01	0.01	1.9	0	7
Ni	pm10	1.79	1.85	1.17	2.62	0.34	0.34	0.88	5.11	5.11	1.9	1	7
Pb	pm10	1.83	2.21	0.93	4.00	0.10	0.10	1.20	6.50	6.50	1.9	0	7
TGM	air	0.77	0.04	0.77	1.06	0.66	0.71	0.77	0.85	0.89	14.0	0	1227

ES0006R Mahán

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.13	0.09	0.11	2.07	0.03	0.03	0.13	0.30	0.30	1.9	0	7
Cd	pm10	0.07	0.10	0.03	5.05	0.01	0.01	0.02	0.24	0.24	1.9	2	7
Cr	pm10	2.48	1.75	2.18	1.61	1.82	1.82	1.82	6.44	6.44	1.9	6	7
Cu	pm10	32.62	26.17	24.85	2.22	7.87	7.87	19.99	72.14	72.14	1.9	0	7
Hg	pm10	0.01	0.00	0.01	1.27	0.00	0.00	0.01	0.01	0.01	1.6	0	6
Ni	pm10	2.40	2.17	1.48	3.23	0.34	0.34	2.37	6.11	6.11	1.9	0	7
Pb	pm10	3.04	2.89	1.84	3.43	0.20	0.20	1.60	8.40	8.40	1.9	0	7
Zn	pm10	6.61	5.19	5.34	1.97	2.95	2.95	3.98	16.01	16.01	1.6	0	6

ES0007R Viznar

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.20	0.07	0.19	1.47	0.09	0.09	0.20	0.30	0.30	1.9	0	7
Cd	pm10	0.01	0.01	0.01	1.97	0.01	0.01	0.01	0.03	0.03	1.9	6	7
Cr	pm10	1.82	0.00	1.82	1.00	1.82	1.82	1.82	1.82	1.82	1.9	7	7
Cu	pm10	27.59	10.99	25.53	1.56	11.53	11.53	24.75	44.28	44.28	1.9	0	7
TGM	air	0.65	0.10	0.64	1.15	0.33	0.54	0.64	0.83	1.68	5.5	0	482

ES0008R Niembro

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.14	0.12	0.11	2.23	0.01	0.03	0.10	0.34	0.71	12.1	1	44
Cd	pm10	0.06	0.10	0.03	2.93	0.01	0.01	0.03	0.15	0.68	12.1	5	44
Cr	pm10	0.53	0.70	0.36	2.09	0.22	0.22	0.22	1.54	4.51	12.1	27	44
Cu	pm10	57.34	41.85	42.60	2.31	7.50	8.15	44.41	141.10	173.67	12.1	0	44
Hg	pm10	0.01	0.00	0.01	1.36	0.01	0.01	0.01	0.01	0.01	1.9	0	7
Ni	pm10	1.26	1.06	0.91	2.36	0.22	0.22	1.01	4.12	4.57	12.1	8	44
Pb	pm10	3.73	4.25	1.74	4.27	0.08	0.08	1.83	15.52	17.00	12.1	4	44
Zn	pm10	13.52	13.94	7.85	3.12	0.92	0.92	7.88	49.34	54.55	12.1	5	44
TGM	air	0.73	0.13	0.72	1.19	0.45	0.52	0.74	0.90	1.46	9.2	0	803

ES0009R Campisabalos

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.11	0.11	0.08	2.01	0.03	0.03	0.08	0.25	0.74	12.1	0	44
Cd	pm10	0.02	0.01	0.02	1.75	0.01	0.01	0.01	0.05	0.07	12.1	7	44
Cr	pm10	1.01	3.19	0.40	2.56	0.22	0.22	0.31	5.45	20.61	12.1	34	44
Cu	pm10	2.56	1.68	1.93	2.39	0.15	0.32	2.22	6.58	6.86	12.1	3	44
Ni	pm10	0.56	0.62	0.40	2.17	0.06	0.12	0.39	1.58	3.97	12.1	6	44
Pb	pm10	1.33	1.24	0.87	2.79	0.08	0.08	0.97	4.88	5.43	12.1	4	44
Zn	pm10	5.01	3.66	3.78	2.25	0.37	0.84	3.92	12.90	15.77	12.1	1	44

ES0014R Els Torms

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.16	0.07	0.14	1.55	0.09	0.09	0.15	0.26	0.26	1.9	0	7
Cd	pm10	0.03	0.03	0.02	2.89	0.01	0.01	0.02	0.08	0.08	1.9	2	7
Cr	pm10	3.13	3.47	2.35	1.97	1.82	1.82	1.82	11.00	11.00	1.9	6	7
Cu	pm10	98.09	42.10	91.16	1.50	60.67	60.67	80.09	161.94	161.94	1.9	0	7
Hg	pm10	0.00	0.00	0.00	1.64	0.00	0.00	0.00	0.01	0.01	1.9	0	7
Ni	pm10	1.02	0.67	0.80	2.24	0.34	0.34	1.30	1.96	1.96	1.9	3	7
Pb	pm10	2.51	1.38	2.20	1.76	1.00	1.00	1.70	4.70	4.70	1.9	0	7
Zn	pm10	8.12	2.82	7.74	1.38	5.20	5.20	6.64	13.28	13.28	1.9	0	7
TGM	air	1.01	0.11	1.01	1.11	0.71	0.82	1.01	1.20	1.59	14.3	0	1256

ES1778R Montseny

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
Al	pm1	0.03	0.05	0.01	3.13	0.01	0.01	0.01	0.17	0.21	20.3	33	74
Al	pm10	0.30	0.83	0.12	3.24	0.01	0.02	0.12	0.73	6.60	19.6	1	72
Al	pm25	0.07	0.15	0.03	3.56	0.01	0.01	0.03	0.31	0.96	20.2	12	74
As	pm1	0.11	0.06	0.09	2.21	0.01	0.02	0.11	0.21	0.28	20.0	3	73
As	pm10	0.18	0.16	0.13	2.20	0.01	0.04	0.14	0.37	1.08	19.6	1	72
As	pm25	0.13	0.09	0.10	2.39	0.01	0.02	0.12	0.29	0.44	20.2	3	74
Cd	pm1	0.06	0.07	0.04	2.18	0.01	0.02	0.05	0.16	0.60	20.0	3	73
Cd	pm10	0.06	0.04	0.05	1.83	0.01	0.02	0.05	0.15	0.17	19.6	1	72
Cd	pm25	0.07	0.05	0.05	2.10	0.01	0.01	0.05	0.15	0.27	20.2	1	74
Co	pm1	0.04	0.08	0.02	2.71	0.01	0.01	0.03	0.09	0.55	20.0	13	73
Co	pm10	0.10	0.18	0.07	2.10	0.01	0.03	0.07	0.21	1.43	19.6	0	72
Co	pm25	0.05	0.04	0.04	2.09	0.01	0.01	0.04	0.09	0.30	20.2	4	74
Cr	pm1	0.67	0.74	0.39	3.06	0.01	0.07	0.39	2.06	4.18	20.0	1	73
Cr	pm10	1.12	1.30	0.57	4.35	0.01	0.02	0.97	4.71	7.48	19.6	2	72
Cr	pm25	0.83	0.83	0.49	3.60	0.01	0.03	0.62	2.52	5.07	20.2	2	74
Cu	pm1	1.69	3.15	1.18	1.94	0.26	0.48	1.11	3.63	27.08	20.0	0	73
Cu	pm10	2.89	1.50	2.46	1.87	0.19	0.88	2.81	5.74	7.71	19.6	0	72
Cu	pm25	2.03	1.64	1.62	1.91	0.35	0.61	1.48	5.46	9.61	20.2	0	74
Fe	pm1	13.80	18.66	8.68	2.35	2.70	3.90	5.00	51.91	110.10	20.0	44	73
Fe	pm10	178.30	439.60	81.26	3.07	4.14	11.80	76.05	402.773	470.13	19.6	2	72
Fe	pm25	36.85	66.11	21.24	2.66	2.70	4.07	21.84	134.32	538.49	20.2	12	74
Mn	pm1	0.80	1.15	0.59	1.93	0.21	0.24	0.57	1.93	9.71	20.0	0	73
Mn	pm10	4.01	6.93	2.68	2.11	0.57	0.86	2.44	7.44	55.07	19.6	0	72
Mn	pm25	1.36	1.20	1.08	1.88	0.25	0.41	0.96	3.60	8.97	20.2	0	74
Ni	pm1	0.84	0.81	0.54	3.19	0.01	0.06	0.61	2.87	4.34	20.0	2	73
Ni	pm10	1.22	0.97	0.76	3.99	0.01	0.01	1.00	3.59	5.11	19.6	3	72
Ni	pm25	1.07	1.13	0.70	2.80	0.01	0.10	0.69	3.98	6.25	20.2	1	74
Pb	pm1	1.53	0.95	1.28	1.84	0.32	0.46	1.38	3.94	4.45	20.0	0	73
Pb	pm10	2.26	1.67	1.85	1.85	0.47	0.65	1.90	4.70	11.78	19.6	0	72
Pb	pm25	2.02	1.22	1.70	1.82	0.39	0.62	1.81	4.75	6.23	20.2	0	74
Se	pm1	0.09	0.06	0.07	2.31	0.01	0.01	0.09	0.23	0.27	20.0	4	73
Se	pm10	0.17	0.09	0.14	1.97	0.01	0.05	0.15	0.32	0.46	19.6	1	72
Se	pm25	0.11	0.06	0.09	1.82	0.01	0.04	0.10	0.22	0.37	20.2	1	74
Ti	pm1	0.00	0.00	0.00	4.63	0.00	0.00	0.00	0.01	0.01	20.0	2	73
Ti	pm10	0.02	0.04	0.01	2.91	0.00	0.00	0.01	0.04	0.35	19.6	0	72
Ti	pm25	0.00	0.01	0.00	3.56	0.00	0.00	0.00	0.01	0.05	20.2	1	74
V	pm1	1.08	0.90	0.72	2.79	0.03	0.09	0.78	3.10	3.38	20.0	0	73
V	pm10	2.10	1.81	1.53	2.28	0.25	0.30	1.50	4.97	11.00	19.6	0	72
V	pm25	1.31	1.04	0.94	2.36	0.11	0.17	0.86	3.70	4.45	20.2	0	74
Zn	pm1	5.00	3.47	3.01	4.91	0.01	0.09	5.29	10.10	22.24	20.0	3	73
Zn	pm10	9.44	5.76	6.55	3.99	0.01	1.53	8.66	20.54	25.80	19.6	2	72
Zn	pm25	6.90	4.55	4.67	3.88	0.01	0.93	5.28	15.31	19.64	20.2	2	74
Sb	pm1	0.10	0.08	0.06	3.52	0.01	0.01	0.09	0.24	0.36	20.0	10	73
Sb	pm10	0.29	0.23	0.20	2.86	0.01	0.03	0.26	0.69	1.21	19.6	1	72
Sb	pm25	0.15	0.13	0.09	3.73	0.01	0.01	0.14	0.37	0.70	20.2	8	74
Ba	pm1	0.98	1.37	0.46	3.98	0.01	0.03	0.51	3.79	8.13	20.0	2	73
Ba	pm10	5.51	8.96	2.91	2.85	0.24	0.49	2.47	31.48	53.92	19.6	0	72
Ba	pm25	1.71	2.08	0.90	3.56	0.02	0.06	0.98	6.83	9.77	20.2	0	74
Bi	pm1	0.05	0.06	0.03	3.62	0.01	0.01	0.04	0.21	0.29	20.0	25	73
Bi	pm10	0.10	0.12	0.05	3.73	0.01	0.01	0.07	0.34	0.85	19.6	14	72
Bi	pm25	0.07	0.08	0.04	3.75	0.01	0.01	0.05	0.28	0.33	20.2	19	74
Ce	pm1	0.08	0.07	0.07	1.85	0.02	0.03	0.06	0.27	0.30	20.0	0	73
Ce	pm10	0.37	0.94	0.18	2.89	0.01	0.04	0.20	0.84	7.49	19.6	1	72
Ce	pm25	0.15	0.18	0.11	2.17	0.03	0.04	0.09	0.58	1.15	20.2	0	74
La	pm1	0.04	0.04	0.03	2.05	0.01	0.01	0.03	0.13	0.18	20.0	2	73
La	pm10	0.16	0.38	0.08	2.78	0.01	0.01	0.08	0.34	3.00	19.6	1	72
La	pm25	0.08	0.12	0.05	2.48	0.01	0.02	0.04	0.34	0.78	20.2	1	74
Li	pm1	0.02	0.03	0.01	2.81	0.01	0.01	0.01	0.07	0.20	20.0	47	73
Li	pm10	0.22	0.60	0.10	3.11	0.01	0.01	0.09	0.48	4.82	19.6	3	72
Li	pm25	0.05	0.08	0.03	3.02	0.01	0.01	0.04	0.16	0.68	20.2	18	74
Rb	pm1	0.07	0.04	0.06	1.62	0.02	0.02	0.06	0.14	0.24	20.0	0	73
Rb	pm10	0.40	0.86	0.22	2.60	0.04	0.05	0.20	0.93	6.74	19.6	0	72
Rb	pm25	0.12	0.13	0.10	1.85	0.02	0.04	0.10	0.31	1.06	20.2	0	74
Sr	pm1	0.18	0.20	0.10	3.72	0.01	0.01	0.12	0.71	0.88	20.0	7	73
Sr	pm10	1.67	4.40	0.84	2.51	0.12	0.21	0.72	3.35	34.79	19.6	0	72
Sr	pm25	0.39	0.64	0.23	2.63	0.01	0.05	0.21	1.06	5.29	20.2	1	74
Tl	pm1	0.01	0.01	0.01	1.75	0.01	0.01	0.01	0.03	0.11	20.0	69	73
Tl	pm10	0.01	0.02	0.01	2.38	0.01	0.01	0.01	0.06	0.16	19.6	60	72
Tl	pm25	0.01	0.02	0.01	1.92	0.01	0.01	0.01	0.04	0.13	20.2	67	74
Th	pm1	0.02	0.02	0.01	2.42	0.01	0.01	0.02	0.07	0.13	20.0	21	73
Th	pm10	0.07	0.13	0.04	2.82	0.01	0.01	0.04	0.17	1.01	19.6	6	72
Th	pm25	0.03	0.03	0.02	2.49	0.01	0.01	0.02	0.12	0.19	20.2	14	74
Sn	pm1	0.45	0.26	0.36	2.05	0.03	0.10	0.40	0.95	1.09	20.0	0	73
Sn	pm10	0.94	2.12	0.51	3.46	0.01	0.09	0.58	1.80	18.27	19.6	3	72
Sn	pm25	0.60	0.61	0.36	3.53	0.01	0.03	0.47	1.52	3.58	20.2	3	74
U	pm1	0.05	0.07	0.03	3.00	0.01	0.01	0.03	0.28	0.34	20.0	14	73
U	pm10	0.07	0.07	0.04	2.63	0.01	0.01	0.05	0.26	0.33	19.6	5	72
U	pm25	0.07	0.07	0.05	2.23	0.00	0.01	0.04	0.28	0.33	20.2	0	74

FI0017R Virolahti II

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
Al	aerosol	53.90	64.84	30.15	3.71	0.10	3.66	36.20	174.39	428.80	99.9	3	157
As	aerosol	0.35	0.28	0.26	2.14	0.05	0.09	0.23	1.07	1.30	99.9	0	157
Cd	aerosol	0.14	0.13	0.09	2.67	0.01	0.02	0.08	0.43	0.76	99.9	0	157
Co	aerosol	0.06	0.04	0.05	1.96	0.01	0.01	0.05	0.15	0.28	99.9	0	157
Cr	aerosol	0.38	0.39	0.20	3.61	0.02	0.02	0.25	1.28	1.46	99.9	34	157
Cu	aerosol	1.15	1.02	0.85	2.16	0.15	0.29	0.82	3.23	6.92	99.9	0	157
Fe	aerosol	87.75	96.22	57.40	2.54	6.29	11.29	57.02	285.92	634.21	99.9	0	157
Mn	aerosol	2.63	2.73	1.79	2.33	0.36	0.49	1.62	8.90	18.58	99.9	0	157
Ni	aerosol	1.07	0.85	0.77	2.47	0.02	0.18	0.88	2.56	4.92	99.9	0	157
Pb	aerosol	4.00	4.03	2.35	2.91	0.28	0.50	2.16	12.97	18.53	99.9	0	157
V	aerosol	2.14	2.09	1.42	2.65	0.09	0.26	1.60	5.57	13.75	99.9	0	157
Zn	aerosol	12.33	10.67	8.79	2.28	1.45	2.72	8.05	34.34	56.14	99.9	0	157

FI0036R Pallas (Matorova)

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
Al	aerosol	6.42	5.89	4.65	2.28	0.00	1.10	4.20	20.15	28.60	92.3	1	49
As	aerosol	0.12	0.12	0.08	2.52	0.01	0.02	0.08	0.34	0.62	92.3	0	49
Cd	aerosol	0.03	0.03	0.02	2.87	0.00	0.00	0.02	0.11	0.15	92.3	0	49
Co	aerosol	0.02	0.02	0.01	2.49	0.00	0.00	0.01	0.06	0.06	92.3	1	49
Cr	aerosol	0.07	0.08	0.04	3.06	0.01	0.01	0.04	0.29	0.37	92.3	7	49
Cu	aerosol	0.40	0.44	0.23	2.83	0.03	0.04	0.22	1.66	1.81	92.3	0	49
Fe	aerosol	12.96	9.19	10.37	2.00	2.12	3.06	10.85	32.27	47.77	92.3	0	49
Hg	aerosol	1.64	1.20	1.13	2.71	0.25	0.25	1.50	4.00	4.20	75.0	11	41
Hg	air+aerosol	1.37	0.20	1.36	1.15	1.10	1.10	1.30	1.70	2.40	21.6	0	79
Mn	aerosol	0.40	0.33	0.29	2.34	0.05	0.06	0.31	1.16	1.47	92.3	0	49
Ni	aerosol	0.40	0.49	0.17	4.59	0.00	0.01	0.17	1.71	1.73	92.3	2	49
Pb	aerosol	0.80	1.12	0.43	3.02	0.04	0.09	0.42	3.33	6.45	92.3	0	49
V	aerosol	0.49	0.77	0.22	3.36	0.02	0.05	0.20	2.33	4.15	92.3	0	49
Zn	aerosol	2.06	2.44	1.28	2.60	0.20	0.33	1.09	8.36	11.57	92.3	0	49

FI0037R Ähtäri II

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
Al	aerosol	20.38	20.09	14.14	2.37	1.00	3.35	14.25	74.21	111.60	96.9	0	52
As	aerosol	0.21	0.12	0.18	1.82	0.05	0.05	0.17	0.50	0.54	96.9	0	52
Cd	aerosol	0.07	0.05	0.05	2.28	0.01	0.01	0.05	0.16	0.22	96.9	0	52
Co	aerosol	0.04	0.03	0.03	1.99	0.01	0.01	0.03	0.12	0.15	96.9	0	52
Cr	aerosol	0.14	0.09	0.11	2.26	0.01	0.02	0.12	0.34	0.42	96.9	2	52
Cu	aerosol	0.47	0.26	0.41	1.80	0.10	0.16	0.48	0.98	1.33	96.9	0	52
Fe	aerosol	35.53	30.50	26.52	2.08	5.00	7.70	26.02	120.27	156.32	96.9	0	52
Mn	aerosol	1.25	0.80	1.05	1.75	0.36	0.43	1.03	3.27	4.46	96.9	0	52
Ni	aerosol	0.36	0.26	0.30	1.86	0.08	0.12	0.30	0.89	1.57	96.9	0	52
Pb	aerosol	1.54	1.30	1.10	2.32	0.23	0.27	1.06	3.93	6.82	96.9	0	52
V	aerosol	0.63	0.65	0.45	2.21	0.13	0.13	0.42	1.50	4.20	96.9	0	52
Zn	aerosol	5.78	3.73	4.66	1.99	0.94	1.43	4.74	12.76	16.96	96.9	0	52

FR0009R Revin

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.22	0.18	0.18	2.53	0.00	0.00	0.20	0.66	0.69	96.9	3	26
Cd	aerosol	0.12	0.29	0.09	3.51	0.00	0.00	0.12	1.12	1.52	96.9	2	26
Cr	aerosol	1.66	1.18	1.48	2.25	0.00	0.00	1.50	3.88	4.15	96.9	1	26
Cu	aerosol	2.58	1.60	2.27	2.28	0.00	0.00	2.60	5.73	5.74	96.9	0	26
Ni	aerosol	0.89	0.45	0.84	2.00	0.00	0.00	0.96	1.73	1.88	96.9	1	26
Pb	aerosol	4.84	3.50	3.49	4.04	0.00	0.00	4.88	12.18	13.56	96.9	0	26
Zn	aerosol	19.73	11.84	17.46	2.24	0.00	0.00	20.89	39.64	41.62	96.9	0	26

FR0013R Peyrusse Vieille

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.20	0.11	0.17	1.88	0.02	0.04	0.16	0.48	0.52	96.9	1	26
Cd	aerosol	0.06	0.04	0.05	2.14	0.00	0.01	0.06	0.15	0.15	96.9	1	26
Cr	aerosol	1.65	1.33	1.18	2.38	0.15	0.22	1.09	4.50	4.60	96.9	1	26
Cu	aerosol	1.87	0.95	1.66	1.57	0.74	0.77	1.67	4.57	5.14	96.9	0	26
Ni	aerosol	0.77	0.42	0.64	1.86	0.19	0.20	0.69	1.59	1.70	96.9	0	26
Pb	aerosol	2.72	1.07	2.52	1.52	1.02	1.07	2.67	4.95	4.96	96.9	0	26
Zn	aerosol	10.34	3.26	9.81	1.39	4.33	4.77	10.30	17.34	17.38	96.9	0	26

GB0013R Yarner Wood

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.51	0.32	0.42	1.88	0.13	0.15	0.41	1.18	1.57	99.7	0	54
Cd	pm10	0.06	0.05	0.04	2.65	0.01	0.01	0.06	0.17	0.21	99.7	6	54
Cr	pm10	0.64	0.97	0.26	3.36	0.12	0.12	0.12	3.23	3.28	99.7	36	54
Cu	pm10	1.52	1.32	1.07	2.47	0.16	0.20	0.88	4.12	5.61	99.7	0	54
Hg	pm10	0.91	0.64	0.55	3.27	0.05	0.06	0.98	2.05	2.10	96.9	0	23
Ni	pm10	0.68	0.69	0.49	2.22	0.06	0.12	0.50	2.04	4.27	99.7	0	54
Pb	pm10	3.23	2.27	2.34	2.47	0.37	0.39	2.89	7.72	8.53	99.7	0	54
Zn	pm10	5.27	4.15	4.34	1.82	2.98	2.98	2.99	14.61	20.09	99.7	38	54

GB0017R Heigham Holmes

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.50	0.29	0.43	1.80	0.11	0.13	0.42	1.10	1.61	94.2	0	54
Cd	pm10	0.10	0.07	0.08	1.97	0.02	0.03	0.08	0.25	0.42	94.2	0	54
Cr	pm10	0.91	1.14	0.41	3.84	0.12	0.12	0.17	3.56	3.97	94.2	29	54
Cu	pm10	2.05	1.54	1.66	2.28	0.06	0.33	1.87	5.03	9.20	94.2	1	54
Hg	pm10	0.65	1.21	0.20	6.90	0.00	0.00	0.25	4.88	5.62	92.7	2	23
Ni	pm10	1.11	0.98	0.84	2.23	0.20	0.23	0.87	3.65	4.44	94.2	0	54
Pb	pm10	5.14	5.16	4.02	2.06	0.74	1.06	3.92	11.97	36.37	94.2	0	54
Zn	pm10	8.33	5.50	7.21	1.84	2.98	2.98	7.93	19.16	32.33	94.2	17	54

GB0048R Auchencorth Moss

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.29	0.18	0.24	1.86	0.08	0.09	0.26	0.70	0.86	99.6	0	54
Cd	pm10	0.05	0.04	0.03	2.41	0.01	0.01	0.04	0.12	0.15	99.6	6	54
Co	pm10	0.03	0.03	0.03	1.80	0.02	0.02	0.02	0.08	0.13	99.6	37	54
Cr	pm10	0.47	0.72	0.23	3.00	0.12	0.12	0.12	2.40	3.04	99.6	40	54
Cu	pm10	1.96	4.93	0.97	3.54	0.06	0.10	0.92	7.20	35.11	99.6	2	54
Mn	pm10	1.15	0.97	0.85	2.18	0.13	0.23	0.74	3.30	4.89	99.6	0	54
Pb	pm10	2.52	1.84	1.99	2.12	0.37	0.58	2.08	7.00	7.34	99.6	0	54
Se	pm10	0.36	0.23	0.30	1.97	0.09	0.09	0.29	0.83	1.05	99.6	8	54
Ti	pm10	1.45	1.42	0.96	3.00	0.12	0.12	1.31	3.37	8.96	99.6	8	54
V	pm10	0.68	1.14	0.47	2.07	0.17	0.17	0.49	1.81	8.46	99.6	0	54
Zn	pm10	4.70	3.23	4.00	1.68	2.96	2.96	2.97	12.23	15.61	99.6	41	54
Sb	pm10	0.45	0.37	0.33	2.27	0.07	0.10	0.32	1.17	1.59	99.6	0	54
Ba	pm10	1.10	1.10	0.71	2.66	0.18	0.18	0.65	3.23	5.70	99.6	52	54
Li	pm10	0.04	0.03	0.03	2.03	0.01	0.01	0.04	0.09	0.14	99.6	7	54
U	pm10	0.01	0.00	0.01	1.15	0.01	0.01	0.01	0.01	0.01	99.6	54	54
Sr	pm10	0.69	0.29	0.62	1.62	0.09	0.31	0.71	1.17	1.73	99.6	1	54
Sn	pm10	0.82	2.10	0.31	3.67	0.02	0.02	0.33	3.98	12.31	99.6	3	54
Hg	aerosol	0.68	5.23	1.80	3.20	0.00	0.00	0.00	2.91	118.02	9.9	0	863
RGM	air	0.57	2.26	1.48	3.13	0.00	0.00	0.00	3.21	57.25	36.1	0	3164
TGM	air	0.63	0.28	0.60	1.42	0.42	0.42	0.55	1.48	1.66	100.1	0	25

GB0091R Banchory

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.29	0.17	0.25	1.82	0.06	0.09	0.27	0.68	0.75	95.9	0	52
Cd	pm10	0.06	0.06	0.04	2.83	0.01	0.01	0.04	0.20	0.26	95.9	7	52
Cr	pm10	0.42	0.75	0.23	2.88	0.12	0.12	0.12	2.49	3.62	95.9	36	52
Cu	pm10	1.25	1.19	0.71	3.54	0.06	0.06	0.95	3.69	5.34	95.9	6	52
Hg	pm10	2.41	6.89	0.89	2.85	0.16	0.17	0.79	28.62	33.02	96.7	0	22
Ni	pm10	0.48	0.58	0.28	3.02	0.03	0.03	0.30	2.05	2.88	95.9	5	52
Pb	pm10	2.75	3.53	1.67	2.80	0.18	0.30	1.66	6.92	23.46	95.9	2	52
Zn	pm10	4.05	2.62	3.62	1.51	2.98	2.98	3.00	11.72	14.99	95.9	43	52

HU0002R K-puszta

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
Cd	aerosol	0.27	0.21	0.21	2.11	0.07	0.07	0.22	0.62	1.50	99.5	32	121
Pb	aerosol	7.46	4.44	6.20	1.97	0.26	1.73	7.16	15.62	32.65	99.5	1	121

IS0002R Irafoss

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
Fe	aerosol	170.06	301.11	65.44	3.84	0.00	10.00	60.00	856.00	2190.00	98.8	0	361

LV0010R Rucava

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.33	0.28	0.20	3.75	0.01	0.01	0.26	0.88	0.88	26.3	2	14
Cd	pm10	0.17	0.21	0.08	4.00	0.01	0.01	0.13	0.83	0.83	26.3	3	14
Ni	pm10	1.56	2.19	0.66	4.04	0.20	0.20	0.32	8.01	8.01	26.3	8	14
Pb	pm10	5.97	2.89	4.79	2.42	0.33	0.33	5.92	10.35	10.35	26.3	1	14

NL0008R Bilthoven

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.53	0.50	0.38	2.21	0.15	0.15	0.40	1.65	2.95	49.3	64	180
Cd	aerosol	0.20	0.17	0.16	1.84	0.11	0.11	0.11	0.61	0.96	49.3	117	180
Ni	aerosol	1.70	1.15	1.40	1.90	0.18	0.47	1.32	4.32	5.91	49.3	3	180
Pb	aerosol	8.13	8.52	5.41	2.53	0.81	0.81	5.72	25.07	57.59	49.3	15	180
Zn	aerosol	34.97	24.40	27.41	2.07	7.25	7.25	27.73	79.57	151.17	49.0	23	179

NL0009R Kollumerwaard

January 2010 - December 2010

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	0.27	2.15	0.15	0.15	0.15	1.12	4.26	49.0	105	179
Cd	aerosol	0.16	0.14	0.14	1.65	0.11	0.11	0.11	0.53	0.91	49.0	144	179
Ni	aerosol	1.36	1.02	1.05	2.11	0.18	0.18	1.07	3.26	7.07	49.0	11	179
Pb	aerosol	5.34	5.77	3.26	2.76	0.81	0.81	3.48	17.47	33.30	49.0	44	179
Zn	aerosol	27.80	20.25	21.43	2.12	7.25	7.25	24.10	61.85	121.42	48.5	45	177

NL0010R Vredepeel

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.58	0.46	0.45	2.08	0.15	0.15	0.49	1.54	3.21	49.3	42	180
Cd	aerosol	0.23	0.23	0.18	1.93	0.11	0.11	0.11	0.69	2.01	49.0	104	179
Ni	aerosol	1.41	0.83	1.20	1.81	0.18	0.47	1.16	3.12	4.24	49.3	3	180
Pb	aerosol	8.89	6.29	7.14	1.95	0.81	2.34	6.98	22.80	32.70	49.0	1	179
Zn	aerosol	41.83	27.95	34.57	1.89	7.25	7.25	35.17	96.61	181.59	49.0	11	179

NO0002R Birkenes II

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.18	0.11	0.14	2.04	0.03	0.03	0.16	0.41	0.64	94.8	5	50
Cd	pm10	0.04	0.04	0.03	2.05	0.01	0.01	0.03	0.13	0.18	94.8	0	50
Co	pm10	0.03	0.03	0.02	2.41	0.00	0.00	0.03	0.09	0.18	94.8	6	50
Cr	pm10	0.39	0.42	0.27	2.20	0.14	0.14	0.15	1.41	2.28	94.8	49	50
Cu	pm10	0.82	1.73	0.51	2.25	0.06	0.11	0.56	1.64	12.57	94.8	5	50
Ni	pm10	0.50	0.31	0.40	2.08	0.04	0.10	0.44	1.20	1.45	94.8	2	50
Pb	pm10	1.88	2.32	1.31	2.16	0.25	0.41	1.22	5.50	15.34	94.8	0	50
V	pm10	0.61	0.48	0.40	2.80	0.04	0.05	0.45	1.56	1.82	94.8	3	50
Zn	pm10	4.06	3.37	3.06	2.13	0.56	0.84	3.04	10.72	19.39	94.8	0	50
Hg	air	1.66	0.16	1.65	1.10	1.03	1.40	1.68	1.91	2.30	56.5	0	4951

NO0042G Zeppelin mountain (Ny-Ålesund)

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.05	0.09	0.02	3.31	0.00	0.00	0.03	0.33	0.49	24.9	7	42
Cd	aerosol	0.01	0.02	0.01	3.99	0.00	0.00	0.01	0.08	0.11	24.9	2	42
Co	aerosol	0.01	0.02	0.01	2.90	0.00	0.00	0.01	0.06	0.09	24.9	1	42
Cr	aerosol	0.10	0.12	0.08	2.08	0.02	0.04	0.06	0.50	0.52	24.9	32	42
Cu	aerosol	0.17	0.32	0.08	3.37	0.01	0.01	0.08	1.01	1.79	24.9	10	42
Hg	air	1.56	0.17	1.55	1.14	0.16	1.27	1.57	1.79	2.39	92.7	0	8124
Mn	aerosol	0.45	0.74	0.23	4.02	0.00	0.01	0.32	2.28	4.29	24.9	2	42
Ni	aerosol	0.14	0.35	0.06	3.78	0.01	0.01	0.07	1.38	1.78	24.9	10	42
Pb	aerosol	0.38	0.73	0.17	3.63	0.03	0.03	0.18	2.14	4.16	24.9	12	42
V	aerosol	0.10	0.14	0.06	3.25	0.01	0.01	0.06	0.51	0.65	24.9	10	42
Zn	aerosol	1.00	1.90	0.47	3.61	0.03	0.04	0.55	7.01	8.75	24.9	2	42

NO0090R Andøya

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.07	0.10	0.04	2.33	0.01	0.01	0.04	0.31	0.63	24.7	0	46
Cd	aerosol	0.02	0.03	0.01	3.35	0.00	0.00	0.01	0.08	0.18	24.7	0	46
Co	aerosol	0.01	0.02	0.01	2.68	0.00	0.00	0.01	0.04	0.12	24.7	3	46
Cr	aerosol	0.44	1.89	0.17	2.06	0.09	0.12	0.14	0.40	12.98	24.7	41	46
Cu	aerosol	0.53	1.96	0.15	3.07	0.06	0.06	0.13	1.89	13.29	24.7	23	46
Hg	air	1.67	0.13	1.66	1.08	0.89	1.47	1.66	1.87	2.11	90.0	0	7882
Mn	aerosol	0.38	0.58	0.21	3.18	0.00	0.04	0.21	1.55	3.52	24.7	1	46
Ni	aerosol	0.32	1.25	0.08	3.38	0.03	0.03	0.06	1.08	8.52	24.7	19	46
Pb	aerosol	0.58	1.16	0.25	3.46	0.04	0.04	0.26	2.65	7.31	24.7	10	46
V	aerosol	0.25	0.45	0.15	2.35	0.03	0.04	0.14	1.53	2.43	24.7	0	46
Zn	aerosol	1.34	2.26	0.73	2.69	0.14	0.18	0.62	5.13	14.27	24.7	0	46

PL0005R Diabla Gora

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.30	0.24	0.25	2.02	0.00	0.06	0.20	0.90	1.00	83.8	0	51
Cd	pm10	0.14	0.14	0.14	1.74	0.00	0.00	0.10	0.44	0.70	83.8	0	51
Cr	pm10	0.48	0.28	0.40	1.84	0.07	0.13	0.41	1.10	1.45	83.8	0	51
Cu	pm10	0.85	0.50	0.71	1.89	0.20	0.20	0.70	1.90	2.20	83.8	0	51
Hg	air	1.28	0.79	1.11	1.70	0.50	0.50	1.20	3.59	4.20	14.5	11	53
Ni	pm10	0.62	0.36	0.53	1.81	0.13	0.16	0.54	1.50	1.87	83.8	0	51
Pb	pm10	4.00	3.49	2.61	2.77	0.20	0.46	3.10	11.94	13.20	83.8	0	51
Zn	pm10	15.78	11.99	11.84	2.25	1.20	2.62	12.90	43.98	49.10	83.8	0	51

RO0008R Poiana Stampei

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.23	0.07	0.23	1.21	0.20	0.20	0.21	0.24	0.78	80.0	0	292
Cd	aerosol	0.41	0.26	0.33	2.06	0.08	0.09	0.36	0.92	1.44	80.0	0	292
Ni	aerosol	1.84	2.12	1.15	2.47	0.56	0.56	0.61	6.39	15.80	80.0	0	292
Pb	aerosol	3.77	5.06	10.20	1.12	0.00	0.00	0.00	10.00	20.00	80.0	0	292

SE0005R BredkÃ¤len

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.01	0.02	0.01	1.93	0.01	0.01	0.01	0.07	0.07	93.4	11	12
Cd	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	0.01	0.01	93.4	12	12
Cr	aerosol	0.93	0.03	0.93	1.04	0.86	0.86	0.93	0.98	0.98	93.4	12	12
Cu	aerosol	0.05	0.05	0.03	2.69	0.01	0.01	0.01	0.13	0.13	93.4	8	12
Hg	air+aerosol	1.43	0.23	1.41	1.17	1.00	1.10	1.40	1.85	1.90	13.2	0	48
Mn	aerosol	0.11	0.15	0.07	2.29	0.04	0.04	0.05	0.55	0.55	93.4	10	12
Ni	aerosol	0.49	0.02	0.49	1.04	0.46	0.46	0.49	0.52	0.52	93.4	12	12
Pb	aerosol	0.33	0.30	0.24	2.20	0.05	0.05	0.27	1.20	1.20	93.4	0	12
V	aerosol	0.06	0.14	0.17	2.53	0.00	0.00	0.00	0.50	0.50	93.4	7	12
Zn	aerosol	1.41	1.64	0.68	3.55	0.25	0.25	0.25	4.90	4.90	93.4	7	12

SE0011R Vavihill

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.16	0.08	0.13	2.56	0.01	0.01	0.17	0.28	0.28	81.9	0	12
Cd	aerosol	0.05	0.03	0.04	2.10	0.00	0.00	0.04	0.08	0.08	81.9	1	12
Co	aerosol	0.02	0.01	0.02	1.75	0.00	0.00	0.02	0.04	0.04	81.9	0	12
Cr	aerosol	0.21	0.12	0.19	1.67	0.10	0.10	0.18	0.52	0.52	81.9	9	12
Cu	aerosol	0.72	0.36	0.63	1.75	0.20	0.20	0.68	1.44	1.44	81.9	0	12
Hg	air+aerosol	1.43	0.20	1.42	1.16	1.00	1.10	1.50	1.70	1.90	12.6	0	46
Mn	aerosol	1.14	0.69	0.88	1.98	0.34	0.34	0.99	2.45	2.45	81.9	0	12
Ni	aerosol	0.49	0.34	0.32	2.98	0.04	0.04	0.45	1.07	1.07	81.9	3	12
Pb	aerosol	1.35	0.82	1.06	2.32	0.15	0.15	1.28	2.98	2.98	81.9	0	12
V	aerosol	0.87	0.66	0.61	2.97	0.00	0.00	0.75	1.80	1.80	81.9	0	12
Zn	aerosol	5.30	2.96	4.23	2.25	0.60	0.60	5.00	10.30	10.30	81.9	0	12

SE0012R Aspvreten

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.29	0.07	0.28	1.30	0.17	0.17	0.30	0.38	0.38	96.7	0	12
Cd	aerosol	0.07	0.03	0.06	1.68	0.02	0.02	0.07	0.13	0.13	96.7	0	12
Co	aerosol	0.03	0.01	0.03	1.57	0.01	0.01	0.03	0.05	0.05	96.7	0	12
Cr	aerosol	0.13	0.01	0.13	1.10	0.10	0.10	0.13	0.14	0.14	96.7	12	12
Cu	aerosol	0.59	0.14	0.57	1.27	0.40	0.40	0.57	0.83	0.83	96.7	0	12
Mn	aerosol	1.66	0.52	1.56	1.41	0.73	0.73	1.72	2.76	2.76	96.7	0	12
Ni	aerosol	0.52	0.32	0.36	2.79	0.07	0.07	0.57	0.92	0.92	96.7	3	12
Pb	aerosol	1.80	1.06	1.53	1.81	0.62	0.62	1.67	4.17	4.17	96.7	0	12
V	aerosol	0.95	0.51	0.80	1.83	0.30	0.30	0.95	1.90	1.90	96.7	0	12
Zn	aerosol	6.13	3.22	5.43	1.65	2.80	2.80	5.80	13.60	13.60	96.7	0	12

SE0014R RÃ¥Ã¶

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.10	0.08	0.06	4.27	0.01	0.01	0.12	0.27	0.27	92.9	3	12
Cd	aerosol	0.03	0.03	0.02	2.33	0.01	0.01	0.01	0.09	0.09	92.9	7	12
Co	aerosol	0.01	0.01	0.02	1.73	0.00	0.00	0.01	0.03	0.03	92.9	6	12
Cr	aerosol	0.93	0.03	0.93	1.04	0.83	0.83	0.94	0.96	0.96	92.9	12	12
Cu	aerosol	0.51	0.49	0.39	1.94	0.18	0.18	0.39	1.97	1.97	92.9	0	12
Hg	aerosol	7.22	4.82	6.03	1.82	1.30	2.12	6.30	18.09	28.00	27.9	0	102
Hg	air+aerosol	1.48	0.22	1.46	1.19	0.60	1.10	1.50	1.79	2.10	27.4	0	100
Mn	aerosol	0.79	0.52	0.61	2.47	0.06	0.06	0.72	1.81	1.81	92.9	1	12
Ni	aerosol	0.49	0.02	0.49	1.04	0.45	0.45	0.50	0.52	0.52	92.9	12	12
Pb	aerosol	1.11	0.93	0.85	2.10	0.28	0.28	0.80	3.16	3.16	92.9	0	12
V	aerosol	0.79	0.48	0.64	2.00	0.20	0.20	0.80	1.70	1.70	92.9	0	12
Zn	aerosol	4.75	3.50	3.98	1.85	1.50	1.50	3.90	13.50	13.50	92.9	0	12

SI0008R Iskrba

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
Al	pm10	62.12	61.44	49.94	1.76	36.25	36.25	36.25	160.69	575.00	48.8	129	178
Al	pm25	43.68	108.10	39.58	1.46	36.25	36.25	36.25	82.881	451.40	48.3	164	177
As	pm10	0.34	0.40	0.22	2.39	0.09	0.09	0.22	1.02	3.46	48.8	71	178
As	pm25	0.33	0.38	0.22	2.36	0.09	0.09	0.20	1.10	3.20	48.2	69	176
Cd	pm10	0.10	0.10	0.07	2.21	0.03	0.03	0.07	0.33	0.60	48.8	43	178
Cd	pm25	0.11	0.10	0.08	2.24	0.03	0.03	0.10	0.30	0.60	48.2	46	176
Cr	pm10	1.95	0.64	1.90	1.23	1.80	1.80	1.80	3.60	5.91	48.8	167	178
Cr	pm25	1.88	0.46	1.85	1.17	1.80	1.80	1.80	1.80	5.91	48.2	170	176
Cu	pm10	1.08	0.69	0.88	1.89	0.45	0.45	1.00	2.40	3.80	48.8	76	178
Cu	pm25	1.08	0.69	0.88	1.88	0.45	0.45	1.00	2.40	3.80	48.2	74	176
Fe	pm10	38.84	31.33	33.70	1.57	27.20	27.20	27.20	90.71	293.90	48.8	141	178
Fe	pm25	39.00	31.39	33.84	1.57	27.20	27.20	27.20	90.73	293.90	48.2	138	176
Ni	pm10	1.78	2.81	1.31	2.03	0.55	0.55	1.45	3.47	36.28	48.8	55	178
Ni	pm25	1.75	2.81	1.29	2.01	0.55	0.55	1.45	3.42	36.28	48.2	55	176
Pb	pm10	2.98	2.48	2.33	1.98	0.20	0.90	2.15	8.31	15.90	48.8	1	178
Pb	pm25	2.95	2.47	2.31	1.98	0.20	0.89	2.10	8.33	15.90	48.2	1	176
Zn	pm10	23.01	11.10	20.33	1.68	10.00	10.00	23.90	44.84	70.00	48.8	55	178
Zn	pm25	22.75	11.19	20.03	1.68	10.00	10.00	23.80	44.92	70.00	48.2	57	176

SK0002R Chopok

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	aerosol	0.27	0.26	0.18	2.42	0.03	0.04	0.17	0.87	1.11	96.7	0	51
Cd	aerosol	0.04	0.04	0.03	2.25	0.01	0.01	0.03	0.12	0.22	96.7	0	51
Cr	aerosol	0.74	0.38	0.66	1.68	0.09	0.27	0.67	1.47	2.39	96.7	0	51
Cu	aerosol	0.86	1.63	0.61	1.85	0.16	0.29	0.60	1.60	12.09	96.7	0	51
Ni	aerosol	0.40	0.18	0.38	1.53	0.10	0.19	0.38	0.76	1.03	96.7	0	51
Pb	aerosol	1.35	0.96	1.04	2.19	0.17	0.27	1.15	3.70	4.29	96.7	0	51
Zn	aerosol	3.69	2.66	2.93	2.00	0.84	1.01	2.87	9.95	12.60	96.7	0	51

SK0004R Stará Lesná

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.64	0.53	0.51	2.02	0.12	0.12	0.47	2.08	2.67	67.9	0	35
Cd	pm10	0.18	0.12	0.15	1.84	0.05	0.06	0.14	0.48	0.49	67.9	0	35
Cr	pm10	0.72	0.40	0.57	2.44	0.01	0.13	0.75	1.43	1.52	67.9	0	35
Cu	pm10	2.28	1.76	1.98	1.63	0.97	1.06	1.98	6.43	11.03	67.9	0	35
Ni	pm10	0.44	0.15	0.42	1.36	0.24	0.25	0.39	0.82	0.83	67.9	0	35
Pb	pm10	6.32	5.30	5.19	1.83	1.56	1.80	5.12	17.20	31.21	67.9	0	35
Zn	pm10	14.34	11.80	11.89	1.81	4.56	4.93	11.80	43.68	67.63	67.9	0	35

SK0006R Starina

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	0.56	0.33	0.48	1.79	0.14	0.17	0.51	1.35	1.56	98.6	0	51
Cd	pm10	0.20	0.12	0.17	1.77	0.05	0.06	0.18	0.53	0.55	98.6	0	51
Cr	pm10	0.94	0.51	0.79	1.80	0.11	0.27	0.86	1.72	3.18	98.6	0	51
Cu	pm10	1.65	0.58	1.54	1.45	0.66	0.76	1.56	2.57	3.10	98.6	0	51
Ni	pm10	0.62	0.20	0.58	1.38	0.25	0.34	0.55	1.05	1.10	98.6	0	51
Pb	pm10	5.98	3.38	5.03	1.79	1.41	1.59	5.28	14.11	15.24	98.6	0	51
Zn	pm10	11.73	6.43	9.96	1.73	2.78	3.56	9.69	27.14	29.28	98.6	0	51

SK0007R Topolniky

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
As	pm10	1.25	0.80	0.99	1.85	0.32	0.34	1.06	2.67	4.52	98.6	0	49
Cd	pm10	0.29	0.21	0.23	1.86	0.07	0.08	0.23	0.89	1.12	98.6	0	49
Cr	pm10	1.00	0.41	0.93	1.58	0.30	0.39	1.04	1.76	1.95	98.6	0	49
Cu	pm10	3.33	1.05	3.16	1.40	1.40	1.66	3.31	5.17	5.75	98.6	0	49
Ni	pm10	0.71	0.28	0.64	1.49	0.27	0.34	0.62	1.24	1.41	98.6	0	49
Pb	pm10	10.40	6.76	8.38	1.97	0.67	3.66	8.28	25.73	34.63	98.6	0	49
Zn	pm10	20.02	13.96	16.04	1.87	5.43	5.85	15.32	53.43	68.22	98.6	0	49

Annex 3

Annual statistics for POPs in precipitation

BE0014R Koksijde

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
PCB_101	precip	1.000	1.000	1.000	1170.8	100.0	14	14
PCB_118	precip	0.500	0.500	0.500	585.4	100.0	14	14
PCB_138	precip	0.500	0.500	0.500	585.4	100.0	14	14
PCB_153	precip	0.500	0.500	0.500	585.4	100.0	14	14
PCB_180	precip	0.500	0.500	0.500	585.4	100.0	14	14
PCB_28	precip	1.500	1.500	1.500	1756.2	100.0	14	14
PCB_52	precip	1.500	1.500	1.500	1756.2	100.0	14	14
alpha_HCH	precip	0.33	0.33	0.33	380.5	100.0	14	14
beta_HCH	precip	0.20	0.20	0.20	234.2	100.0	14	14
dieldrin	precip	0.20	0.20	0.20	234.2	100.0	14	14
endrin	precip	1.00	1.00	1.00	1170.8	100.0	14	14
gamma_HCH	precip	0.50	0.20	1.77	588.5	100.0	10	14
heptachlor	precip	1.20	1.00	4.48	1401.2	100.0	12	14
op_DDD	precip	0.50	0.50	0.50	585.4	100.0	14	14
op_DDE	precip	1.00	1.00	1.00	1170.8	100.0	14	14
op_DDT	precip	1.00	1.00	1.00	1170.8	100.0	14	14
pp_DDD	precip	0.50	0.50	0.50	585.4	100.0	14	14
pp_DDE	precip	0.68	0.68	0.68	790.3	100.0	14	14
pp_DDT	precip	0.58	0.50	1.74	681.4	100.0	13	14

CZ0003R Kosetice

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
PCB_101	precip	0.050	0.050	0.050	43.9	90.8	113	113
PCB_118	precip	0.050	0.050	0.050	43.9	90.8	113	113
PCB_138	precip	0.050	0.050	0.050	43.9	90.8	113	113
PCB_153	precip	0.051	0.050	0.100	44.7	90.8	112	113
PCB_180	precip	0.050	0.050	0.050	43.9	90.8	113	113
PCB_28	precip	0.092	0.050	0.300	80.7	90.8	59	113
PCB_52	precip	0.099	0.050	0.600	87.1	90.8	64	113
acenaphthene	precip	0.50	0.05	1.60	441.3	90.8	18	113
acenaphthylene	precip	0.92	0.05	8.90	804.8	90.8	23	113
alpha_HCH	precip	0.32	0.05	1.60	277.2	90.8	21	113
anthracene	precip	0.19	0.05	3.90	166.5	90.8	65	113
benzo_a_anthracene	precip	2.25	0.05	80.20	1974.2	90.8	39	113
benzo_a_pyrene	precip	3.040	0.050	69.500	2670.3	90.8	8	113
benzo_b_fluoranthene	precip	4.48	0.05	108.50	3938.4	90.8	5	113
benzo_k_fluoranthene	precip	2.16	0.05	44.50	1894.2	90.8	10	113
chrysene	precip	5.98	0.05	111.20	5248.3	90.8	4	113
dibenzo_ah_anthracene	precip	0.20	0.05	6.10	179.3	90.8	73	113
fluorene	precip	3.68	0.05	24.30	3229.0	90.8	2	113
gamma_HCH	precip	0.56	0.05	2.10	492.3	90.8	5	113
inden_123cd_pyrene	precip	2.52	0.05	72.50	2211.9	90.8	18	113
phenanthrene	precip	17.64	0.05	158.20	15497.2	90.8	2	113
pp_DDD	precip	0.05	0.05	0.05	43.9	90.8	113	113
pp_DDE	precip	0.07	0.05	0.40	57.8	90.8	75	113
pp_DDT	precip	0.05	0.05	0.10	44.0	90.8	112	113
pyrene	precip	11.39	0.05	204.00	10007.2	90.8	2	113

DE0001R Westerland

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
HCB	precip	0.04	0.02	0.09	32.2	100.0	0	12
PCB_101	precip	0.083	0.054	0.197	61.0	100.0	0	12
PCB_118	precip	0.029	0.013	0.079	21.1	100.0	0	12
PCB_138	precip	0.462	0.057	2.991	340.4	100.0	0	12
PCB_153	precip	0.495	0.054	3.086	364.9	100.0	0	12
PCB_180	precip	0.050	0.023	0.149	37.0	88.5	0	11
PCB_28	precip	0.033	0.025	0.071	24.6	100.0	0	12
PCB_52	precip	0.029	0.015	0.070	21.6	100.0	0	12
alpha_HCH	precip	0.17	0.09	0.25	121.9	100.0	0	12
anthracene	precip	0.89	0.10	11.40	656.5	100.0	0	12
benzo_a_anthracene	precip	2.58	0.98	7.38	1903.6	100.0	0	12
benzo_a_pyrene	precip	2.699	0.690	7.760	1987.8	100.0	0	12
benzo_bjk_fluoranthenes	precip	10.84	3.00	39.00	7985.2	100.0	0	12
benzo_ghi_perylene	precip	3.44	1.00	12.50	2532.0	100.0	0	12
chrysene_triphenylene	precip	8.15	2.40	33.00	6004.7	100.0	0	12
dibenzo_ah_anthracene	precip	0.72	0.16	2.42	529.1	100.0	0	12
dieldrin	precip	0.09	0.04	0.16	65.1	100.0	0	12
endrin	precip	0.02	0.01	0.12	15.9	100.0	0	12
fluoranthene	precip	13.43	4.90	42.40	9892.0	100.0	0	12
gamma_HCH	precip	0.72	0.26	2.58	527.9	100.0	0	12
heptachlor	precip	0.01	0.00	0.02	4.1	100.0	0	12
inden_123cd_pyrene	precip	3.35	0.68	11.09	2470.5	100.0	0	12
op_DDD	precip	0.01	0.00	0.04	6.4	100.0	0	12
op_DDE	precip	0.01	0.00	0.03	5.7	100.0	0	12
op_DDT	precip	0.01	0.01	0.04	8.6	100.0	0	12
phenanthrene	precip	15.23	0.70	37.00	11214.8	100.0	0	12
pp_DDD	precip	0.01	0.00	0.04	7.1	100.0	0	12
pp_DDE	precip	0.02	0.01	0.07	15.0	100.0	0	12
pp_DDT	precip	0.03	0.02	0.13	21.9	100.0	0	12
pyrene	precip	8.09	2.20	23.30	5956.6	100.0	0	12

DE0003R Schauinsland

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
anthracene	precip	0.64	0.08	1.96	997.7	100.0	0	12
benzo_a_anthracene	precip	3.18	0.34	9.50	4957.8	100.0	0	12
benzo_a_pyrene	precip	3.410	0.340	9.590	5315.0	100.0	0	12
benzo_bjk_fluoranthenes	precip	17.28	1.50	53.80	26934.3	100.0	0	12
benzo_ghi_perylene	precip	5.31	0.48	14.15	8277.3	100.0	0	12
dibenzo_ah_anthracene	precip	0.85	0.08	2.41	1321.5	100.0	0	12
fluoranthene	precip	17.78	2.94	48.57	27712.3	100.0	0	12
inden_123cd_pyrene	precip	5.03	0.46	14.15	7836.9	100.0	0	12
phenanthrene	precip	16.66	6.48	38.95	25970.7	100.0	0	12
pyrene	precip	11.11	1.60	31.90	17318.2	100.0	0	12

DE0008R SchmÃ¼cke

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
anthracene	precip	0.90	0.10	4.42	1179.4	100.0	0	12
benzo_a_anthracene	precip	4.72	0.39	15.30	6181.3	100.0	0	12
benzo_a_pyrene	precip	5.728	0.510	19.620	7504.6	100.0	0	12
benzo_bjk_fluoranthenes	precip	22.98	2.00	78.80	30114.1	100.0	0	12
benzo_ghi_perylene	precip	9.11	0.73	36.25	11930.7	100.0	0	12
chrysene_triphenylene	precip	14.98	1.40	54.30	19633.7	100.0	0	12
dibenzo_ah_anthracene	precip	1.38	0.11	5.77	1813.7	100.0	0	12
fluoranthene	precip	24.45	2.20	99.10	32040.4	100.0	0	12
inden_123cd_pyrene	precip	8.63	0.57	35.42	11314.5	100.0	0	12
phenanthrene	precip	19.95	4.10	54.30	26134.6	100.0	0	12
pyrene	precip	16.62	1.80	69.80	21770.7	100.0	0	12

ES0001R San Pablo de los Montes

15 March 2010 - 11 May 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
acenaphthene	precip+dry_dep	0.09	0.09	0.09	0.1	15.6	1	1
acenaphthylene	precip+dry_dep	0.07	0.07	0.07	0.1	15.6	1	1
anthracene	precip+dry_dep	21.84	21.84	21.84	21.8	15.6	0	1
benzo_a_anthracene	precip+dry_dep	27.98	27.98	27.98	28.0	15.6	0	1
benzo_a_pyrene	precip+dry_dep	21.560	21.560	21.560	21.6	15.6	0	1
benzo_b_fluoranthene	precip+dry_dep	15.93	15.93	15.93	15.9	15.6	0	1
benzo_ghi_perylene	precip+dry_dep	0.01	0.01	0.01	0.0	15.6	1	1
benzo_k_fluoranthene	precip+dry_dep	13.42	13.42	13.42	13.4	15.6	0	1
chrysene	precip+dry_dep	27.56	27.56	27.56	27.6	15.6	0	1
dibenzo_ah_anthracene	precip+dry_dep	0.01	0.01	0.01	0.0	15.6	1	1
fluoranthene	precip+dry_dep	10.08	10.08	10.08	10.1	15.6	0	1
fluorene	precip+dry_dep	0.02	0.02	0.02	0.0	15.6	1	1
inden_123cd_pyrene	precip+dry_dep	0.02	0.02	0.02	0.0	15.6	1	1
phenanthrene	precip+dry_dep	25.34	25.34	25.34	25.3	15.6	0	1
pyrene	precip+dry_dep	12.35	12.35	12.35	12.3	15.6	0	1

ES0007R Váznar

24 May 2010 - 19 July 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
acenaphthene	precip+dry_dep	13.32	13.32	13.32	13.3	15.3	0	1
acenaphthylene	precip+dry_dep	0.07	0.07	0.07	0.1	15.3	1	1
anthracene	precip+dry_dep	0.01	0.01	0.01	0.0	15.3	1	1
benzo_a_anthracene	precip+dry_dep	0.02	0.02	0.02	0.0	15.3	1	1
benzo_a_pyrene	precip+dry_dep	0.020	0.020	0.020	0.0	15.3	1	1
benzo_b_fluoranthene	precip+dry_dep	0.02	0.02	0.02	0.0	15.3	1	1
benzo_ghi_perylene	precip+dry_dep	0.01	0.01	0.01	0.0	15.3	1	1
benzo_k_fluoranthene	precip+dry_dep	0.02	0.02	0.02	0.0	15.3	1	1
chrysene	precip+dry_dep	0.01	0.01	0.01	0.0	15.3	1	1

ES0008R Niembro

11 January 2010 - 8 March 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
acenaphthene	precip+dry_dep	0.09	0.09	0.09	0.1	15.3	1	1
acenaphthylene	precip+dry_dep	220.39	220.39	220.39	220.4	15.3	0	1
anthracene	precip+dry_dep	141.00	141.00	141.00	141.0	15.3	0	1
benzo_a_anthracene	precip+dry_dep	0.02	0.02	0.02	0.0	15.3	1	1
benzo_a_pyrene	precip+dry_dep	0.020	0.020	0.020	0.0	15.3	1	1
benzo_b_fluoranthene	precip+dry_dep	0.02	0.02	0.02	0.0	15.3	1	1
benzo_ghi_perylene	precip+dry_dep	0.01	0.01	0.01	0.0	15.3	1	1
benzo_k_fluoranthene	precip+dry_dep	0.02	0.02	0.02	0.0	15.3	1	1
chrysene	precip+dry_dep	220.88	220.88	220.88	220.9	15.3	0	1
dibenzo_ah_anthracene	precip+dry_dep	0.01	0.01	0.01	0.0	15.3	1	1
fluoranthene	precip+dry_dep	113.94	113.94	113.94	113.9	15.3	0	1
fluorene	precip+dry_dep	0.02	0.02	0.02	0.0	15.3	1	1
inden_123cd_pyrene	precip+dry_dep	0.02	0.02	0.02	0.0	15.3	1	1
phenanthrene	precip+dry_dep	194.56	194.56	194.56	194.6	15.3	0	1
pyrene	precip+dry_dep	180.44	180.44	180.44	180.4	15.3	0	1

ES0014R Els Torms

12 August 2010 - 28 September 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
acenaphthylene	precip+dry_dep	0.07	0.07	0.07	0.1	15.6	1	1
anthracene	precip+dry_dep	58.37	58.37	58.37	58.4	15.6	0	1
benzo_a_anthracene	precip+dry_dep	45.46	45.46	45.46	45.5	15.6	0	1
benzo_a_pyrene	precip+dry_dep	65.470	65.470	65.470	65.5	15.6	0	1
benzo_b_fluoranthene	precip+dry_dep	50.83	50.83	50.83	50.8	15.6	0	1
benzo_ghi_perylene	precip+dry_dep	57.06	57.06	57.06	57.1	15.6	0	1
benzo_k_fluoranthene	precip+dry_dep	41.49	41.49	41.49	41.5	15.6	0	1
chrysene	precip+dry_dep	43.95	43.95	43.95	44.0	15.6	0	1
dibenzo_ah_anthracene	precip+dry_dep	0.01	0.01	0.01	0.0	15.6	1	1
fluoranthene	precip+dry_dep	45.87	45.87	45.87	45.9	15.6	0	1
fluorene	precip+dry_dep	0.02	0.02	0.02	0.0	15.6	1	1
inden_123cd_pyrene	precip+dry_dep	62.40	62.40	62.40	62.4	15.6	0	1
phenanthrene	precip+dry_dep	52.65	52.65	52.65	52.6	15.6	0	1
pyrene	precip+dry_dep	45.00	45.00	45.00	45.0	15.6	0	1

FI0096G Pallas (Sammaltunturi)

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
PCB_101	precip+dry_dep	0.041	0.010	0.120	0.5	99.1	0	12
PCB_118	precip+dry_dep	0.012	0.010	0.020	0.1	99.1	0	12
PCB_138	precip+dry_dep	0.014	0.010	0.040	0.2	99.1	0	12
PCB_153	precip+dry_dep	0.017	0.010	0.030	0.2	99.1	0	12
PCB_180	precip+dry_dep	0.013	0.000	0.040	0.1	99.1	0	12
PCB_28	precip+dry_dep	0.005	0.005	0.005	0.1	99.1	12	12
PCB_52	precip+dry_dep	0.063	0.005	0.160	0.7	99.1	7	12
alpha_HCH	precip+dry_dep	0.10	0.02	0.24	1.2	99.1	0	12
anthracene	precip+dry_dep	0.00	0.00	0.00	0.0	99.1	0	12
benzo_a_pyrene	precip+dry_dep	0.878	0.000	2.000	9.9	99.1	0	12
benzo_ghi_perylene	precip+dry_dep	1.20	0.00	3.00	13.8	99.1	0	12
chrysene	precip+dry_dep	1.70	0.00	3.00	19.8	99.1	0	12
fluoranthene	precip+dry_dep	4.25	1.00	9.00	49.5	99.1	0	12
gamma_HCH	precip+dry_dep	0.10	0.00	0.32	1.2	99.1	0	12
inden_123cd_pyrene	precip+dry_dep	1.19	0.00	3.00	13.9	99.1	0	12
phenanthrene	precip+dry_dep	4.26	1.00	8.00	49.6	99.1	0	12
pyrene	precip+dry_dep	2.56	1.00	5.00	29.7	99.1	0	12

IS0091R Storhofdi

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
HCB	precip	0.02	0.01	0.06	10.6	100.0	3	12
PCB_101	precip	0.005	0.001	0.017	2.4	100.0	8	12
PCB_105	precip	0.00	0.00	0.01	1.2	100.0	12	12
PCB_118	precip	0.002	0.001	0.005	1.2	100.0	12	12
PCB_138	precip	0.007	0.002	0.024	3.6	100.0	1	12
PCB_153	precip	0.007	0.002	0.014	3.4	100.0	6	12
PCB_156	precip	0.00	0.00	0.01	1.4	100.0	11	12
PCB_180	precip	0.005	0.001	0.009	2.6	100.0	8	12
PCB_28	precip	0.012	0.003	0.062	6.1	100.0	10	12
PCB_31	precip	0.009	0.002	0.032	4.4	100.0	10	12
PCB_52	precip	0.005	0.001	0.022	2.4	100.0	7	12
alpha_HCH	precip	0.05	0.02	0.10	26.0	100.0	0	12
beta_HCH	precip	0.00	0.00	0.01	1.7	100.0	8	12
cis_CD	precip	0.00	0.00	0.01	1.3	100.0	11	12
dieldrin	precip	0.02	0.01	0.05	12.3	100.0	0	12
gamma_HCH	precip	0.02	0.01	0.04	8.8	100.0	0	12
op_DDT	precip	0.00	0.00	0.01	2.2	100.0	9	12
pp_DDD	precip	0.01	0.00	0.02	2.7	100.0	3	12
pp_DDE	precip	0.00	0.00	0.01	1.5	100.0	10	12
pp_DDT	precip	0.00	0.00	0.01	2.1	100.0	11	12
trans_CD	precip	0.00	0.00	0.01	1.2	100.0	12	12
trans_NO	precip	0.00	0.00	0.01	1.2	100.0	12	12

NL0091R De Zilk

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
gamma_HCH	precip	1.87	1.00	5.00	1438.4	100.0	0	10

NO0001R Birkenes

January 2010 - December 2010; PAHs from 24 May

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
HCB	precip	0.09	0.02	0.63	95.8	99.6	0	52
N1methylnaphtalene	precip	2.47	1.00	14.84	1974.8	96.5	24	30
N1methylphenanthrene	precip	2.33	0.33	6.89	1865.0	96.5	19	30
N2methylanthracene	precip	0.82	0.35	5.21	657.2	96.5	28	30
N2methylnaphtalene	precip	3.44	1.43	21.14	2753.3	96.5	23	30
N2methylphenanthrene	precip	2.87	0.40	8.11	2293.0	96.5	18	30
N3methylphenanthrene	precip	2.33	0.39	6.20	1866.3	96.5	19	30
N9methylphenanthrene	precip	2.06	0.34	5.98	1646.0	96.5	19	30
PCB_101	precip	0.007	0.000	0.035	7.6	97.6	17	50
PCB_118	precip	0.005	0.001	0.041	6.0	89.5	18	50
PCB_138	precip	0.007	0.000	0.061	7.4	97.5	24	49
PCB_153	precip	0.009	0.001	0.059	10.2	98.1	13	51
PCB_180	precip	0.006	0.000	0.053	7.0	99.6	26	52
PCB_28	precip	0.011	0.002	0.044	12.7	94.9	6	50
PCB_52	precip	0.010	0.001	0.035	10.6	98.1	4	51
PCB_99	precip	0.00	0.00	0.01	2.7	99.6	37	52
acenaphthene	precip	1.42	0.46	9.76	1138.4	96.5	30	30
acenaphthylene	precip	1.85	0.68	10.11	1481.4	96.5	27	30
alpha_HCH	precip	0.15	0.01	0.40	163.9	99.6	1	52
anthanthrene	precip	1.85	0.60	8.91	1484.4	96.5	28	30
anthracene	precip	1.13	0.40	5.93	906.7	96.5	27	30
benz_a_anthracene	precip	4.29	0.30	17.48	3431.0	96.5	19	30
benzo_a_fluoranthene	precip	3.54	0.93	13.76	2837.1	96.5	28	30
benzo_a_fluorene	precip	1.05	0.35	5.27	844.5	44.6	21	21
benzo_a_pyrene	precip	7.737	0.782	33.376	6191.6	96.5	23	30
benzo_b_fluorene	precip	1.11	0.38	5.60	886.7	47.0	22	22
benzo_bjk_fluoranthenes	precip	26.22	2.60	103.44	20981.8	96.5	20	30
benzo_e_pyrene	precip	10.13	1.35	34.50	8104.9	96.5	20	30
benzo_ghi_fluoranthene	precip	9.75	1.57	33.52	7801.9	96.5	22	30
benzo_ghi_perylene	precip	3.92	0.24	14.52	3133.4	96.5	19	30
biphenyl	precip	2.48	1.00	14.79	1980.8	96.5	26	30
chrysene_triphenylene	precip	4.36	0.96	9.96	3487.8	64.1	11	26
coronene	precip	5.47	0.76	22.82	4376.4	96.5	26	30
cyclopenta_cd_pyrene	precip	1.98	0.21	7.59	1583.4	96.5	23	30
dibenzo_ac_ah_anthracenes	precip	2.88	1.17	17.31	2308.6	77.7	28	28
dibenzo_ae_pyrene	precip	3.48	1.41	20.88	2785.2	77.7	28	28
dibenzo_ah_pyrene	precip	6.24	2.01	42.84	4996.4	96.5	30	30
dibenzo_ai_pyrene	precip	6.16	1.98	42.26	4928.7	96.5	30	30
dibenzofuran	precip	2.85	0.85	12.67	2279.0	96.5	22	30
dibenzothiophene	precip	1.07	0.41	6.10	859.3	96.5	26	30
fluoranthene	precip	21.25	1.49	80.84	17009.3	96.5	2	30
fluorene	precip	2.58	0.60	8.88	2065.5	96.5	20	30
gamma_HCH	precip	0.28	0.00	0.77	314.1	99.6	3	52
inden_123cd_pyrene	precip	12.06	0.72	55.55	9651.8	96.5	22	30
naphtalene	precip	8.50	3.22	51.37	6805.1	96.5	22	30
perylene	precip	3.56	1.28	18.94	2846.2	96.5	28	30
phenanthrene	precip	14.23	1.81	44.71	11389.9	96.5	0	30
pyrene	precip	15.46	1.30	58.03	12368.8	96.5	6	30
retene	precip	3.10	0.64	12.17	2481.2	93.0	18	29

PL0005R Diabla Gora

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
benz_a_anthracene	precip	11.69	2.20	34.80	6700.7	100.0	0	11
benzo_a_pyrene	precip	13.734	3.200	54.200	7870.3	100.0	0	11
benzo_b_fluoranthene	precip	19.67	3.50	99.50	11272.7	100.0	0	11
benzo_k_fluoranthene	precip	6.79	1.20	35.20	3888.0	100.0	0	11
dibenzo_ah_anthracene	precip	5.62	0.70	40.90	3220.4	100.0	0	11
inden_123cd_pyrene	precip	15.34	3.00	92.20	8792.9	100.0	0	11

SE0011R Vavihill

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
anthracene	precip+dry_dep	0.83	0.00	2.00	8.8	99.1	0	11
benzo_a_pyrene	precip+dry_dep	7.135	0.000	22.000	78.5	99.1	0	11
benzo_ghi_perylene	precip+dry_dep	10.26	0.00	43.00	112.5	99.1	0	11
chrysene	precip+dry_dep	17.90	4.00	55.00	193.6	99.1	0	11
fluoranthene	precip+dry_dep	40.09	5.00	150.00	415.9	99.1	0	11
inden_123cd_pyrene	precip+dry_dep	10.26	1.00	35.00	112.5	99.1	0	11
phenanthrene	precip+dry_dep	33.21	6.00	120.00	331.5	99.1	0	11
pyrene	precip+dry_dep	17.67	0.00	82.00	218.0	99.1	0	11

SE0012R Aspvreten

29 March 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
PCB_101	precip+dry_dep	0.033	0.010	0.060	0.3	76.1	0	9
PCB_118	precip+dry_dep	0.026	0.005	0.080	0.2	76.1	1	9
PCB_138	precip+dry_dep	0.038	0.030	0.060	0.3	76.1	0	9
PCB_153	precip+dry_dep	0.049	0.020	0.080	0.4	76.1	0	9
PCB_180	precip+dry_dep	0.028	0.020	0.050	0.3	76.1	0	9
PCB_28	precip+dry_dep	0.005	0.005	0.005	0.0	76.1	9	9
PCB_52	precip+dry_dep	0.005	0.005	0.005	0.0	76.1	9	9
alpha_HCH	precip+dry_dep	0.07	0.00	0.44	0.6	76.1	0	9
anthracene	precip+dry_dep	0.52	0.00	1.00	4.0	63.3	0	8
benzo_a_pyrene	precip+dry_dep	2.630	1.000	9.000	25.6	76.1	0	9
benzo_ghi_perylene	precip+dry_dep	3.23	1.00	14.00	32.0	76.1	0	9
chrysene	precip+dry_dep	6.13	3.00	20.00	56.9	76.1	0	9
fluoranthene	precip+dry_dep	11.61	4.00	42.00	109.1	76.1	0	9
gamma_HCH	precip+dry_dep	0.08	0.01	0.34	0.7	76.1	0	9
inden_123cd_pyrene	precip+dry_dep	3.30	2.00	12.00	32.0	76.1	0	9
phenanthrene	precip+dry_dep	10.61	7.00	26.00	92.0	63.3	0	8
pyrene	precip+dry_dep	7.85	3.00	28.00	74.5	76.1	0	9

SE0014R Råö

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
PCB_101	precip+dry_dep	0.078	0.010	0.140	0.9	99.1	0	12
PCB_118	precip+dry_dep	0.078	0.010	0.170	0.9	99.1	0	12
PCB_138	precip+dry_dep	0.236	0.070	0.440	2.9	99.1	0	12
PCB_153	precip+dry_dep	0.223	0.060	0.410	2.7	99.1	0	12
PCB_180	precip+dry_dep	0.197	0.040	0.380	2.4	99.1	0	12
PCB_28	precip+dry_dep	0.005	0.005	0.005	0.1	99.1	12	12
PCB_52	precip+dry_dep	0.161	0.005	0.530	2.0	99.1	2	12
alpha_HCH	precip+dry_dep	0.07	0.00	0.20	0.9	99.1	0	12
anthracene	precip+dry_dep	0.50	0.00	2.00	5.9	99.1	0	12
benzo_a_pyrene	precip+dry_dep	5.064	1.000	19.000	61.7	99.1	0	12
benzo_ghi_perylene	precip+dry_dep	8.50	2.00	40.00	104.6	99.1	0	12
chrysene	precip+dry_dep	12.09	4.00	41.00	148.4	99.1	0	12
fluoranthene	precip+dry_dep	27.64	0.00	150.00	343.5	99.1	0	12
gamma_HCH	precip+dry_dep	0.22	0.00	0.80	2.6	99.1	0	12
inden_123cd_pyrene	precip+dry_dep	7.41	1.00	34.00	91.6	99.1	0	12
phenanthrene	precip+dry_dep	28.52	2.00	190.00	356.6	99.1	0	12
pyrene	precip+dry_dep	14.63	1.00	63.00	180.0	99.1	0	12

SI0008R Iskrba

January 2010 - December 2010

Component	matrix	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl
benz_a_anthracene	precip+dry_dep	8.45	0.50	39.70	436.9	99.1	1	52
benzo_a_pyrene	precip+dry_dep	9.696	1.000	48.500	501.0	99.1	7	52
benzo_bjk_fluoranthenes	precip+dry_dep	40.75	5.00	186.00	2105.7	99.1	7	52
dibenzo_ah_anthracene	precip+dry_dep	5.40	1.00	12.60	279.1	99.1	7	52
inden_123cd_pyrene	precip+dry_dep	17.73	1.00	107.00	916.0	99.1	4	52

Annex 4

Annual statistics for POPs in air

BE0013R Houtem

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	air+aerosol	0.08	0.12	0.03	5.56	0.00	0.00	0.03	0.37	0.56	30.7	14	112
benzo_a_pyrene	air+aerosol	0.173	0.234	0.076	3.999	0.001	0.010	0.080	0.720	1.270	30.7	1	112
benzo_ghi_perylene	air+aerosol	0.17	0.19	0.09	3.99	0.00	0.01	0.10	0.63	0.83	30.7	2	112
chrysene_triphenylene	air+aerosol	0.17	0.20	0.08	3.69	0.01	0.01	0.09	0.62	0.93	30.7	0	112
fluoranthene	air+aerosol	0.31	0.46	0.12	4.44	0.01	0.01	0.11	1.30	2.38	30.7	0	112
pyrene	air+aerosol	0.24	0.35	0.09	4.14	0.01	0.01	0.09	1.00	1.85	30.7	0	112

CY0002R Ayia Marina

28 March 2010 - 15 September 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.00	0.01	0.00	2.19	0.00	0.00	0.00	0.02	0.03	38.4	0	140
benzo_a_pyrene	pm10	0.015	0.019	0.005	5.342	0.001	0.001	0.006	0.053	0.084	38.4	0	140
benzo_b_fluoranthene	pm10	0.02	0.02	0.01	4.12	0.00	0.00	0.02	0.06	0.09	38.4	0	140
benzo_ghi_perylene	pm10	0.02	0.02	0.01	4.30	0.00	0.00	0.02	0.05	0.07	38.4	0	140
benzo_k_fluoranthene	pm10	0.01	0.01	0.01	1.78	0.00	0.00	0.00	0.02	0.04	38.4	0	140
fluoranthene	pm10	0.00	0.01	0.00	2.19	0.00	0.00	0.00	0.02	0.03	38.4	0	140
inden_123cd_pyrene	pm10	0.02	0.02	0.01	4.30	0.00	0.00	0.02	0.07	0.11	38.4	0	140

CZ0003R Kosetice

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
HCB	air+aerosol	40.10	15.09	37.59	1.44	10.80	21.09	35.20	76.54	83.80	14.2	0	52
PCB_101	air+aerosol	3.019	2.076	2.304	2.232	0.500	0.500	2.400	7.735	8.100	14.2	7	52
PCB_118	air+aerosol	0.762	0.445	0.672	1.599	0.500	0.500	0.500	1.735	2.200	14.2	36	52
PCB_138	air+aerosol	1.471	0.870	1.235	1.855	0.500	0.500	1.350	3.040	4.800	14.2	13	52
PCB_153	air+aerosol	2.883	2.392	2.281	2.000	0.500	0.500	2.250	9.180	14.200	14.2	5	52
PCB_180	air+aerosol	0.887	0.769	0.715	1.798	0.500	0.500	0.500	2.680	4.400	14.2	36	52
PCB_28	air+aerosol	4.473	1.912	4.129	1.499	1.500	1.900	4.100	7.335	12.900	14.2	0	52
PCB_52	air+aerosol	6.721	2.651	6.218	1.508	2.200	2.690	6.550	11.565	16.700	14.2	0	52
acenaphthene	air+aerosol	0.22	0.27	0.10	3.98	0.00	0.01	0.09	0.72	1.39	14.2	1	52
alpha_HCH	air+aerosol	18.06	18.09	12.76	2.33	1.80	2.62	12.00	46.41	113.80	14.2	0	52
anthracene	air+aerosol	0.13	0.16	0.06	4.34	0.00	0.00	0.05	0.41	0.80	14.2	3	52
benz_a_anthracene	air+aerosol	0.29	0.47	0.05	9.43	0.00	0.00	0.05	1.27	2.33	14.2	11	52
benzo_a_pyrene	air+aerosol	0.251	0.372	0.046	9.608	0.003	0.003	0.057	1.068	1.652	14.2	15	52
benzo_b_fluoranthene	air+aerosol	0.45	0.66	0.09	9.50	0.00	0.00	0.12	1.73	3.01	14.2	8	52
benzo_ghi_perylene	air+aerosol	0.21	0.29	0.04	10.27	0.00	0.00	0.06	0.86	1.16	14.2	20	52
benzo_k_fluoranthene	air+aerosol	0.19	0.26	0.05	6.92	0.00	0.00	0.06	0.73	1.11	14.2	8	52
dibenzo_ah_anthracene	air+aerosol	0.02	0.02	0.01	3.59	0.00	0.00	0.00	0.07	0.10	14.2	30	52
fluoranthene	air+aerosol	1.62	2.05	0.76	4.19	0.00	0.12	0.79	5.96	10.04	14.2	1	52
fluorene	air+aerosol	2.03	2.43	0.92	4.40	0.00	0.15	0.93	7.98	8.60	14.2	1	52
gamma_HCH	air+aerosol	25.76	21.19	19.56	2.10	3.40	5.26	18.50	77.75	86.60	14.2	0	52
inden_123cd_pyrene	air+aerosol	0.24	0.35	0.04	11.12	0.00	0.00	0.07	1.04	1.41	14.2	21	52
phenanthrene	air+aerosol	3.85	3.94	2.11	4.02	0.00	0.45	2.17	13.22	15.52	14.2	1	52
pp_DDD	air+aerosol	1.61	2.30	0.95	2.45	0.50	0.50	0.50	8.43	10.90	14.2	30	52
pp_DDE	air+aerosol	13.44	8.19	11.13	1.90	2.70	3.83	13.25	34.80	36.40	14.2	0	52
pp_DDT	air+aerosol	5.47	5.22	4.05	2.12	0.50	1.43	3.70	18.34	27.60	14.2	1	52
pyrene	air+aerosol	1.06	1.38	0.45	4.46	0.00	0.06	0.48	3.81	6.99	14.2	1	52

DE0001R Westerland

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
HCB	air+aerosol	24.48	12.78	21.70	1.71	10.00	10.00	21.50	48.00	48.00	96.0	0	12
PCB_101	air+aerosol	1.852	0.708	1.714	1.541	0.600	0.600	1.700	3.200	3.200	96.0	0	12
PCB_118	air+aerosol	0.480	0.187	0.438	1.645	0.130	0.130	0.505	0.760	0.760	96.0	0	12
PCB_138	air+aerosol	1.858	0.915	1.667	1.676	0.800	0.800	1.650	3.100	3.100	96.0	0	12
PCB_153	air+aerosol	1.916	0.910	1.729	1.659	0.800	0.800	1.750	3.200	3.200	96.0	0	12
PCB_180	air+aerosol	0.549	0.298	0.488	1.720	0.240	0.240	0.410	0.970	0.970	96.0	0	12
PCB_28	air+aerosol	1.832	0.602	1.740	1.409	1.000	1.000	1.700	2.600	2.600	96.0	0	12
PCB_52	air+aerosol	1.851	0.593	1.752	1.400	0.900	0.900	1.700	2.900	2.900	96.0	0	12
alpha_HCH	air+aerosol	4.63	1.24	4.50	1.27	3.20	3.20	4.30	7.60	7.60	96.2	0	12
anthracene	air+aerosol	0.09	0.10	0.06	2.38	0.02	0.02	0.06	0.39	0.39	96.2	0	12
benzo_a_anthracene	air+aerosol	0.15	0.30	0.04	5.63	0.00	0.00	0.05	1.09	1.09	96.2	0	12
benzo_a_pyrene	air+aerosol	0.164	0.328	0.041	5.733	0.003	0.003	0.054	1.178	1.178	96.2	0	12
benzo_bjk_fluoranthenes	air+aerosol	0.60	1.13	0.19	4.72	0.02	0.02	0.24	4.10	4.10	96.2	0	12
benzo_ghi_perylene	air+aerosol	0.15	0.22	0.06	4.07	0.01	0.01	0.08	0.79	0.79	96.2	0	12
chrysene_triphenylene	air+aerosol	0.38	0.69	0.13	4.05	0.02	0.02	0.11	2.49	2.49	96.2	0	12
dibenzo_ah_anthracene	air+aerosol	0.03	0.06	0.01	4.73	0.00	0.00	0.01	0.21	0.21	96.2	0	12
dieldrin	air+aerosol	2.45	1.31	2.14	1.72	0.70	0.70	2.35	5.10	5.10	96.0	0	12
endrin	air+aerosol	0.16	0.10	0.14	1.84	0.04	0.04	0.13	0.38	0.38	96.0	0	12
fluoranthene	air+aerosol	1.18	1.42	0.79	2.27	0.30	0.30	0.81	5.49	5.49	96.2	0	12
gamma_HCH	air+aerosol	10.15	4.52	8.94	1.60	4.50	4.50	9.20	18.10	18.10	96.2	0	12
heptachlor	air+aerosol	0.06	0.03	0.05	1.80	0.02	0.02	0.06	0.10	0.10	96.0	0	12
inden_123cd_pyrene	air+aerosol	0.20	0.33	0.07	4.58	0.01	0.01	0.09	1.20	1.20	96.2	0	12
op_DDD	air+aerosol	0.14	0.08	0.12	1.90	0.03	0.03	0.11	0.30	0.30	96.0	0	12
op_DDE	air+aerosol	0.19	0.07	0.17	1.52	0.08	0.08	0.17	0.31	0.31	96.0	0	12
op_DDT	air+aerosol	0.59	0.42	0.45	2.15	0.14	0.14	0.48	1.33	1.33	96.0	0	12
phenanthrene	air+aerosol	2.73	2.42	2.06	2.12	0.60	0.60	2.05	9.70	9.70	96.2	0	12
pp_DDD	air+aerosol	0.15	0.08	0.13	1.83	0.04	0.04	0.14	0.28	0.28	96.0	0	12
pp_DDE	air+aerosol	3.24	2.84	2.41	2.12	0.90	0.90	2.05	9.20	9.20	96.0	0	12
pp_DDT	air+aerosol	0.84	0.54	0.67	2.03	0.18	0.18	0.68	1.67	1.67	96.0	0	12
pyrene	air+aerosol	0.72	0.99	0.41	2.63	0.13	0.13	0.39	3.74	3.74	96.2	0	12

DE0003R Schauinsland

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
anthracene	air+aerosol	0.03	0.02	0.02	1.91	0.01	0.01	0.03	0.06	0.06	96.2	0	12
benz_a_anthracene	air+aerosol	0.05	0.05	0.02	3.88	0.00	0.00	0.02	0.18	0.18	96.2	0	12
benzo_a_pyrene	air+aerosol	0.058	0.076	0.023	4.606	0.002	0.002	0.023	0.238	0.238	96.2	0	12
benzo_bjk_fluoranthenes	air+aerosol	0.22	0.28	0.10	4.10	0.01	0.01	0.11	0.92	0.92	96.2	0	12
benzo_ghi_perylene	air+aerosol	0.06	0.06	0.03	3.69	0.00	0.00	0.04	0.21	0.21	96.2	0	12
chrysene_triphenylene	air+aerosol	0.12	0.13	0.07	3.25	0.01	0.01	0.07	0.45	0.45	96.2	0	12
dibenzo_ah_anthracene	air+aerosol	0.01	0.01	0.01	3.94	0.00	0.00	0.01	0.04	0.04	96.2	0	12
fluoranthene	air+aerosol	0.47	0.39	0.35	2.16	0.14	0.14	0.30	1.32	1.32	96.2	0	12
inden_123cd_pyrene	air+aerosol	0.07	0.09	0.04	4.15	0.00	0.00	0.04	0.28	0.28	96.2	0	12
phenanthrene	air+aerosol	1.62	1.17	1.29	1.99	0.55	0.55	1.23	4.45	4.45	96.2	0	12
pyrene	air+aerosol	0.28	0.24	0.20	2.27	0.07	0.07	0.20	0.82	0.82	96.2	0	12

DE0008R Schmücke

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
anthracene	air+aerosol	0.08	0.10	0.04	4.27	0.00	0.00	0.03	0.29	0.29	99.2	0	12
benz_a_anthracene	air+aerosol	0.13	0.19	0.04	6.03	0.00	0.00	0.04	0.61	0.61	99.2	0	12
benzo_a_pyrene	air+aerosol	0.144	0.199	0.048	5.617	0.002	0.002	0.050	0.547	0.547	99.2	0	12
benzo_bjk_fluoranthenes	air+aerosol	0.45	0.57	0.18	4.89	0.01	0.01	0.20	1.58	1.58	99.2	0	12
benzo_ghi_perylene	air+aerosol	0.13	0.16	0.06	4.59	0.00	0.00	0.07	0.50	0.50	99.2	0	12
chrysene_triphenylene	air+aerosol	0.26	0.33	0.11	4.54	0.01	0.01	0.11	0.95	0.95	99.2	0	12
dibenzo_ah_anthracene	air+aerosol	0.02	0.03	0.01	4.68	0.00	0.00	0.01	0.08	0.08	99.2	0	12
fluoranthene	air+aerosol	1.03	1.21	0.55	3.29	0.08	0.08	0.46	3.49	3.49	99.2	0	12
inden_123cd_pyrene	air+aerosol	0.17	0.21	0.07	4.78	0.00	0.00	0.08	0.59	0.59	99.2	0	12
phenanthrene	air+aerosol	3.34	3.36	2.16	2.71	0.39	0.39	1.89	10.02	10.02	99.2	0	12
pyrene	air+aerosol	0.63	0.72	0.37	2.98	0.07	0.07	0.29	2.35	2.35	99.2	0	12

DK0010G Nord, Greenland

16 March 2010 - 15 December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
HCB	air	75.10	26.89	54.10	3.88	1.15	1.15	81.42	97.17	97.17	19.2	0	10
alpha_HCH	air	9.38	4.27	6.58	3.91	0.15	0.15	9.71	15.08	15.08	19.2	0	10
beta_HCH	air	0.00	0.01	0.01	1.57	0.00	0.00	0.00	0.02	0.02	19.2	0	10
cis_CD	air	0.53	0.20	0.49	1.66	0.15	0.15	0.59	0.77	0.77	19.2	0	10
dieldrin	air	1.26	0.73	1.05	2.02	0.23	0.23	1.16	2.65	2.65	19.2	0	10
endrin	air	0.06	0.08	0.05	3.30	0.00	0.00	0.02	0.19	0.19	17.3	0	9
gamma_HCH	air	0.86	0.41	0.77	1.69	0.32	0.32	0.85	1.54	1.54	19.2	0	10
heptachlor	air	0.26	0.44	0.13	5.80	0.00	0.00	0.05	1.14	1.14	19.2	0	10
heptachlorepoxide	air	0.68	0.36	0.59	1.75	0.23	0.23	0.65	1.50	1.50	19.2	0	10
op_DDE	air	0.04	0.06	0.09	1.57	0.00	0.00	0.00	0.17	0.17	19.2	0	10
op_DDT	air	0.21	0.11	0.18	1.60	0.10	0.10	0.17	0.42	0.42	19.2	0	10
pp_DDD	air	0.22	0.23	0.14	2.91	0.03	0.03	0.12	0.62	0.62	19.2	0	10
pp_DDE	air	3.03	7.48	0.74	4.19	0.22	0.22	0.39	24.26	24.26	19.2	0	10
pp_DDT	air	0.43	0.47	0.29	2.41	0.11	0.11	0.24	1.61	1.61	19.2	0	10
trans_CD	air	0.19	0.06	0.18	1.39	0.10	0.10	0.17	0.27	0.27	19.2	0	10
trans_NO	air	0.52	0.41	0.40	2.18	0.09	0.09	0.47	1.59	1.59	19.2	0	10

ES0001R San Pablo de los Montes

20 March 2010 - 8 May 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
acenaphthene	pm10	0.09	0.00	0.09	1.00	0.09	0.09	0.09	0.09	0.09	1.9	7	7
acenaphthylene	pm10	0.07	0.00	0.07	1.00	0.07	0.07	0.07	0.07	0.07	1.9	7	7
anthracene	pm10	0.03	0.04	0.01	3.12	0.01	0.01	0.01	0.12	0.12	1.9	3	7
benzo_a_anthracene	pm10	0.02	0.01	0.02	1.31	0.02	0.02	0.02	0.04	0.04	1.9	6	7
benzo_a_pyrene	pm10	0.031	0.021	0.027	1.689	0.020	0.020	0.020	0.075	0.075	1.9	5	7
benzo_b_fluoranthene	pm10	0.05	0.05	0.03	2.29	0.02	0.02	0.02	0.14	0.14	1.9	5	7
benzo_ghi_perylene	pm10	0.03	0.03	0.02	2.23	0.01	0.01	0.01	0.10	0.10	1.9	5	7
benzo_k_fluoranthene	pm10	0.04	0.04	0.04	2.10	0.02	0.02	0.02	0.12	0.12	1.9	4	7
chrysene	pm10	0.04	0.04	0.03	2.37	0.01	0.01	0.01	0.10	0.10	1.9	5	7
dibenzo_ah_anthracene	pm10	0.02	0.01	0.02	1.32	0.01	0.01	0.01	0.03	0.03	1.9	6	7
fluorene	pm10	0.03	0.02	0.02	1.61	0.02	0.02	0.02	0.07	0.07	1.9	6	7
pyrene	pm10	0.08	0.06	0.06	2.11	0.04	0.04	0.04	0.17	0.17	1.9	4	7

ES0006R Mahón

21 October 2010 - 9 December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
acenaphthene	pm10	0.09	0.00	0.09	1.00	0.09	0.09	0.09	0.09	0.09	1.9	7	7
acenaphthylene	pm10	0.07	0.00	0.07	1.00	0.07	0.07	0.07	0.07	0.07	1.9	7	7
anthracene	pm10	0.05	0.00	0.05	1.00	0.05	0.05	0.05	0.05	0.05	1.9	0	7
benzo_a_anthracene	pm10	0.02	0.00	0.02	1.00	0.02	0.02	0.02	0.02	0.02	1.9	7	7
benzo_a_pyrene	pm10	0.239	0.364	0.075	5.503	0.020	0.020	0.020	1.010	1.010	1.9	6	7
benzo_b_fluoranthene	pm10	0.02	0.00	0.02	1.00	0.02	0.02	0.02	0.02	0.02	1.9	7	7
benzo_ghi_perylene	pm10	0.01	0.00	0.01	1.00	0.01	0.01	0.01	0.01	0.01	1.9	7	7
benzo_k_fluoranthene	pm10	0.02	0.00	0.02	1.00	0.02	0.02	0.02	0.02	0.02	1.9	7	7
chrysene	pm10	0.01	0.00	0.01	1.00	0.01	0.01	0.01	0.01	0.01	1.9	7	7
dibenzo_ah_anthracene	pm10	0.01	0.00	0.01	1.00	0.01	0.01	0.01	0.01	0.01	1.9	7	7
fluoranthene	pm10	0.04	0.00	0.04	1.00	0.04	0.04	0.04	0.04	0.04	1.9	7	7
fluorene	pm10	0.02	0.00	0.02	1.00	0.02	0.02	0.02	0.02	0.02	1.9	7	7
inden_123cd_pyrene	pm10	0.02	0.00	0.02	1.00	0.02	0.02	0.02	0.02	0.02	1.9	7	7
phenanthrene	pm10	0.01	0.00	0.01	1.00	0.01	0.01	0.01	0.01	0.01	1.9	7	7
pyrene	pm10	0.04	0.00	0.04	1.00	0.04	0.04	0.04	0.04	0.04	1.9	7	7

ES0007R Váznar

29 May 2010 - 17 July 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
acenaphthene	pm10	0.11	0.05	0.10	1.41	0.08	0.08	0.09	0.22	0.22	1.9	5	7
acenaphthylene	pm10	0.14	0.15	0.10	2.25	0.07	0.07	0.07	0.47	0.47	1.9	5	7
anthracene	pm10	0.10	0.14	0.02	7.49	0.01	0.01	0.01	0.29	0.29	1.9	4	7
benzo_a_anthracene	pm10	0.02	0.00	0.02	1.00	0.02	0.02	0.02	0.02	0.02	1.9	7	7
benzo_a_pyrene	pm10	0.059	0.102	0.029	2.748	0.020	0.020	0.020	0.290	0.290	1.9	6	7
benzo_b_fluoranthene	pm10	0.03	0.03	0.03	1.77	0.02	0.02	0.02	0.09	0.09	1.9	6	7
benzo_ghi_perylene	pm10	0.06	0.08	0.03	3.40	0.01	0.01	0.01	0.20	0.20	1.9	7	7
benzo_k_fluoranthene	pm10	0.07	0.11	0.03	2.82	0.02	0.02	0.02	0.31	0.31	1.9	5	7
chrysene	pm10	0.01	0.00	0.01	1.00	0.01	0.01	0.01	0.01	0.01	1.9	7	7

ES0008R Niembro

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
acenaphthene	pm10	0.06	0.04	0.09	1.21	0.00	0.00	0.09	0.09	0.09	14.2	51	52
acenaphthylene	pm10	0.07	0.07	0.07	2.08	0.00	0.00	0.07	0.23	0.38	14.2	37	52
anthracene	pm10	0.03	0.05	0.02	3.67	0.00	0.00	0.01	0.15	0.28	14.2	25	52
benzo_a_anthracene	pm10	0.06	0.08	0.05	2.64	0.00	0.00	0.02	0.28	0.33	14.2	30	52
benzo_a_pyrene	pm10	0.094	0.181	0.051	3.348	0.000	0.000	0.020	0.564	0.945	14.2	31	52
benzo_b_fluoranthene	pm10	0.12	0.24	0.06	3.69	0.00	0.00	0.02	0.87	1.19	14.2	30	52
benzo_ghi_perylene	pm10	0.10	0.22	0.05	3.55	0.00	0.00	0.01	0.66	1.19	14.2	27	52
benzo_k_fluoranthene	pm10	0.05	0.07	0.04	2.57	0.00	0.00	0.02	0.24	0.33	14.2	35	52
chrysene	pm10	0.15	0.23	0.07	4.43	0.00	0.00	0.02	0.66	1.04	14.2	25	52
dibenzo_ah_anthracene	pm10	0.03	0.04	0.03	2.22	0.00	0.00	0.01	0.13	0.20	14.2	35	52
fluoranthene	pm10	0.14	0.21	0.09	3.30	0.00	0.00	0.04	0.81	0.84	14.2	33	52
fluorene	pm10	0.03	0.05	0.03	2.12	0.00	0.00	0.02	0.14	0.29	14.2	39	52
inden_123cd_pyrene	pm10	0.11	0.18	0.07	3.36	0.00	0.00	0.02	0.54	0.92	14.2	28	52
phenanthrene	pm10	0.10	0.12	0.06	3.94	0.00	0.00	0.01	0.36	0.41	14.2	28	52
pyrene	pm10	0.14	0.20	0.09	3.02	0.00	0.00	0.04	0.62	1.02	14.2	27	52

ES0014R Els Torms

7 August 2010 - 25 September 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
acenaphthene	pm10	0.11	0.04	0.10	1.36	0.09	0.09	0.09	0.20	0.20	1.9	6	7
acenaphthylene	pm10	0.19	0.09	0.16	1.90	0.07	0.07	0.21	0.28	0.28	1.9	2	7
anthracene	pm10	0.04	0.02	0.03	1.57	0.02	0.02	0.03	0.09	0.09	1.9	0	7
benzo_a_anthracene	pm10	0.17	0.09	0.15	1.81	0.06	0.06	0.13	0.29	0.29	1.9	0	7
benzo_a_pyrene	pm10	0.162	0.102	0.120	2.690	0.020	0.020	0.184	0.319	0.319	1.9	1	7
benzo_b_fluoranthene	pm10	0.21	0.06	0.20	1.38	0.12	0.12	0.23	0.29	0.29	1.9	0	7
benzo_ghi_perylene	pm10	0.14	0.10	0.09	3.56	0.01	0.01	0.16	0.26	0.26	1.9	2	7
benzo_k_fluoranthene	pm10	0.17	0.10	0.15	1.94	0.05	0.05	0.14	0.32	0.32	1.9	0	7
chrysene	pm10	0.20	0.08	0.19	1.50	0.10	0.10	0.19	0.33	0.33	1.9	0	7
dibenzo_ah_anthracene	pm10	0.05	0.03	0.04	2.16	0.01	0.01	0.04	0.09	0.09	1.9	2	7
fluorene	pm10	0.06	0.03	0.05	1.96	0.02	0.02	0.07	0.11	0.11	1.9	2	7
inden_123cd_pyrene	pm10	0.21	0.08	0.20	1.62	0.08	0.08	0.23	0.30	0.30	1.9	0	7
phenanthrene	pm10	0.14	0.04	0.13	1.42	0.08	0.08	0.14	0.20	0.20	1.9	0	7
pyrene	pm10	0.15	0.06	0.15	1.44	0.09	0.09	0.12	0.22	0.22	1.9	0	7

FI0096G Pallas (Sammaltunturi)

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
HCB	air+aerosol	31.70	13.01	29.19	1.54	16.00	16.00	32.00	54.00	54.00	99.1	0	12
PCB_101	air+aerosol	0.547	0.267	0.491	1.542	0.290	0.290	0.450	1.200	1.200	99.1	0	12
PCB_118	air+aerosol	0.173	0.067	0.161	1.431	0.100	0.100	0.155	0.320	0.320	99.1	0	12
PCB_138	air+aerosol	0.175	0.071	0.162	1.450	0.094	0.094	0.155	0.350	0.350	99.1	0	12
PCB_153	air+aerosol	0.215	0.077	0.202	1.379	0.120	0.120	0.190	0.410	0.410	99.1	0	12
PCB_180	air+aerosol	0.039	0.010	0.037	1.297	0.023	0.023	0.037	0.058	0.058	99.1	0	12
PCB_28	air+aerosol	1.417	0.418	1.351	1.313	1.000	1.000	1.350	2.400	2.400	99.1	0	12
PCB_52	air+aerosol	1.217	0.542	1.113	1.476	0.730	0.730	1.100	2.600	2.600	99.1	0	12
alpha_HCH	air+aerosol	5.27	1.60	4.96	1.46	2.00	2.00	5.50	7.00	7.00	99.1	0	12
anthracene	air+aerosol	0.01	0.00	0.00	2.41	0.00	0.00	0.00	0.01	0.01	99.1	0	12
benz_a_anthracene	air+aerosol	0.02	0.02	0.01	3.87	0.00	0.00	0.01	0.07	0.07	91.4	0	11
benzo_a_pyrene	air+aerosol	0.021	0.029	0.008	5.095	0.001	0.001	0.005	0.082	0.082	99.1	1	12
benzo_b_fluoranthene	air+aerosol	0.03	0.05	0.01	4.81	0.00	0.00	0.01	0.14	0.14	99.1	1	12
benzo_ghi_perylene	air+aerosol	0.02	0.03	0.01	4.78	0.00	0.00	0.01	0.10	0.10	99.1	1	12
benzo_k_fluoranthene	air+aerosol	0.01	0.02	0.01	4.45	0.00	0.00	0.00	0.06	0.06	99.1	1	12
chrysene	air+aerosol	0.05	0.06	0.03	4.26	0.00	0.00	0.03	0.17	0.17	91.4	0	11
fluoranthene	air+aerosol	0.14	0.16	0.09	2.59	0.03	0.03	0.07	0.46	0.46	99.1	0	12
gamma_HCH	air+aerosol	1.59	0.67	1.46	1.51	1.00	1.00	1.50	3.00	3.00	99.1	0	12
inden_123cd_pyrene	air+aerosol	0.02	0.04	0.01	3.80	0.00	0.00	0.01	0.10	0.10	99.1	0	12
phenanthrene	air+aerosol	0.42	0.43	0.31	2.15	0.14	0.14	0.23	1.50	1.50	99.1	0	12
pp_DDD	air+aerosol	0.15	0.04	0.15	1.29	0.11	0.11	0.14	0.23	0.23	99.1	0	12
pp_DDE	air+aerosol	0.47	0.22	0.41	1.78	0.13	0.13	0.47	0.82	0.82	99.1	0	12
pp_DDT	air+aerosol	0.17	0.19	0.08	4.45	0.01	0.01	0.11	0.66	0.66	99.1	0	12
pyrene	air+aerosol	0.08	0.10	0.05	2.86	0.01	0.01	0.04	0.27	0.27	99.1	0	12

GB0014R High Muffles

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
PCB_118	air+aerosol	0.055	0.177	0.055	4.127	0.020	0.020	0.020	0.389	0.389	100.0	3	5
PCB_138	air+aerosol	0.373	0.218	0.325	1.883	0.157	0.157	0.350	0.640	0.640	99.9	1	4
PCB_180	air+aerosol	0.118	0.124	0.064	3.920	0.020	0.020	0.085	0.279	0.279	99.9	3	4
PCB_52	air+aerosol	32.415	45.016	5.003	9.676	0.440	0.440	3.782	104.200	104.200	100.0	0	5

IS0091R Storhofdi

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
HCB	air+aerosol	4.82	1.78	4.49	1.51	1.90	1.90	4.70	7.79	7.79	99.9	0	12
PCB_101	air+aerosol	2.286	1.335	1.989	1.697	1.041	1.041	1.706	5.253	5.253	99.9	0	12
PCB_105	air+aerosol	0.12	0.07	0.10	1.87	0.05	0.05	0.09	0.25	0.25	99.9	6	12
PCB_118	air+aerosol	0.481	0.308	0.416	1.705	0.243	0.243	0.379	1.116	1.116	99.9	0	12
PCB_138	air+aerosol	0.204	0.128	0.165	2.076	0.052	0.052	0.189	0.427	0.427	99.9	3	12
PCB_153	air+aerosol	0.392	0.259	0.309	2.208	0.052	0.052	0.315	0.854	0.854	99.9	1	12
PCB_156	air+aerosol	0.06	0.01	0.06	1.09	0.05	0.05	0.06	0.07	0.07	99.9	12	12
PCB_180	air+aerosol	0.180	0.294	0.104	2.477	0.052	0.052	0.067	1.074	1.074	99.9	10	12
PCB_28	air+aerosol	2.582	1.265	2.316	1.619	1.226	1.226	2.244	4.729	4.729	99.9	0	12
PCB_31	air+aerosol	1.904	1.289	1.596	1.802	0.828	0.828	1.250	4.268	4.268	99.9	0	12
PCB_52	air+aerosol	4.410	2.126	4.003	1.558	2.081	2.081	3.695	8.668	8.668	99.9	0	12
alpha_HCH	air+aerosol	2.45	0.80	2.32	1.41	1.21	1.21	2.34	3.59	3.59	99.9	0	12
beta_HCH	air+aerosol	0.35	0.39	0.20	3.04	0.05	0.05	0.13	1.18	1.18	99.9	3	12
cis_CD	air+aerosol	0.58	0.18	0.55	1.39	0.34	0.34	0.53	0.85	0.85	99.9	0	12
dieldrin	air+aerosol	0.63	0.23	0.59	1.45	0.35	0.35	0.62	0.98	0.98	99.9	0	12
gamma_HCH	air+aerosol	1.91	0.69	1.79	1.43	0.95	0.95	1.75	3.26	3.26	99.9	0	12
op_DDT	air+aerosol	0.06	0.01	0.06	1.09	0.05	0.05	0.06	0.07	0.07	99.9	12	12
pp_DDD	air+aerosol	0.10	0.06	0.09	1.75	0.05	0.05	0.07	0.20	0.20	99.9	8	12
pp_DDE	air+aerosol	0.25	0.09	0.24	1.44	0.16	0.16	0.23	0.40	0.40	99.9	0	12
pp_DDT	air+aerosol	0.06	0.01	0.06	1.09	0.05	0.05	0.06	0.07	0.07	99.9	12	12
trans_CD	air+aerosol	0.18	0.04	0.17	1.30	0.12	0.12	0.19	0.24	0.24	99.9	0	12
trans_NO	air+aerosol	0.32	0.08	0.31	1.26	0.22	0.22	0.30	0.45	0.45	99.9	0	12

LV0010R Rucava

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.32	0.48	0.08	7.45	0.01	0.01	0.07	1.47	1.47	28.8	3	15
benzo_a_pyrene	pm10	0.354	0.441	0.139	4.776	0.010	0.010	0.130	1.270	1.270	28.8	2	15
benzo_b_fluoranthene	pm10	0.58	0.77	0.24	4.39	0.02	0.02	0.23	2.51	2.51	28.8	2	15
benzo_k_fluoranthene	pm10	0.31	0.38	0.14	4.49	0.01	0.01	0.11	1.24	1.24	28.8	2	15
dibenzo_ah_anthracene	pm10	0.05	0.07	0.02	3.37	0.01	0.01	0.01	0.21	0.21	28.8	11	15
inden_123cd_pyrene	pm10	0.42	0.49	0.21	4.25	0.01	0.01	0.17	1.57	1.57	28.8	1	15

MD0013R Leova II

1 January 2010 - 2 October2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
HCB	air+aerosol	45.12	19.75	41.23	1.54	17.77	19.04	40.52	83.98	106.62	10.4	0	38
N1methylnaphtalene	air+aerosol	0.34	0.55	0.21	2.34	0.06	0.07	0.17	1.34	3.27	9.6	4	35
N1methylphenanthrene	air+aerosol	0.40	0.26	0.34	1.75	0.15	0.16	0.30	1.05	1.28	10.1	0	37
N2methylanthracene	air+aerosol	0.04	0.04	0.03	2.16	0.01	0.01	0.03	0.18	0.21	10.1	0	37
N2methylnaphtalene	air+aerosol	0.52	0.75	0.35	2.24	0.11	0.11	0.27	1.90	4.50	9.6	7	35
N2methylphenanthrene	air+aerosol	0.61	0.40	0.52	1.74	0.23	0.24	0.48	1.53	1.96	10.1	3	37
N3methylphenanthrene	air+aerosol	0.50	0.31	0.43	1.71	0.19	0.20	0.41	1.17	1.53	10.1	0	37
N9methylphenanthrene	air+aerosol	0.40	0.24	0.35	1.67	0.16	0.18	0.33	0.86	1.24	10.1	0	37
PCB_101	air+aerosol	7.715	3.222	7.047	1.564	1.848	3.287	7.423	14.260	15.452	10.4	0	38
PCB_105	air+aerosol	2.53	1.67	2.18	1.71	0.56	0.81	2.19	4.51	10.64	10.4	0	38
PCB_114	air+aerosol	0.18	0.10	0.16	1.67	0.04	0.07	0.16	0.34	0.53	10.4	0	38
PCB_118	air+aerosol	5.710	3.117	5.026	1.675	1.265	1.982	5.140	10.372	18.452	10.4	0	38
PCB_122	air+aerosol	0.06	0.03	0.05	1.68	0.01	0.02	0.05	0.10	0.20	10.4	1	38
PCB_123	air+aerosol	0.11	0.06	0.10	1.71	0.02	0.04	0.10	0.20	0.30	10.1	0	37
PCB_128	air+aerosol	0.95	0.84	0.80	1.73	0.22	0.27	0.78	1.87	5.62	10.4	0	38
PCB_138	air+aerosol	4.589	3.378	3.958	1.679	1.029	1.410	3.813	8.253	22.505	10.4	0	38
PCB_141	air+aerosol	0.76	0.48	0.67	1.63	0.18	0.25	0.65	1.44	3.23	10.4	0	38
PCB_149	air+aerosol	3.158	1.404	2.872	1.581	0.686	1.056	2.956	5.475	8.236	10.4	0	38
PCB_153	air+aerosol	3.851	2.287	3.412	1.626	0.873	1.270	3.462	7.092	14.962	10.4	0	38
PCB_156	air+aerosol	0.34	0.30	0.29	1.71	0.08	0.12	0.27	0.78	2.01	10.4	0	38
PCB_157	air+aerosol	0.07	0.06	0.06	1.72	0.02	0.02	0.05	0.16	0.42	10.4	0	38
PCB_167	air+aerosol	0.16	0.15	0.13	1.71	0.04	0.06	0.13	0.34	0.98	10.4	0	38
PCB_170	air+aerosol	0.23	0.17	0.20	1.74	0.06	0.07	0.20	0.73	0.96	10.1	0	37
PCB_18	air+aerosol	18.773	12.397	15.802	1.808	3.358	5.390	15.711	54.742	63.476	10.4	0	38
PCB_180	air+aerosol	0.609	0.453	0.515	1.734	0.136	0.193	0.506	1.746	2.710	10.1	0	37
PCB_183	air+aerosol	0.19	0.11	0.17	1.66	0.04	0.06	0.17	0.50	0.63	10.1	0	37
PCB_187	air+aerosol	0.38	0.20	0.34	1.65	0.09	0.11	0.34	1.02	1.02	10.1	0	37
PCB_189	air+aerosol	0.01	0.01	0.01	1.29	0.01	0.01	0.01	0.02	0.04	10.1	31	37
PCB_194	air+aerosol	0.04	0.07	0.03	2.19	0.01	0.01	0.02	0.14	0.41	10.1	5	37
PCB_206	air+aerosol	0.02	0.02	0.02	1.82	0.01	0.01	0.01	0.09	0.13	9.0	13	33
PCB_209	air+aerosol	0.02	0.01	0.02	1.65	0.01	0.01	0.02	0.06	0.09	10.1	5	37
PCB_28	air+aerosol	14.776	8.589	12.713	1.768	2.599	3.528	12.112	34.693	45.358	10.4	0	38
PCB_31	air+aerosol	13.507	8.163	11.536	1.784	2.313	3.424	10.899	31.554	42.692	10.4	0	38
PCB_33	air+aerosol	9.14	5.66	7.81	1.77	1.70	2.51	7.76	22.75	29.04	10.4	0	38
PCB_37	air+aerosol	2.31	1.37	1.98	1.77	0.42	0.60	1.78	6.32	6.41	10.4	0	38
PCB_47	air+aerosol	7.39	4.11	6.32	1.80	1.20	2.11	5.95	14.83	19.95	10.4	0	38
PCB_52	air+aerosol	11.377	5.126	10.311	1.594	2.308	4.761	10.129	21.674	29.131	10.4	0	38
PCB_66	air+aerosol	5.18	2.71	4.54	1.72	0.91	1.59	4.30	9.90	15.00	10.4	0	38
PCB_74	air+aerosol	3.34	1.77	2.93	1.71	0.59	1.12	2.97	6.38	10.03	10.4	0	38
PCB_99	air+aerosol	4.18	2.00	3.72	1.67	0.88	1.63	3.67	8.13	9.41	10.4	0	38
acenaphthene	air+aerosol	0.19	0.35	0.12	2.20	0.05	0.05	0.10	0.65	2.18	10.1	25	37
acenaphthylene	air+aerosol	0.16	0.25	0.08	3.27	0.01	0.01	0.07	1.03	1.17	10.1	0	37
alpha_HCH	air+aerosol	85.10	33.53	77.87	1.57	27.42	27.84	83.42	141.47	142.15	10.4	0	38
anthanthrene	air+aerosol	0.06	0.07	0.03	2.77	0.01	0.01	0.03	0.25	0.32	9.9	0	36
anthracene	air+aerosol	0.26	0.45	0.13	2.85	0.03	0.03	0.09	1.35	2.28	10.1	0	37
benz_a_anthracene	air+aerosol	0.14	0.22	0.07	3.00	0.02	0.02	0.05	0.81	0.94	10.1	0	37
benzo_a_fluoranthene	air+aerosol	0.05	0.07	0.03	3.13	0.00	0.01	0.03	0.30	0.32	9.9	0	36
benzo_a_fluorene	air+aerosol	0.21	0.06	0.20	1.38	0.12	0.12	0.24	0.25	0.25	7.9	30	29
benzo_a_pyrene	air+aerosol	0.174	0.231	0.093	2.994	0.018	0.019	0.087	0.857	1.016	9.9	0	36
benzo_b_fluorene	air+aerosol	0.03	0.01	0.02	1.36	0.01	0.01	0.03	0.03	0.03	2.5	9	9
benzo_bjk_fluoranthenes	air+aerosol	0.66	0.92	0.34	3.08	0.07	0.07	0.31	3.58	4.24	9.9	0	36
benzo_e_pyrene	air+aerosol	0.23	0.28	0.13	2.78	0.03	0.03	0.12	1.07	1.31	9.9	0	36
benzo_ghi_fluoranthene	air+aerosol	0.22	0.25	0.14	2.46	0.04	0.04	0.13	0.90	1.07	9.9	0	36
benzo_ghi_perylene	air+aerosol	0.17	0.23	0.10	2.73	0.02	0.03	0.07	0.86	0.97	10.1	0	37
biphenyl	air+aerosol	1.58	3.15	0.78	2.77	0.28	0.28	0.50	7.97	18.24	9.6	0	35
chrysene_triphenylene	air+aerosol	0.43	0.55	0.28	2.28	0.09	0.09	0.20	1.66	2.97	10.1	13	37
cis_CD	air+aerosol	0.53	0.21	0.48	1.51	0.21	0.22	0.52	0.94	1.21	9.6	12	35
cis_NO	air+aerosol	0.28	0.69	0.09	3.38	0.01	0.02	0.08	2.83	3.18	9.9	35	36
coronene	air+aerosol	0.13	0.16	0.08	2.59	0.02	0.02	0.06	0.61	0.64	9.6	0	35
cyclopenta_cd_pyrene	air+aerosol	0.04	0.06	0.02	2.81	0.00	0.00	0.02	0.25	0.29	10.1	2	37
dibenzo_ac_ah_anthracenes	air+aerosol	0.03	0.03	0.02	2.44	0.01	0.01	0.02	0.13	0.17	9.9	0	36
dibenzo_ae_pyrene	air+aerosol	0.02	0.03	0.01	3.41	0.00	0.00	0.00	0.06	0.06	1.4	4	5
dibenzo_ah_pyrene	air+aerosol	0.00	0.00	0.00	2.05	0.00	0.00	0.00	0.01	0.01	4.9	17	18
dibenzo_ai_pyrene	air+aerosol	0.01	0.00	0.00	2.37	0.00	0.00	0.01	0.02	0.02	4.9	16	18
dibenzofuran	air+aerosol	4.16	8.94	1.55	3.47	0.31	0.45	0.93	20.26	51.32	10.1	5	37
dibenzothiophene	air+aerosol	0.30	0.16	0.27	1.60	0.11	0.14	0.26	0.66	0.75	10.1	0	37
fluoranthene	air+aerosol	1.68	1.82	1.12	2.33	0.31	0.42	0.88	6.40	7.88	10.1	0	37
fluorene	air+aerosol	2.38	3.54	1.28	2.76	0.34	0.46	0.75	9.78	18.01	10.1	1	37
gamma_HCH	air+aerosol	39.68	19.68	34.77	1.72	10.13	10.40	35.18	75.75	87.73	10.4	0	38
inden_123cd_pyrene	air+aerosol	0.26	0.34	0.15	2.77	0.03	0.03	0.14	1.23	1.53	9.9	0	36
naphtalene	air+aerosol	0.90	1.74	0.44	2.83	0.12	0.12	0.28	4.31	9.99	9.6	10	35
op_DDD	air+aerosol	1.02	0.51	0.88	1.84	0.10	0.29	0.87	1.98	2.22	9.6	0	35
op_DDE	air+aerosol	5.29	4.05	4.05	2.21	0.34	0.89	4.26	13.63	21.57	10.4	0	38
op_DDT	air+aerosol	13.30	7.62	10.72	2.15	0.82	2.22	11.82	30.44	32.30	9.6	0	35
perylene	air+aerosol	0.03	0.04	0.02	2.74	0.00	0.00	0.02	0.14	0.14	9.9	0	36
phenanthrene	air+aerosol	6.33	5.74	4.68	2.09	1.78	2.14	3.65	18.43	25.21	10.1	0	37
pp_DDD	air+aerosol	0.76	0.33	0.69	1.58	0.18	0.33	0.68	1.47	1.48	9.6	0	35
pp_DDE	air+aerosol	101.55	60.76	78.76	2.38	3.86	9.85	99.76	252.44	252.97	10.4	0	38
pp_DDT	air+aerosol	13.57	7.77	11.14	2.03	1.06	2.84	12.14	28.39	32.87	9.6	0	35
pyrene	air+aerosol	1.08	1.23	0.70	2.36	0.19	0.24	0.51	4.44	4.90	10.1	0	37
retene	air+aerosol	0.10	0.05	0.09	1.51	0.05	0.05	0.09	0.21	0.21	10.1	0	37
sum_DDT	air+aerosol	136.17	80.84	107.86	2.24	6.36	17.49	129.99	323.77	331.97	10.4	0	38
sum_PCB	air+aerosol	204.81	98.17	182.45	1.67	40.48	54.07	178.00	386.11	539.35	10.4	0	38
sum_heptachlor_PCB	air+aerosol	2.04	1.35	1.72	1.79	0.47	0.49	1.79	6.20	7.20	10.4	0	38
sum_hexachlor_PCB	air+aerosol	20.55	12.73	17.94	1.69	4.53	4.68	17.77	38.11	82.56	10.4	0	38
sum_pentachlor_PCB	air+aerosol	35.62	17.19	31.45	1.71	8.00	8.21	32.89	67.36	86.42	10.4	0	38
sum_tetrachlor_PCB	air+aerosol	58.52	29.18	51.78	1.69	10.99	17.17	51.21	114.88	162.69	10.4	0	38
sum_trichlor_PCB	air+aerosol	87.99	53.10	75.47	1.76	16.08	23.77	75.16	219.91	276.60	10.4	0	38
trans_CD	air+aerosol	0.64	0.33	0.56	1.71	0.20	0.23	0.59	1.35	1.37	8.8	1	32
trans_NO	air+aerosol	0.60	0.30	0.54	1.63	0.19	0.22	0.52	1.32	1.61	8.5	8	31

NL0009R Kollumerwaard

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.07	0.18	0.02	4.55	0.00	0.00	0.01	0.33	1.13	44.9	0	164
benzo_a_pyrene	pm10	0.080	0.195	0.018	5.677	0.001	0.001	0.013	0.442	1.194	44.9	0	164
benzo_bjk_fluoranthenes	pm10	0.13	0.30	0.03	4.92	0.00	0.00	0.04	0.61	1.87	44.9	0	164
benzo_ghi_perylene	air+aerosol	0.12	0.23	0.04	5.02	0.00	0.00	0.04	0.60	1.31	43.6	0	159
chrysene	air+aerosol	0.15	0.36	0.04	5.22	0.00	0.00	0.04	0.81	2.22	44.9	0	164
dibenzo_ah_anthracene	pm10	0.02	0.04	0.01	4.38	0.00	0.00	0.00	0.10	0.23	44.9	0	164
inden_123cd_pyrene	pm10	0.13	0.28	0.03	5.37	0.00	0.00	0.04	0.70	1.71	44.9	0	164

NL0091R De Zilk

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
benzo_a_pyrene	pm10	0.090	0.164	0.030	4.074	0.002	0.005	0.018	0.492	0.939	49.0	0	179

NO0002R Birkenes II

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
HCB	air+aerosol	50.54	13.56	48.86	1.32	27.22	30.88	50.54	76.12	79.99	14.5	0	53
N1methylnaphtalene	air+aerosol	0.16	0.24	0.10	2.29	0.06	0.06	0.06	0.72	1.43	14.0	23	50
N1methylphenanthrene	air+aerosol	0.05	0.02	0.05	1.28	0.04	0.04	0.05	0.10	0.14	14.0	37	50
N2methylanthracene	air+aerosol	0.01	0.01	0.00	2.47	0.00	0.00	0.00	0.04	0.06	14.0	27	50
N2methylnaphtalene	air+aerosol	0.26	0.33	0.18	2.08	0.11	0.11	0.12	1.05	1.98	14.0	24	50
N2methylphenanthrene	air+aerosol	0.15	0.01	0.15	1.04	0.14	0.15	0.15	0.16	0.20	14.0	48	50
N3methylphenanthrene	air+aerosol	0.12	0.01	0.12	1.04	0.12	0.12	0.12	0.13	0.15	14.0	48	50
N9methylphenanthrene	air+aerosol	0.04	0.01	0.04	1.22	0.03	0.03	0.04	0.07	0.10	14.0	43	50
PCB_101	air+aerosol	0.554	0.418	0.437	1.993	0.091	0.162	0.435	1.447	2.124	14.5	0	53
PCB_105	air+aerosol	0.04	0.03	0.04	1.97	0.01	0.01	0.04	0.11	0.13	13.4	4	49
PCB_114	air+aerosol	0.01	0.00	0.01	1.10	0.01	0.01	0.01	0.01	0.02	14.5	49	53
PCB_118	air+aerosol	0.144	0.098	0.117	1.952	0.022	0.037	0.122	0.372	0.477	13.9	0	51
PCB_122	air+aerosol	0.01	0.00	0.01	1.08	0.01	0.01	0.01	0.01	0.02	14.5	51	53
PCB_123	air+aerosol	0.01	0.00	0.01	1.22	0.01	0.01	0.01	0.02	0.03	14.5	47	53
PCB_128	air+aerosol	0.03	0.02	0.02	1.98	0.01	0.01	0.03	0.08	0.10	12.8	11	47
PCB_138	air+aerosol	0.209	0.157	0.161	2.086	0.026	0.047	0.152	0.553	0.763	14.2	0	52
PCB_141	air+aerosol	0.06	0.05	0.04	2.21	0.01	0.01	0.05	0.15	0.21	13.4	3	49
PCB_149	air+aerosol	0.357	0.290	0.267	2.154	0.050	0.064	0.249	0.973	1.389	14.5	0	53
PCB_153	air+aerosol	0.304	0.235	0.234	2.087	0.040	0.062	0.229	0.796	1.187	14.5	0	53
PCB_156	air+aerosol	0.01	0.01	0.01	1.37	0.01	0.01	0.01	0.03	0.03	14.2	28	52
PCB_157	air+aerosol	0.01	0.00	0.01	1.01	0.01	0.01	0.01	0.01	0.01	14.5	53	53
PCB_167	air+aerosol	0.01	0.00	0.01	1.14	0.01	0.01	0.01	0.01	0.02	14.5	46	53
PCB_170	air+aerosol	0.02	0.02	0.02	1.88	0.01	0.01	0.02	0.06	0.07	14.0	21	51
PCB_18	air+aerosol	1.536	0.824	1.342	1.697	0.461	0.550	1.263	3.295	3.741	14.5	0	53
PCB_180	air+aerosol	0.074	0.051	0.058	2.142	0.010	0.011	0.072	0.185	0.210	14.5	2	53
PCB_183	air+aerosol	0.03	0.02	0.02	1.95	0.01	0.01	0.02	0.07	0.08	14.5	2	53
PCB_187	air+aerosol	0.07	0.06	0.05	2.27	0.01	0.01	0.06	0.20	0.23	14.5	3	53
PCB_189	air+aerosol	0.01	0.00	0.01	1.01	0.01	0.01	0.01	0.01	0.01	14.5	53	53
PCB_194	air+aerosol	0.01	0.00	0.01	1.18	0.01	0.01	0.01	0.02	0.03	13.9	47	51
PCB_206	air+aerosol	0.01	0.00	0.01	1.18	0.01	0.01	0.01	0.01	0.02	14.5	51	53
PCB_209	air+aerosol	0.01	0.01	0.01	1.37	0.01	0.01	0.01	0.03	0.05	14.5	44	53
PCB_28	air+aerosol	0.939	0.548	0.807	1.738	0.264	0.312	0.759	2.234	2.482	14.5	0	53
PCB_31	air+aerosol	0.880	0.505	0.758	1.730	0.249	0.294	0.717	2.079	2.215	14.5	0	53
PCB_33	air+aerosol	0.54	0.31	0.46	1.74	0.16	0.18	0.44	1.22	1.33	14.5	0	53
PCB_37	air+aerosol	0.09	0.05	0.08	1.77	0.02	0.03	0.08	0.20	0.21	13.4	0	49
PCB_47	air+aerosol	1.14	1.11	0.81	2.29	0.14	0.21	0.77	3.48	6.51	14.5	0	53
PCB_52	air+aerosol	0.915	0.566	0.785	1.719	0.273	0.352	0.707	2.245	2.929	14.5	0	53
PCB_66	air+aerosol	0.23	0.15	0.19	1.83	0.05	0.07	0.19	0.62	0.63	13.9	0	51
PCB_74	air+aerosol	0.14	0.09	0.12	1.80	0.03	0.05	0.11	0.38	0.41	14.2	0	52
PCB_99	air+aerosol	0.19	0.13	0.15	1.83	0.04	0.07	0.15	0.50	0.64	14.5	0	53
acenaphthene	air+aerosol	0.10	0.18	0.08	1.80	0.05	0.05	0.06	0.28	1.30	14.0	20	50
acenaphthylene	air+aerosol	0.03	0.07	0.01	2.86	0.01	0.01	0.01	0.13	0.47	14.0	14	50
alpha_HCH	air+aerosol	6.42	3.59	5.68	1.62	2.73	2.79	5.20	13.67	21.90	14.5	0	53
anthanthrene	air+aerosol	0.01	0.02	0.00	3.12	0.00	0.00	0.00	0.05	0.11	14.0	18	50
anthracene	air+aerosol	0.03	0.10	0.01	3.13	0.00	0.00	0.01	0.20	0.59	14.0	17	50
benz_a_anthracene	air+aerosol	0.02	0.04	0.01	2.74	0.01	0.01	0.01	0.13	0.21	14.0	25	50
benzo_a_fluoranthene	air+aerosol	0.01	0.02	0.00	3.78	0.00	0.00	0.00	0.07	0.10	14.0	9	50
benzo_a_fluorene	air+aerosol	0.12	0.00	0.12	1.02	0.12	0.12	0.13	0.13	0.13	14.0	50	50
benzo_a_pyrene	air+aerosol	0.032	0.060	0.013	3.724	0.002	0.002	0.010	0.197	0.297	14.0	4	50
benzo_b_fluorene	air+aerosol	0.01	0.00	0.01	1.03	0.01	0.01	0.01	0.01	0.02	12.1	42	43
benzo_bjk_fluoranthenes	air+aerosol	0.11	0.16	0.06	2.69	0.02	0.02	0.05	0.52	0.81	14.0	9	50
benzo_e_pyrene	air+aerosol	0.05	0.06	0.03	2.54	0.01	0.01	0.02	0.23	0.28	13.2	13	47
benzo_ghi_fluoranthene	air+aerosol	0.05	0.06	0.03	3.01	0.00	0.00	0.03	0.23	0.28	12.3	3	44
benzo_ghi_perylene	air+aerosol	0.02	0.04	0.01	3.23	0.00	0.00	0.01	0.11	0.20	14.0	9	50
biphenyl	air+aerosol	0.57	0.88	0.24	3.54	0.07	0.07	0.16	2.90	3.98	14.0	12	50
chrysene_triphenylene	air+aerosol	0.12	0.07	0.11	1.40	0.09	0.09	0.10	0.28	0.47	14.0	39	50
cis_CD	air+aerosol	0.50	0.22	0.45	1.65	0.12	0.17	0.50	0.89	0.95	14.2	1	52
cis_NO	air+aerosol	0.10	0.22	0.05	2.81	0.01	0.01	0.06	0.83	1.13	13.1	21	48
coronene	air+aerosol	0.02	0.04	0.01	3.15	0.00	0.00	0.01	0.12	0.17	13.2	7	48
cyclopenta_cd_pyrene	air+aerosol	0.01	0.02	0.01	3.07	0.00	0.00	0.00	0.07	0.11	14.0	24	50
dibenzo_ac_ah_anthracenes	air+aerosol	0.01	0.01	0.00	2.55	0.00	0.00	0.00	0.04	0.04	14.0	13	50
dibenzo_ae_pyrene	air+aerosol	0.00	0.01	0.00	2.07	0.00	0.00	0.00	0.02	0.03	9.9	26	35
dibenzo_ah_pyrene	air+aerosol	0.01	0.02	0.00	2.26	0.00	0.00	0.00	0.01	0.12	13.4	41	48
dibenzo_ai_pyrene	air+aerosol	0.00	0.01	0.00	2.00	0.00	0.00	0.00	0.02	0.04	12.3	37	44
dibenzofuran	air+aerosol	1.39	1.74	0.82	2.68	0.29	0.29	0.64	6.37	7.32	14.0	11	50
dibenzothiophene	air+aerosol	0.07	0.02	0.07	1.23	0.06	0.06	0.06	0.13	0.17	14.0	40	50
fluoranthene	air+aerosol	0.21	0.24	0.14	2.27	0.06	0.07	0.10	0.85	1.10	14.0	10	50
fluorene	air+aerosol	0.74	0.83	0.51	2.21	0.25	0.26	0.37	3.18	3.83	14.0	17	50
gamma_HCH	air+aerosol	3.35	3.62	2.10	2.59	0.44	0.57	2.04	12.23	16.52	14.5	0	53
inden_123cd_pyrene	air+aerosol	0.04	0.07	0.02	3.48	0.00	0.00	0.01	0.23	0.37	14.0	3	50
naphtalene	air+aerosol	0.52	0.93	0.26	2.81	0.12	0.12	0.13	2.44	5.58	14.0	24	50
op_DDD	air+aerosol	0.04	0.03	0.03	2.03	0.01	0.01	0.03	0.09	0.20	13.6	7	50
op_DDE	air+aerosol	0.08	0.04	0.07	1.77	0.01	0.03	0.07	0.19	0.19	13.9	2	51
op_DDT	air+aerosol	0.34	0.24	0.22	3.41	0.01	0.01	0.28	0.77	0.78	6.6	3	24
perylene	air+aerosol	0.01	0.01	0.00	2.97	0.00	0.00	0.00	0.03	0.06	14.0	26	50
phenanthrene	air+aerosol	0.95	0.47	0.89	1.44	0.68	0.69	0.73	2.29	2.51	14.0	30	50
pp_DDD	air+aerosol	0.08	0.16	0.03	3.48	0.01	0.01	0.03	0.45	0.89	10.3	17	38
pp_DDE	air+aerosol	1.05	0.97	0.79	2.08	0.21	0.26	0.72	2.69	5.98	14.5	0	53
pp_DDT	air+aerosol	0.29	0.24	0.20	2.55	0.01	0.03	0.22	0.80	0.98	14.5	2	53
pyrene	air+aerosol	0.14	0.15	0.11	1.82	0.08	0.08	0.08	0.53	0.83	14.0	31	50
retene	air+aerosol	0.05	0.05	0.04	2.23	0.01	0.01	0.04	0.16	0.26	14.0	3	50
sum_DDT	air+aerosol	1.81	1.38	1.42	2.01	0.29	0.40	1.32	4.11	8.03	14.5	0	53
sum_PCB	air+aerosol	13.72	8.45	11.63	1.77	3.93	4.99	10.93	33.75	38.01	14.5	0	53
sum_heptachlor_PCB	air+aerosol	0.25	0.21	0.18	2.47	0.00	0.02	0.20	0.76	0.89	14.5	0	53
sum_hexachlor_PCB	air+aerosol	1.43	1.26	1.00	2.38	0.16	0.17	0.96	4.12	6.13	14.5	0	53
sum_pentachlor_PCB	air+aerosol	1.49	1.18	1.14	2.10	0.20	0.34	1.07	4.32	5.87	14.5	0	53
sum_tetrachlor_PCB	air+aerosol	4.55	3.01	3.77	1.84	1.04	1.59	3.46	12.21	13.74	14.5	0	53
sum_trichlor_PCB	air+aerosol	5.97	3.31	5.18	1.71	1.64	2.24	4.86	13.22	14.71	14.5	0	53
trans_CD	air+aerosol	0.22	0.12	0.19	1.69	0.07	0.07	0.20	0.55	0.59	14.5	1	53
trans_NO	air+aerosol	0.43	0.23	0.37	1.83	0.07	0.11	0.40	0.98	1.17	13.9	3	51

NO0042G Zeppelin mountain (Ny-Ålesund)

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
HCB	air+aerosol	78.57	14.09	71.87	2.12	0.38	59.82	81.88	93.77	95.33	28.7	0	52
N1methylnaphtalene	air+aerosol	0.10	0.11	0.07	2.38	0.03	0.03	0.04	0.35	0.45	26.4	24	48
N1methylphenanthrene	air+aerosol	0.03	0.00	0.03	1.04	0.02	0.02	0.03	0.03	0.03	28.6	52	52
N2methylanthracene	air+aerosol	0.00	0.00	0.00	1.32	0.00	0.00	0.00	0.00	0.00	28.6	36	52
N2methylnaphtalene	air+aerosol	0.13	0.12	0.10	1.95	0.06	0.06	0.07	0.39	0.56	26.4	23	48
N2methylphenanthrene	air+aerosol	0.09	0.00	0.09	1.04	0.08	0.08	0.09	0.09	0.10	28.6	52	52
N3methylphenanthrene	air+aerosol	0.07	0.00	0.07	1.04	0.06	0.06	0.07	0.07	0.08	28.6	52	52
N9methylphenanthrene	air+aerosol	0.02	0.00	0.02	1.06	0.02	0.02	0.02	0.02	0.03	28.6	51	52
PCB_101	air+aerosol	0.290	0.107	0.267	1.572	0.038	0.131	0.281	0.504	0.559	28.7	0	52
PCB_105	air+aerosol	0.03	0.01	0.02	1.73	0.01	0.01	0.02	0.07	0.07	27.6	9	50
PCB_114	air+aerosol	0.01	0.00	0.01	1.02	0.01	0.01	0.01	0.01	0.01	28.7	52	52
PCB_118	air+aerosol	0.076	0.043	0.064	1.824	0.012	0.023	0.071	0.175	0.207	28.1	0	51
PCB_122	air+aerosol	0.01	0.00	0.01	1.03	0.01	0.01	0.01	0.01	0.01	28.7	52	52
PCB_123	air+aerosol	0.01	0.02	0.01	1.67	0.01	0.01	0.01	0.06	0.08	28.1	48	51
PCB_128	air+aerosol	0.01	0.01	0.01	1.40	0.01	0.01	0.01	0.03	0.04	28.1	26	51
PCB_138	air+aerosol	0.076	0.043	0.065	1.767	0.015	0.025	0.065	0.163	0.229	28.7	0	52
PCB_141	air+aerosol	0.02	0.01	0.02	1.52	0.01	0.01	0.01	0.04	0.05	28.2	12	51
PCB_149	air+aerosol	0.134	0.057	0.121	1.617	0.019	0.056	0.125	0.239	0.324	28.7	0	52
PCB_153	air+aerosol	0.110	0.054	0.096	1.735	0.017	0.037	0.104	0.226	0.281	28.7	0	52
PCB_156	air+aerosol	0.01	0.00	0.01	1.09	0.01	0.01	0.01	0.01	0.02	28.1	49	51
PCB_157	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	0.01	0.01	28.1	52	51
PCB_167	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	0.01	0.01	28.7	52	52
PCB_170	air+aerosol	0.01	0.00	0.01	1.19	0.01	0.01	0.01	0.02	0.02	28.1	45	51
PCB_18	air+aerosol	1.702	0.437	1.605	1.551	0.110	1.082	1.703	2.421	2.823	28.1	0	51
PCB_180	air+aerosol	0.021	0.012	0.018	1.654	0.010	0.010	0.017	0.047	0.064	28.7	12	52
PCB_183	air+aerosol	0.01	0.00	0.01	1.25	0.01	0.01	0.01	0.02	0.03	27.6	11	50
PCB_187	air+aerosol	0.03	0.01	0.02	1.65	0.01	0.01	0.02	0.05	0.08	28.7	3	52
PCB_189	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	0.01	0.01	28.7	52	52
PCB_194	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	0.01	0.01	28.7	52	52
PCB_206	air+aerosol	0.01	0.00	0.01	1.04	0.01	0.01	0.01	0.01	0.01	28.7	52	52
PCB_209	air+aerosol	0.01	0.00	0.01	1.17	0.01	0.01	0.01	0.01	0.03	28.1	47	51
PCB_28	air+aerosol	1.365	0.415	1.280	1.522	0.133	0.797	1.299	2.088	2.446	28.1	0	51
PCB_31	air+aerosol	1.258	0.368	1.184	1.508	0.126	0.773	1.212	1.899	2.135	28.1	0	51
PCB_33	air+aerosol	0.99	0.36	0.92	1.56	0.11	0.49	0.93	1.64	2.15	28.1	0	51
PCB_37	air+aerosol	0.18	0.09	0.16	1.65	0.03	0.07	0.15	0.38	0.44	27.6	0	50
PCB_47	air+aerosol	0.38	0.20	0.33	1.68	0.04	0.18	0.33	0.91	1.06	28.1	0	51
PCB_52	air+aerosol	0.703	0.211	0.660	1.514	0.074	0.388	0.693	1.045	1.286	28.1	0	51
PCB_66	air+aerosol	0.19	0.10	0.17	1.69	0.03	0.08	0.17	0.43	0.47	28.1	0	51
PCB_74	air+aerosol	0.12	0.05	0.10	1.64	0.01	0.05	0.11	0.25	0.26	28.1	0	51
PCB_99	air+aerosol	0.11	0.05	0.10	1.73	0.01	0.04	0.12	0.21	0.24	28.7	1	52
acenaphthene	air+aerosol	0.03	0.00	0.03	1.61	0.00	0.03	0.03	0.03	0.03	28.6	52	52
acenaphthylene	air+aerosol	0.00	0.00	0.00	1.61	0.00	0.00	0.00	0.01	0.02	28.6	42	52
alpha_HCH	air+aerosol	7.66	1.92	7.43	1.28	4.22	4.97	7.44	11.24	11.60	28.7	0	52
anthanthrene	air+aerosol	0.00	0.00	0.00	1.87	0.00	0.00	0.00	0.01	0.03	28.1	17	51
anthracene	air+aerosol	0.00	0.01	0.00	1.80	0.00	0.00	0.00	0.01	0.06	28.6	41	52
benz_a_anthracene	air+aerosol	0.00	0.01	0.00	2.21	0.00	0.00	0.00	0.01	0.04	27.6	41	50
benzo_a_fluoranthene	air+aerosol	0.00	0.00	0.00	1.73	0.00	0.00	0.00	0.01	0.01	28.6	18	52
benzo_a_fluorene	air+aerosol	0.06	0.03	0.03	5.80	0.00	0.00	0.07	0.08	0.08	28.6	52	52
benzo_a_pyrene	air+aerosol	0.003	0.008	0.002	2.604	0.001	0.001	0.001	0.012	0.051	28.6	32	52
benzo_b_fluorene	air+aerosol	0.01	0.04	0.01	2.62	0.00	0.00	0.01	0.01	0.30	27.0	48	49
benzo_bjk_fluoranthenes	air+aerosol	0.02	0.03	0.01	2.05	0.00	0.01	0.01	0.07	0.17	28.6	42	52
benzo_e_pyrene	air+aerosol	0.01	0.01	0.01	2.09	0.00	0.00	0.01	0.03	0.05	28.6	42	52
benzo_ghi_fluoranthene	air+aerosol	0.00	0.01	0.00	2.20	0.00	0.00	0.00	0.01	0.03	27.6	33	50
benzo_ghi_perylene	air+aerosol	0.01	0.01	0.00	2.40	0.00	0.00	0.00	0.02	0.05	28.1	24	51
biphenyl	air+aerosol	0.53	0.64	0.19	4.87	0.04	0.04	0.12	1.89	2.22	26.4	16	48
chrysene_triphenylene	air+aerosol	0.06	0.01	0.06	1.08	0.05	0.05	0.05	0.06	0.09	27.6	48	50
cis_CD	air+aerosol	0.49	0.12	0.47	1.28	0.28	0.30	0.47	0.74	0.75	28.7	0	52
cis_NO	air+aerosol	0.10	0.13	0.05	2.97	0.01	0.01	0.05	0.42	0.45	24.8	12	45
coronene	air+aerosol	0.00	0.00	0.00	2.22	0.00	0.00	0.00	0.01	0.03	28.1	35	51
cyclopenta_cd_pyrene	air+aerosol	0.00	0.01	0.00	2.26	0.00	0.00	0.00	0.01	0.04	27.6	38	50
dibenzo_ac_ah_anthracenes	air+aerosol	0.00	0.00	0.00	1.56	0.00	0.00	0.00	0.00	0.01	28.1	36	51
dibenzo_ae_pyrene	air+aerosol	0.00	0.00	0.00	1.42	0.00	0.00	0.00	0.00	0.01	28.1	46	51
dibenzo_ah_pyrene	air+aerosol	0.00	0.01	0.00	1.89	0.00	0.00	0.00	0.01	0.03	28.1	45	51
dibenzo_ai_pyrene	air+aerosol	0.00	0.00	0.00	1.69	0.00	0.00	0.00	0.01	0.01	26.5	44	48
dibenzofuran	air+aerosol	0.75	0.77	0.44	2.82	0.16	0.16	0.28	2.60	2.77	28.6	22	52
dibenzothiophene	air+aerosol	0.04	0.00	0.04	1.04	0.03	0.03	0.04	0.04	0.04	28.6	51	52
fluoranthene	air+aerosol	0.05	0.04	0.04	1.54	0.03	0.04	0.04	0.12	0.27	28.6	41	52
fluorene	air+aerosol	0.27	0.24	0.21	1.84	0.14	0.14	0.15	0.96	1.18	28.6	33	52
gamma_HCH	air+aerosol	1.03	0.29	0.99	1.31	0.58	0.63	0.98	1.69	1.73	28.7	0	52
inden_123cd_pyrene	air+aerosol	0.00	0.01	0.00	2.92	0.00	0.00	0.00	0.02	0.06	28.1	10	51
naphtalene	air+aerosol	0.49	0.61	0.25	3.18	0.07	0.07	0.14	2.06	2.77	26.4	4	48
op_DDD	air+aerosol	0.02	0.03	0.02	2.00	0.01	0.01	0.01	0.07	0.16	27.0	26	49
op_DDE	air+aerosol	0.06	0.04	0.04	2.63	0.01	0.01	0.04	0.14	0.17	28.1	13	51
op_DDT	air+aerosol	0.14	0.09	0.10	2.56	0.01	0.01	0.14	0.29	0.33	27.1	3	49
perylene	air+aerosol	0.00	0.01	0.00	1.89	0.00	0.00	0.00	0.00	0.05	28.6	16	52
phenanthrene	air+aerosol	0.41	0.02	0.41	1.04	0.37	0.37	0.41	0.43	0.45	28.6	52	52
pp_DDD	air+aerosol	0.02	0.02	0.02	1.94	0.01	0.01	0.01	0.09	0.11	25.9	24	47
pp_DDE	air+aerosol	0.37	0.36	0.20	3.32	0.03	0.04	0.29	1.07	1.66	26.4	1	48
pp_DDT	air+aerosol	0.07	0.05	0.05	2.42	0.01	0.01	0.06	0.16	0.16	27.0	2	49
pyrene	air+aerosol	0.05	0.02	0.05	1.26	0.04	0.04	0.04	0.07	0.19	28.6	46	52
retene	air+aerosol	0.01	0.00	0.01	1.33	0.01	0.01	0.01	0.01	0.02	28.6	39	52
sum_DDT	air+aerosol	0.65	0.53	0.44	2.58	0.10	0.11	0.51	1.65	2.27	28.7	0	52
sum_PCB	air+aerosol	13.14	4.44	12.26	1.53	1.34	7.66	12.76	20.66	30.11	28.7	0	52
sum_heptachlor_PCB	air+aerosol	0.07	0.05	0.06	1.82	0.01	0.02	0.06	0.17	0.26	28.7	0	52
sum_hexachlor_PCB	air+aerosol	0.53	0.26	0.47	1.67	0.08	0.21	0.49	1.02	1.50	28.7	0	52
sum_pentachlor_PCB	air+aerosol	0.83	0.36	0.75	1.65	0.11	0.35	0.82	1.56	1.71	28.7	0	52
sum_tetrachlor_PCB	air+aerosol	3.25	1.38	2.95	1.62	0.36	1.55	2.94	6.36	6.86	28.7	0	52
sum_trichlor_PCB	air+aerosol	8.42	2.91	7.85	1.54	0.74	5.04	8.09	13.05	21.14	28.7	0	52
trans_CD	air+aerosol	0.17	0.09	0.15	1.79	0.05	0.06	0.16	0.36	0.42	28.7	0	52
trans_NO	air+aerosol	0.39	0.11	0.38	1.30	0.23	0.24	0.39	0.64	0.67	28.1	0	51

NO0090R Andøya

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
HCB	air+aerosol	29.10	17.03	26.48	1.65	10.69	12.24	24.46	59.49	101.50	34.5	0	45
N1methylnaphtalene	air+aerosol	0.07	0.06	0.06	1.61	0.03	0.03	0.06	0.13	0.41	14.8	29	43
N1methylphenanthrene	air+aerosol	0.04	0.01	0.04	1.39	0.02	0.02	0.05	0.06	0.07	14.8	43	43
N2methylanthracene	air+aerosol	0.00	0.00	0.00	1.36	0.00	0.00	0.00	0.00	0.00	14.8	39	43
N2methylnaphtalene	air+aerosol	0.12	0.10	0.11	1.57	0.05	0.06	0.12	0.20	0.70	14.8	32	43
N2methylphenanthrene	air+aerosol	0.13	0.04	0.14	1.39	0.07	0.08	0.17	0.19	0.22	14.8	43	43
N3methylphenanthrene	air+aerosol	0.10	0.03	0.11	1.39	0.06	0.06	0.13	0.15	0.17	14.8	43	43
N9methylphenanthrene	air+aerosol	0.03	0.01	0.03	1.38	0.02	0.02	0.04	0.04	0.05	14.8	41	43
PCB_101	air+aerosol	0.350	0.155	0.319	1.543	0.121	0.131	0.303	0.728	0.764	33.2	0	43
PCB_105	air+aerosol	0.03	0.02	0.03	1.74	0.01	0.01	0.03	0.09	0.12	34.5	3	45
PCB_114	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	0.01	0.01	33.7	44	44
PCB_118	air+aerosol	0.106	0.062	0.091	1.701	0.031	0.031	0.083	0.247	0.350	34.5	0	45
PCB_122	air+aerosol	0.01	0.00	0.01	1.04	0.01	0.01	0.01	0.01	0.01	34.5	42	45
PCB_123	air+aerosol	0.01	0.00	0.01	1.09	0.01	0.01	0.01	0.01	0.02	34.5	43	45
PCB_128	air+aerosol	0.03	0.03	0.02	1.95	0.01	0.01	0.02	0.12	0.14	34.5	7	45
PCB_138	air+aerosol	0.155	0.114	0.131	1.793	0.042	0.051	0.115	0.490	0.533	34.5	0	45
PCB_141	air+aerosol	0.04	0.03	0.03	1.75	0.01	0.01	0.03	0.11	0.12	32.9	0	43
PCB_149	air+aerosol	0.217	0.112	0.194	1.586	0.079	0.084	0.179	0.492	0.534	34.5	0	45
PCB_153	air+aerosol	0.195	0.110	0.171	1.663	0.058	0.073	0.156	0.436	0.493	34.5	0	45
PCB_156	air+aerosol	0.02	0.03	0.01	1.87	0.01	0.01	0.01	0.11	0.15	32.9	27	43
PCB_157	air+aerosol	0.01	0.00	0.01	1.06	0.01	0.01	0.01	0.01	0.01	34.5	43	45
PCB_167	air+aerosol	0.01	0.01	0.01	1.37	0.01	0.01	0.01	0.03	0.05	34.5	39	45
PCB_170	air+aerosol	0.05	0.16	0.02	2.98	0.01	0.01	0.01	0.53	0.89	33.7	12	44
PCB_18	air+aerosol	1.061	0.660	0.892	1.844	0.231	0.304	0.989	2.799	3.059	34.0	0	44
PCB_180	air+aerosol	0.101	0.280	0.054	2.750	0.015	0.017	0.039	0.960	1.509	33.7	0	44
PCB_183	air+aerosol	0.02	0.02	0.02	1.79	0.01	0.01	0.01	0.08	0.10	34.5	0	45
PCB_187	air+aerosol	0.05	0.04	0.04	1.82	0.01	0.02	0.04	0.17	0.21	34.5	0	45
PCB_189	air+aerosol	0.01	0.00	0.01	1.21	0.01	0.01	0.01	0.02	0.03	34.0	42	44
PCB_194	air+aerosol	0.01	0.02	0.01	1.64	0.01	0.01	0.01	0.06	0.12	34.0	37	44
PCB_206	air+aerosol	0.01	0.00	0.01	1.01	0.01	0.01	0.01	0.01	0.01	34.5	44	45
PCB_209	air+aerosol	0.01	0.01	0.01	1.46	0.01	0.01	0.01	0.02	0.11	34.5	42	45
PCB_28	air+aerosol	0.658	0.351	0.577	1.707	0.186	0.188	0.599	1.546	1.599	34.0	0	44
PCB_31	air+aerosol	0.614	0.317	0.543	1.675	0.171	0.186	0.550	1.418	1.500	34.0	0	44
PCB_33	air+aerosol	0.37	0.22	0.32	1.75	0.10	0.10	0.32	0.95	1.08	34.0	0	44
PCB_37	air+aerosol	0.06	0.04	0.05	1.90	0.01	0.01	0.04	0.19	0.22	34.0	1	44
PCB_47	air+aerosol	1.10	0.69	0.96	1.81	0.26	0.31	0.89	2.81	2.97	30.7	0	40
PCB_52	air+aerosol	0.631	0.247	0.581	1.517	0.196	0.218	0.576	1.180	1.226	30.7	0	40
PCB_66	air+aerosol	0.16	0.09	0.14	1.66	0.04	0.04	0.14	0.36	0.50	30.7	0	40
PCB_74	air+aerosol	0.10	0.06	0.09	1.68	0.03	0.03	0.09	0.25	0.30	30.7	0	40
PCB_99	air+aerosol	0.13	0.06	0.12	1.62	0.04	0.04	0.12	0.27	0.35	33.2	0	43
acenaphthene	air+aerosol	0.05	0.01	0.05	1.37	0.03	0.03	0.06	0.07	0.08	15.1	43	44
acenaphthylene	air+aerosol	0.01	0.01	0.01	2.17	0.00	0.00	0.01	0.03	0.08	15.1	33	44
alpha_HCH	air+aerosol	5.13	1.45	5.14	1.28	3.37	3.58	4.98	9.04	9.50	31.6	0	41
anthanthrene	air+aerosol	0.00	0.01	0.00	1.84	0.00	0.00	0.00	0.00	0.05	15.1	35	44
anthracene	air+aerosol	0.00	0.00	0.00	1.77	0.00	0.00	0.00	0.01	0.03	14.8	26	43
benz_a_anthracene	air+aerosol	0.01	0.01	0.01	2.13	0.00	0.00	0.01	0.03	0.08	14.8	35	43
benzo_a_fluoranthene	air+aerosol	0.00	0.01	0.00	2.33	0.00	0.00	0.00	0.01	0.08	15.1	34	44
benzo_a_fluorene	air+aerosol	0.10	0.04	0.08	3.52	0.00	0.00	0.14	0.16	0.18	14.8	43	43
benzo_a_pyrene	air+aerosol	0.005	0.015	0.003	2.535	0.001	0.001	0.002	0.030	0.095	15.1	26	44
benzo_b_fluorene	air+aerosol	0.01	0.00	0.01	1.39	0.01	0.01	0.01	0.02	0.02	14.2	41	41
benzo_bjk_fluoranthenes	air+aerosol	0.03	0.06	0.02	1.89	0.01	0.01	0.02	0.13	0.35	15.1	36	44
benzo_e_pyrene	air+aerosol	0.01	0.02	0.01	1.69	0.01	0.01	0.01	0.04	0.12	15.1	36	44
benzo_ghi_fluoranthene	air+aerosol	0.01	0.01	0.00	2.20	0.00	0.00	0.00	0.03	0.08	14.8	25	43
benzo_ghi_perylene	air+aerosol	0.01	0.02	0.01	2.23	0.00	0.00	0.00	0.04	0.12	13.4	22	40
biphenyl	air+aerosol	0.21	0.24	0.15	2.33	0.04	0.07	0.12	0.91	1.00	14.8	18	43
chrysene_triphenylene	air+aerosol	0.09	0.03	0.09	1.42	0.05	0.05	0.10	0.15	0.20	14.8	41	43
cis_CD	air+aerosol	0.53	0.10	0.52	1.24	0.26	0.32	0.54	0.73	0.75	31.6	1	41
cis_NO	air+aerosol	0.05	0.02	0.04	1.70	0.01	0.02	0.04	0.09	0.09	31.3	3	41
coronene	air+aerosol	0.01	0.01	0.00	2.23	0.00	0.00	0.00	0.04	0.06	15.1	29	44
cyclopenta_cd_pyrene	air+aerosol	0.00	0.01	0.00	1.99	0.00	0.00	0.00	0.01	0.03	14.8	37	43
dibenzo_ac_ah_anthracenes	air+aerosol	0.00	0.00	0.00	1.38	0.00	0.00	0.00	0.00	0.00	15.1	35	44
dibenzo_ae_pyrene	air+aerosol	0.00	0.00	0.00	1.47	0.00	0.00	0.00	0.00	0.00	13.5	38	41
dibenzo_ah_pyrene	air+aerosol	0.00	0.00	0.00	1.56	0.00	0.00	0.00	0.00	0.01	15.1	42	44
dibenzo_ai_pyrene	air+aerosol	0.00	0.00	0.00	1.92	0.00	0.00	0.00	0.01	0.02	14.0	39	42
dibenzofuran	air+aerosol	0.60	0.58	0.49	1.99	0.16	0.18	0.33	2.12	2.92	15.1	22	44
dibenzothiophene	air+aerosol	0.05	0.02	0.06	1.39	0.03	0.03	0.07	0.08	0.09	14.8	42	43
fluoranthene	air+aerosol	0.09	0.10	0.08	1.71	0.03	0.04	0.07	0.28	0.65	14.8	30	43
fluorene	air+aerosol	0.34	0.39	0.31	1.72	0.14	0.14	0.28	0.91	2.64	15.1	28	44
gamma_HCH	air+aerosol	1.21	0.78	1.04	1.68	0.45	0.55	0.93	2.94	4.16	33.0	0	43
inden_123cd_pyrene	air+aerosol	0.01	0.02	0.00	2.87	0.00	0.00	0.00	0.04	0.13	15.1	22	44
naphtalene	air+aerosol	0.18	0.15	0.16	1.76	0.07	0.07	0.13	0.60	0.76	14.8	23	43
op_DDD	air+aerosol	0.02	0.02	0.02	1.73	0.01	0.01	0.02	0.08	0.08	26.4	5	35
op_DDE	air+aerosol	0.07	0.04	0.05	2.06	0.01	0.01	0.06	0.13	0.23	33.8	4	44
op_DDT	air+aerosol	0.16	0.08	0.13	2.15	0.01	0.01	0.15	0.33	0.42	26.9	2	35
perylene	air+aerosol	0.00	0.00	0.00	1.50	0.00	0.00	0.00	0.00	0.01	14.5	36	43
phenanthrene	air+aerosol	0.63	0.27	0.66	1.43	0.34	0.37	0.77	1.00	1.85	14.8	41	43
pp_DDD	air+aerosol	0.02	0.01	0.02	1.75	0.01	0.01	0.01	0.06	0.07	26.7	13	35
pp_DDE	air+aerosol	0.47	0.37	0.34	2.47	0.03	0.06	0.40	1.23	1.86	33.8	2	44
pp_DDT	air+aerosol	0.09	0.06	0.07	2.10	0.01	0.02	0.08	0.25	0.26	31.3	1	41
pyrene	air+aerosol	0.07	0.05	0.07	1.53	0.04	0.04	0.08	0.14	0.34	14.8	39	43
retene	air+aerosol	0.01	0.01	0.01	1.59	0.01	0.01	0.01	0.03	0.06	14.8	30	43
sum_DDT	air+aerosol	0.82	0.55	0.65	2.07	0.10	0.17	0.76	1.85	2.91	33.8	0	44
sum_PCB	air+aerosol	11.85	5.12	9.00	1.61	2.99	3.31	8.84	21.02	23.90	45.8	0	46
sum_heptachlor_PCB	air+aerosol	0.26	0.65	0.15	2.63	0.04	0.04	0.11	2.22	3.53	34.5	0	45
sum_hexachlor_PCB	air+aerosol	0.86	0.63	0.73	1.81	0.20	0.27	0.69	2.62	3.08	34.5	0	45
sum_pentachlor_PCB	air+aerosol	0.89	0.49	0.78	1.73	0.20	0.23	0.80	1.94	2.79	34.5	0	45
sum_tetrachlor_PCB	air+aerosol	3.58	1.47	3.34	1.50	1.05	1.46	3.25	7.10	7.17	30.7	0	40
sum_trichlor_PCB	air+aerosol	4.17	2.42	3.59	1.75	1.08	1.17	3.88	10.47	11.76	34.0	0	44
trans_CD	air+aerosol	0.34	0.24	0.28	1.70	0.13	0.13	0.31	0.78	1.54	31.6	0	41
trans_NO	air+aerosol	0.43	0.10	0.42	1.29	0.19	0.23	0.44	0.56	0.59	31.6	1	41

PL0005R Diabla Gora

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.76	1.22	0.16	8.95	0.00	0.00	0.20	3.54	6.25	83.8	0	51
benzo_a_pyrene	pm10	0.715	0.919	0.223	6.432	0.005	0.008	0.276	3.023	3.373	83.8	0	51
benzo_b_fluoranthene	pm10	1.16	1.44	0.36	6.79	0.01	0.01	0.55	4.65	5.82	83.8	0	51
benzo_k_fluoranthene	pm10	0.43	0.55	0.13	6.57	0.00	0.00	0.17	1.78	2.13	83.8	0	51
dibenzo_ah_anthracene	pm10	0.07	0.07	0.03	4.09	0.00	0.00	0.05	0.23	0.27	83.8	0	51
inden_123cd_pyrene	pm10	0.63	0.72	0.24	5.81	0.00	0.01	0.34	2.35	2.38	83.8	0	51

SE0011R Vavihill

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
anthracene	air+aerosol	0.00	0.00	0.00	1.91	0.00	0.00	0.00	0.00	0.00	82.4	0	11
benz_a_anthracene	air+aerosol	0.01	0.01	0.00	4.24	0.00	0.00	0.00	0.04	0.04	82.4	1	11
benzo_a_pyrene	air+aerosol	0.020	0.031	0.008	4.611	0.001	0.001	0.005	0.085	0.085	82.4	0	11
benzo_b_fluoranthene	air+aerosol	0.05	0.07	0.02	4.46	0.00	0.00	0.01	0.23	0.23	82.4	0	11
benzo_ghi_perylene	air+aerosol	0.06	0.07	0.03	4.05	0.00	0.00	0.02	0.23	0.23	82.4	0	11
benzo_k_fluoranthene	air+aerosol	0.02	0.03	0.01	4.45	0.00	0.00	0.00	0.09	0.09	82.4	0	11
chrysene	air+aerosol	0.02	0.03	0.01	3.59	0.00	0.00	0.01	0.10	0.10	82.4	0	11
fluoranthene	air+aerosol	0.03	0.05	0.02	2.79	0.00	0.00	0.01	0.16	0.16	82.4	0	11
inden_123cd_pyrene	air+aerosol	0.04	0.06	0.03	3.48	0.00	0.00	0.02	0.17	0.17	82.4	1	11
phenanthrene	air+aerosol	0.02	0.02	0.02	2.14	0.00	0.00	0.02	0.08	0.08	82.4	0	11
pyrene	air+aerosol	0.03	0.04	0.02	2.61	0.00	0.00	0.01	0.12	0.12	82.4	0	11

SE0012R Aspvreten

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
HCB	air+aerosol	24.57	13.98	20.74	1.89	7.00	7.00	23.00	50.00	50.00	98.8	0	12
PCB_101	air+aerosol	1.060	0.466	0.955	1.631	0.430	0.430	1.040	1.900	1.900	98.8	0	12
PCB_118	air+aerosol	0.349	0.142	0.321	1.500	0.180	0.180	0.290	0.590	0.590	98.8	0	12
PCB_138	air+aerosol	0.543	0.273	0.483	1.632	0.240	0.240	0.520	1.100	1.100	98.8	0	12
PCB_153	air+aerosol	0.646	0.363	0.556	1.733	0.260	0.260	0.575	1.400	1.400	98.8	0	12
PCB_180	air+aerosol	0.166	0.079	0.150	1.573	0.079	0.079	0.135	0.310	0.310	98.8	0	12
PCB_28	air+aerosol	2.383	0.929	2.237	1.419	1.400	1.400	2.200	4.700	4.700	98.8	0	12
PCB_52	air+aerosol	2.249	1.292	1.941	1.662	1.000	1.000	1.750	5.000	5.000	98.8	0	12
alpha_HCH	air+aerosol	3.11	1.38	2.80	1.61	1.00	1.00	3.00	6.00	6.00	98.8	0	12
anthracene	air+aerosol	0.01	0.02	0.01	2.73	0.00	0.00	0.01	0.05	0.05	98.8	0	12
benz_a_anthracene	air+aerosol	0.05	0.04	0.03	3.02	0.00	0.00	0.03	0.13	0.13	98.8	0	12
benzo_a_pyrene	air+aerosol	0.054	0.064	0.027	3.494	0.005	0.005	0.029	0.180	0.180	98.8	0	12
benzo_b_fluoranthene	air+aerosol	0.10	0.12	0.05	3.18	0.01	0.01	0.05	0.35	0.35	98.8	0	12
benzo_ghi_perylene	air+aerosol	0.07	0.09	0.04	3.46	0.01	0.01	0.04	0.26	0.26	98.8	0	12
benzo_k_fluoranthene	air+aerosol	0.04	0.05	0.02	3.26	0.00	0.00	0.02	0.14	0.14	98.8	0	12
chrysene	air+aerosol	0.10	0.11	0.06	2.96	0.02	0.02	0.05	0.32	0.32	98.8	0	12
fluoranthene	air+aerosol	0.43	0.45	0.28	2.62	0.07	0.07	0.24	1.30	1.30	98.8	0	12
gamma_HCH	air+aerosol	1.70	0.98	1.63	1.64	0.00	0.00	1.50	3.00	3.00	98.8	0	12
inden_123cd_pyrene	air+aerosol	0.05	0.06	0.03	3.00	0.01	0.01	0.04	0.19	0.19	98.8	0	12
phenanthrene	air+aerosol	1.06	0.97	0.76	2.30	0.31	0.31	0.68	2.90	2.90	98.8	0	12
pp_DDD	air+aerosol	0.53	0.35	0.41	2.00	0.13	0.13	0.39	1.30	1.30	98.8	0	12
pp_DDE	air+aerosol	1.98	0.80	1.80	1.56	0.87	0.87	2.05	3.30	3.30	98.8	0	12
pp_DDT	air+aerosol	0.47	0.63	0.19	4.40	0.02	0.02	0.17	1.90	1.90	98.8	0	12
pyrene	air+aerosol	0.24	0.26	0.14	2.81	0.03	0.03	0.12	0.75	0.75	98.8	0	12

SE0014R Råø¶

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
HCB	air+aerosol	25.55	10.57	23.25	1.57	13.00	13.00	27.00	42.00	42.00	99.1	0	12
PCB_101	air+aerosol	2.431	1.667	1.931	2.013	0.780	0.780	2.100	5.600	5.600	99.1	0	12
PCB_118	air+aerosol	0.843	0.548	0.686	1.928	0.280	0.280	0.765	1.900	1.900	99.1	0	12
PCB_138	air+aerosol	2.085	1.527	1.573	2.234	0.600	0.600	1.650	4.900	4.900	99.1	0	12
PCB_153	air+aerosol	2.335	1.713	1.753	2.249	0.660	0.660	1.850	5.400	5.400	99.1	0	12
PCB_180	air+aerosol	0.827	0.578	0.643	2.160	0.240	0.240	0.650	1.700	1.700	99.1	0	12
PCB_28	air+aerosol	2.195	0.785	2.056	1.389	1.400	1.400	1.950	4.000	4.000	99.1	0	12
PCB_52	air+aerosol	3.189	1.626	2.792	1.657	1.500	1.500	2.900	6.500	6.500	99.1	0	12
alpha_HCH	air+aerosol	4.12	1.51	3.82	1.48	2.00	2.00	4.00	7.00	7.00	99.1	0	12
anthracene	air+aerosol	0.04	0.05	0.02	4.06	0.00	0.00	0.01	0.15	0.15	99.1	0	12
benz_a_anthracene	air+aerosol	0.12	0.16	0.04	5.47	0.00	0.00	0.07	0.53	0.53	99.1	0	12
benzo_a_pyrene	air+aerosol	0.149	0.196	0.054	5.569	0.003	0.003	0.060	0.620	0.620	99.1	0	12
benzo_b_fluoranthene	air+aerosol	0.26	0.32	0.10	5.36	0.01	0.01	0.14	1.00	1.00	99.1	0	12
benzo_ghi_perylene	air+aerosol	0.27	0.35	0.07	6.90	0.01	0.01	0.05	1.00	1.00	99.1	0	12
benzo_k_fluoranthene	air+aerosol	0.11	0.14	0.04	5.93	0.00	0.00	0.05	0.42	0.42	99.1	0	12
chrysene	air+aerosol	0.31	0.32	0.18	3.23	0.03	0.03	0.17	1.00	1.00	99.1	0	12
fluoranthene	air+aerosol	0.93	1.08	0.46	3.78	0.09	0.09	0.55	3.00	3.00	99.1	0	12
gamma_HCH	air+aerosol	3.38	1.97	2.72	2.04	1.00	1.00	3.00	6.00	6.00	99.1	0	12
inden_123cd_pyrene	air+aerosol	0.18	0.24	0.06	6.09	0.01	0.01	0.12	0.80	0.80	99.1	0	12
phenanthrene	air+aerosol	2.38	2.19	1.67	2.51	0.47	0.47	1.75	7.00	7.00	99.1	0	12
pp_DDD	air+aerosol	0.57	0.48	0.38	2.69	0.10	0.10	0.42	1.40	1.40	99.1	0	12
pp_DDE	air+aerosol	2.61	1.56	2.22	1.67	1.10	1.10	2.20	6.80	6.80	99.1	0	12
pp_DDT	air+aerosol	0.54	0.28	0.46	1.72	0.18	0.18	0.44	1.00	1.00	99.1	0	12
pyrene	air+aerosol	0.59	0.74	0.26	4.28	0.04	0.04	0.28	2.20	2.20	99.1	0	12

SI0008R Iskrba

January 2010 - December 2010

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.14	0.20	0.07	3.27	0.02	0.02	0.06	0.56	1.34	48.8	63	178
benzo_a_pyrene	pm10	0.232	0.359	0.094	3.889	0.020	0.020	0.082	1.043	2.612	49.3	56	180
benzo_bjk_fluoranthenes	pm10	0.69	0.90	0.34	3.30	0.04	0.04	0.27	2.52	4.86	49.0	15	179
dibenzo_ah_anthracene	pm10	0.06	0.05	0.04	2.23	0.02	0.02	0.04	0.17	0.32	49.0	87	179
inden_123cd_pyrene	pm10	0.36	0.52	0.13	4.56	0.02	0.02	0.12	1.50	3.41	49.0	51	179

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		2010	
		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	2	100	3	100	6	100	24	100	13	100	2	100	5	100	2	100	2	100	1	100	4	100	4	100	5	100
FI0017R	aluminium	46	100	30	100	23	100	130	100	26	100	38	100	68	100	25	100	8	100	20	100	48	100	77	100	37	100
FI0022R	aluminium	6	100	5	100	3	100	26	100	13	100	6	100	21	100	15	100	2	100	6	100	5	100	3	100	10	100
FI0036R	aluminium	4	100	3	100	4	100	14	100	-	-	10	100	8	100	2	100	3	100	1	100	2	100	3	100	5	94
FI0053R	aluminium	25	100	6	100	5	100	22	100	22	100	34	100	20	100	11	100	3	100	6	100	8	100	44	100	14	100
FI0092R	aluminium	6	100	8	100	6	100	36	100	13	100	3	100	46	100	16	100	5	100	5	100	2	100	7	100	9	100
FI0093R	aluminium	6	100	5	100	10	100	79	100	13	100	14	100	40	100	9	100	6	100	3	100	11	100	7	100	13	100
IE0001R	aluminium	25	100	5	100	11	100	12	100	38	100	50	100	14	100	15	100	5	100	13	100	6	100	10	100	16	100
IS0090R	aluminium	99	100	427	100	138	100	231	100	100	100	485	100	600	100	66	100	225	100	225	100	-	-	-	-	181	100
IS0091R	aluminium	77	100	5	100	33	100	-	-	95	100	223	100	377	100	15	100	63	100	-	-	-	-	-	-	51	99
DE0001R	antimony	0.063	100	0.067	99	0.084	100	0.137	100	0.078	100	0.076	100	0.094	100	0.03	100	0.04	100	0.047	100	0.056	100	0.04	100	0.059	100
DE0002R	antimony	0.07	100	0.064	100	0.077	100	0.12	97	0.067	100	0.073	97	0.091	100	0.042	100	0.062	100	0.062	100	0.06	100	0.045	100	0.063	100
DE0003R	antimony	0.038	100	0.059	100	0.118	100	0.093	98	0.063	100	0.133	100	0.089	100	0.054	100	0.062	100	0.067	100	0.049	100	0.035	100	0.065	100
DE0007R	antimony	0.08	99	0.063	100	0.064	100	0.16	100	0.09	100	0.058	100	0.109	93	0.089	100	0.102	100	0.084	100	0.065	100	0.069	100	0.082	100
DE0008R	antimony	0.084	100	0.098	100	0.123	100	0.213	100	0.068	100	0.154	100	0.073	100	0.047	100	0.075	100	0.114	100	0.104	100	0.053	100	0.083	100
DE0009R	antimony	0.064	99	0.087	100	0.07	95	0.101	100	0.099	100	0.064	99	0.092	98	0.091	100	0.047	100	0.05	100	0.031	100	0.049	100	0.068	100
GB0048R	antimony	0.063	100	0.198	98	0.121	99	0.106	92	0.106	92	0.149	99	0.049	100	0.065	100	0.065	100	0.025	100	0.07	100	0.123	100	0.085	99
BE0014R	arsenic	0.147	100	0.475	100	0.075	100	0.075	100	0.075	100	0.093	100	0.081	100	0.075	100	0.075	100	0.075	100	0.075	100	0.157	100	0.115	100
DE0001R	arsenic	0.096	100	0.098	99	0.08	100	0.136	100	0.092	100	0.092	100	0.069	100	0.048	100	0.083	100	0.075	100	0.085	100	0.062	100	0.076	100
DE0002R	arsenic	0.116	96	0.083	100	0.064	100	0.12	97	0.068	100	0.094	97	0.075	100	0.033	100	0.077	100	0.055	100	0.058	100	0.072	100	0.068	100
DE0003R	arsenic	0.039	100	0.051	100	0.081	100	0.064	98	0.047	100	0.12	100	0.062	100	0.034	100	0.042	100	0.053	100	0.039	100	0.039	100	0.051	100
DE0007R	arsenic	0.14	99	0.103	100	0.069	100	0.371	100	0.143	100	0.109	100	0.119	93	0.115	100	0.157	100	0.09	100	0.065	100	0.101	100	0.115	100
DE0008R	arsenic	0.077	100	0.102	100	0.083	100	0.24	100	0.098	100	0.127	100	0.049	100	0.032	100	0.047	100	0.087	100	0.064	100	0.049	100	0.069	100
DE0009R	arsenic	0.137	99	0.157	100	0.074	95	0.125	100	0.127	100	0.065	99	0.073	98	0.09	100	0.042	100	0.042	100	0.043	100	0.082	100	0.08	100
DK0005R	arsenic	0.407	98	0.141	100	0.138	100	0.144	100	0.101	100	0.071	100	0.258	100	0.076	100	0.056	100	0.063	100	0.063	100	0.103	100	0.094	100
DK0008R	arsenic	0.314	100	0.319	100	0.319	100	0.318	100	0.146	100	0.125	100	0.144	100	0.08	100	0.19	100	0.191	100	0.073	100	0.217	100	0.159	100
DK0022R	arsenic	0.33	100	0.272	100	0.156	100	0.24	100	0.136	100	0.069	100	0.077	100	0.049	100	0.057	100	0.065	100	0.066	100	0.069	100	0.091	100
DK0031R	arsenic	0.178	100	0.145	100	0.048	100	0.058	100	0.112	100	0.053	100	0.123	100	0.061	100	0.062	100	0.063	100	0.034	100	0.038	100	0.077	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	0.148	100	0.148	100	0.131	100	0.15	100	0.117	100	0.045	100	0.144	100	0.033	100	0.039	100	0.06	100	0.056	100	0.123	100	0.092	100
ES0009R	arsenic	0.037	100	0.062	100	0.196	100	0.133	100	0.151	100	0.028	100	0.214	100	0.591	78	0.055	100	0.049	100	0.032	100	0.04	100	0.076	100
FI0008R	arsenic	0.052	100	0.062	100	0.279	100	0.075	100	0.095	100	0.043	100	0.057	100	0.096	100	0.041	100	0.011	100	0.045	100	0.047	100	0.055	100
FI0017R	arsenic	0.193	100	0.222	100	0.187	100	0.316	100	0.085	100	0.063	100	0.148	100	0.099	100	0.049	100	0.131	100	0.122	100	0.337	100	0.138	100
FI0022R	arsenic	0.109	100	0.046	100	0.163	100	0.234	100	0.063	100	0.074	100	0.118	100	0.308	100	0.035	100	0.054	100	0.098	100	0.058	100	0.12	100
FI0036R	arsenic	0.044	100	0.05	100	0.023	100	0.069	100	0.142	100	0.04	100	0.04	100	0.068	100	0.037	100	0.036	100	0.038	100	0.062	100	0.051	100
FI0053R	arsenic	0.21	100	0.061	100	0.086	100	0.155	100	0.086	100	0.05	100	0.081	100	0.068	100	0.032	100	0.056	100	0.063	100	0.139	100	0.075	100
FI0092R	arsenic	0.08	100	0.12	100	0.062	100	0.227	100	0.081	100	0.015	100	0.079	100	0.07	100	0.071	100	0.063	100	0.023	100	0.102	100	0.067	100
FI0093R	arsenic	0.098	100	0.055	100	0.088	100	0.358	100	0.071	100	0.078	100	0.106	100	0.068	100	0.049	100	0.072	100	0.043	100	0.069	100	0.08	100
FR0090R	arsenic	0.070	100	0.130	100	0.110	100	0.420	100	0.210	100	0.240	100	0.090	100	0.080	100	0.160	100	0.220	100	0.330	100	0.060	100	0.175	100
GB0013R	arsenic	0.066	100	0.075	100	0.080	100	0.095	100	0.161	88	0.067	100	0.070	100	0.070	100	0.049	100	0.066	100	0.079	100	0.096	100	0.074	100
GB0017R	arsenic	0.169	54	0.133	100	0.12	100	0.134	46	-	-	-	-	0.122	99	0.073	88	0.113	13	0.117	100	0.143	100	0.132	100	0.122	76
GB0048R	arsenic	0.083	100	0.158	98	0.054	99	0.142	92	0.159	92	0.121	99	0.044	100	0.066	100	0.058	100	0.053	100	0.084	100	0.08	100	0.078	99
GB0091R	arsenic	0.157	100	0.132	100	0.103	8	0.147	75	0.132	77	0.125	100	0.068	76	0.089	100	0.128	100	0.132	96	0.146	100	0.131	100	0.125	89
IE0001R	arsenic	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.255	100	0.25	100	0.25	100	0.25	100	0.25	100	0.25	100	0.25	100	0.346	100
IS0090R	arsenic	0.32	100	0.2	100	0.28	100	0.29	100	0.11	100	0.1	100	0.09	100	-0.011	100	0.08	100	0.08	100	-	-	-	-	0.197	100
IS0091R	arsenic	0.02	100	0.03	100	0.06	100	-	-	0.052	100	0.078	100	0.07	100	0.027	100	0.07	100	-	-	-	-	-	-	0.046	99
LV0010R	arsenic	0.4	40	0.1	29	0.4	41	0.36	51	0.1	25	0.33	74	0.4	27	0.4	29	0.4	55	0.4	51	0.1	49	0.1	24	0.31	39
NL0009R	arsenic	0.136	100	0.075	100	0.075	100	0.084	100	0.091	100	0.078	100	0.075	100	0.081	100	0.075	100	0.075	100	0.304	100	0.075	100	0.085	100
NL0091R	arsenic	0.075	100	0.075	100	0.099	100	0.078	100	0.083	100	0.139	100	0.078	100	0.077	100	0.075	100	0.075	100	0.075	100	0.075	100	0.079	100
NO0001R	arsenic	0.351	99	0.06	100	0.05	100	0.087	99	0.092	100	0.117	100	0.252	100	0.069	100	0.126	100	0.297	100	0.105	100	0.206	100	0.177	100
PL0005R	arsenic	0.582	100	0.433	100	0.359	100	0.323	100	0.404	100	0.358	100	0.38	100	0.328	100	0.319	100	0.185	100	0.274	100	0.246	100	0.34	100
PT0002R	arsenic	0.1	100	0.1	100	0.1	100	0.1	100	0.1	100	0.1	100	-	-	-	-	0.1	100	0.1	100	0.1	100	0.1	100	0.1	100
SE0005R	arsenic	-	-	0.05	100	0.073	100	0.25	100	0.11	100	0.052	100	0.05	100	0.05	100	0.05	100	0.05	100	0.05	100	0.05	100	0.071	100
SE0011R	arsenic	0.33	100	0.33	100	0.275	100	0.65	100	0.272	100	0.3	100	-	-	0.21	100	0.17	100	0.21	100	0.11	100	0.18	100	0.222	100

Site	Comp	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		2010	
		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
SE0014R	arsenic	0.18	100	0.23	100	0.21	100	3.96	100	0.238	100	0.582	100	0.22	100	0.174	100	0.261	100	0.19	100	0.13	100	0.15	100	0.29	100
SI0008R	arsenic	0.08	100	0.05	100	0.1	100	0.076	100	0.05	100	0.053	100	0.097	100	0.075	100	0.05	100	0.177	100	0.055	100	0.073	100	0.074	100
SK0002R	arsenic	0.22	100	0.19	100	0.34	100	0.37	100	0.26	100	0.06	100	0.08	100	0.26	100	0.07	100	0.86	100	0.28	100	0.29	100	0.192	100
SK0004R	arsenic	0.11	100	0.16	100	0.23	100	0.14	100	0.23	100	0.06	100	0.09	100	0.13	100	0.06	100	0.23	100	0.06	100	0.08	100	0.124	100
SK0006R	arsenic	0.06	100	0.27	100	0.31	100	0.14	100	0.09	100	0.03	100	0.09	100	0.077	100	0.036	100	0.172	100	0.132	100	0.162	100	0.1	100
SK0007R	arsenic	0.21	100	0.36	100	0.09	100	0.18	100	0.09	100	0.04	100	0.11	100	0.08	100	0.1	100	0.56	100	0.11	100	0.18	100	0.127	100
GB0048R	barium	0.278	100	0.326	98	0.232	99	1.140	92	1.343	92	0.846	99	0.280	100	0.424	100	0.472	100	0.176	100	0.469	100	0.312	100	0.439	99
BE0014R	cadmium	0.048	100	0.035	100	0.018	100	0.064	100	0.061	100	0.022	100	0.017	100	0.015	100	0.015	100	0.021	100	0.059	100	0.05	100	0.03	100
CZ0001R	cadmium	0.014	100	0.562	100	0.073	98	0.097	100	0.025	100	0.037	100	0.018	100	0.026	100	0.036	100	0.13	100	0.062	100	0.089	100	0.048	100
CZ0003R	cadmium	0.045	37	-	-	-	-	0.02	81	0.033	90	0.091	96	0.046	95	0.075	97	0.016	91	-	-	0.187	77	0.027	8	0.063	78
DE0001R	cadmium	0.025	100	0.032	99	0.031	100	0.048	100	0.022	100	0.023	100	0.021	100	0.012	100	0.02	100	0.015	100	0.02	100	0.021	100	0.02	100
DE0002R	cadmium	0.039	100	0.035	100	0.023	100	0.034	97	0.023	100	0.022	97	0.019	100	0.011	100	0.032	100	0.024	100	0.02	100	0.018	100	0.023	100
DE0003R	cadmium	0.011	100	0.013	100	0.021	100	0.02	98	0.015	100	0.029	100	0.021	100	0.011	100	0.017	100	0.022	100	0.017	100	0.011	100	0.016	100
DE0007R	cadmium	0.052	99	0.035	100	0.021	100	0.143	100	0.036	100	0.021	100	0.029	93	0.019	100	0.056	100	0.032	100	0.025	100	0.03	100	0.031	100
DE0008R	cadmium	0.032	100	0.044	100	0.035	100	0.09	100	0.024	100	0.041	100	0.014	100	0.012	100	0.023	100	0.039	100	0.028	100	0.019	100	0.026	100
DE0009R	cadmium	0.037	99	0.056	100	0.026	95	0.05	100	0.039	100	0.032	99	0.018	98	0.055	100	0.017	100	0.015	100	0.014	100	0.024	100	0.033	100
DK0005R	cadmium	0.407	98	0.141	100	0.138	100	0.144	100	0.101	100	0.71	100	0.258	100	0.076	100	0.056	100	0.063	100	0.063	100	0.103	100	0.154	100
DK0008R	cadmium	0.073	100	0.071	100	0.047	100	0.05	100	0.029	100	0.107	100	0.035	100	0.016	100	0.019	100	0.02	100	0.008	100	0.025	100	0.035	100
DK0022R	cadmium	0.119	100	0.051	100	0.034	100	0.057	100	0.027	100	0.076	100	0.02	100	0.01	100	0.01	100	0.013	100	0.007	100	0.016	100	0.023	100
DK0031R	cadmium	0.076	100	0.032	100	0.013	100	0.019	100	0.025	100	0.011	100	0.018	100	0.016	100	0.017	100	0.011	100	0.019	100	0.013	100	0.02	100
EE0009R	cadmium	0.05	100	0.04	100	0.05	100	0.28	100	0.1	100	0.1	100	0.03	100	0.08	100	0.09	100	0.04	100	0.04	100	0.05	100	0.075	100
EE0011R	cadmium	0.04	100	0.06	100	0.07	100	0.2	100	0.01	100	0.09	100	0.05	100	0.04	100	0.07	100	2.1	100	0.07	100	0.06	100	0.211	100
ES0008R	cadmium	0.028	100	0.068	100	0.063	100	0.016	100	0.016	100	0.016	100	0.016	100	0.016	100	0.016	100	0.046	100	0.017	100	0.073	100	0.034	100
ES0009R	cadmium	0.066	100	0.035	100	0.095	100	0.076	100	0.046	100	0.031	100	0.06	100	0.12	78	0.068	100	0.028	100	0.017	100	0.036	100	0.045	100
FI0008R	cadmium	0.113	100	0.013	100	0.029	100	0.061	100	0.161	100	0.019	100	-	-	-	-	-	-	0.101	100	0.016	100	0.008	100	0.066	59
FI0017R	cadmium	0.046	100	0.168	100	0.068	100	0.131	100	0.135	100	0.117	100	-	-	0.07	100	0.158	100	-	-	0.083	100	0.072	100	0.108	88
FI0022R	cadmium	0.029	100	0.016	100	0.023	100	0.064	100	0.23	100	0.074	100	-	-	0.251	100	0.028	100	-	-	0.012	100	0.022	100	0.097	83
FI0036R	cadmium	0.03	100	0.017	100	0.005	100	0.034	100	-	-	0.037	100	0.03	100	-	-	0.191	100	-	-	0.01	100	0.011	100	0.05	70
FI0053R	cadmium	0.066	100	0.031	100	0.076	100	0.063	100	-	-	0.036	100	-	-	0.047	100	-	-	0.13	100	0.083	100	0.033	100	0.062	63
FI0092R	cadmium	0.026	100	0.043	100	0.041	100	0.072	100	0.115	100	0.029	100	0.065	100	0.116	100	-	-	0.271	100	0.014	100	0.035	100	0.08	83
FI0093R	cadmium	0.03	100	0.024	100	0.044	100	0.137	100	0.049	100	-	-	0.251	100	-	-	0.041	100	-	-	0.052	100	0.024	100	0.054	72
FR0090R	cadmium	0.013	100	0.014	100	0.036	100	0.05	100	0.045	100	0.031	100	0.054	100	0.031	100	0.04	100	0.022	100	0.02	100	0.022	100	0.027	100
GB0013R	cadmium	0.008	100	0.009	100	0.01	100	0.013	100	0.022	88	0.006	100	0.002	100	0.003	100	0.004	100	0.004	100	0.007	100	0.006	100	0.007	100
GB0017R	cadmium	0.03	54	0.033	100	0.032	100	0.028	46	-	-	-	-	0.018	99	0.008	88	0.01	13	0.012	100	0.017	100	0.011	100	0.018	76
GB0048R	cadmium	0.013	100	0.027	98	0.007	99	0.017	92	0.025	92	0.021	99	0.005	100	0.004	100	0.005	100	0.004	100	0.007	100	0.005	100	0.009	99
GB0091R	cadmium	0.025	100	0.022	100	0.001	8	0.018	75	0.019	77	0.022	100	0.006	76	0.002	100	0.014	100	0.006	96	0.016	100	0.007	100	0.014	89
HU0002R	cadmium	0.016	100	0.123	100	0.174	100	0.012	100	0.032	100	0.020	100	0.041	100	0.087	100	0.011	100	0.063	100	0.060	100	0.013	100	0.039	100
IE0001R	cadmium	0.05	100	0.05	100	0.05	100	0.194	100	0.106	100	0.59	100	0.061	100	0.05	100	0.05	100	0.05	100	0.05	100	0.05	100	0.102	100
IS0090R	cadmium	0.02	100	0.02	100	0.01	100	0.03	100	0.03	100	0.02	100	0.01	100	-0.003	100	0.01	100	0.01	100	-	-	-	-	0.015	100
IS0091R	cadmium	0.005	100	0.005	100	0.005	100	-	-	0.021	100	0.028	100	0.02	100	0.02	100	0.03	100	-	-	-	-	-	-	0.023	99
LV0010R	cadmium	0.54	40	0.03	29	0.02	41	0.09	51	0.03	25	0.1	74	0.05	27	0.28	29	0.02	55	0.03	51	0.12	49	0.14	24	0.096	39
NL0009R	cadmium	0.019	100	0.017	100	0.017	100	0.02	100	0.017	100	0.018	100	0.021	100	0.022	100	0.02	100	0.021	100	0.041	100	0.017	100	0.02	100
NL0091R	cadmium	0.017	100	0.017	100	0.023	100	0.03	100	0.051	100	0.04	100	0.02	100	0.025	100	0.019	100	0.017	100	0.021	100	0.033	100	0.024	100
NO0001R	cadmium	0.105	99	0.006	100	0.003	100	0.011	99	0.037	100	0.016	100	0.022	100	0.016	100	0.01	100	0.087	100	0.006	100	0.049	100	0.039	100
NO0039R	cadmium	0.013	100	0.008	100	0.01	99	0.004	100	0.013	100	0.009	100	0.007	100	0.006	100	0.011	100	0.006	80	0.003	100	0.008	100	0.009	98
NO0056R	cadmium	0.08	99	0.049	100	0.003	100	0.003	100	0.071	99	0.017	100	0.019	100	0.025	100	0.006	100	0.09	100	0.016	100	0.021	100	0.03	100
PL0004R	cadmium	0.079	100	0.061	100	0.043	100	0.125	100	0.043	100	0.055	100	0.047	100	0.024	100	0.035	100	0.028	100	0.05	100	0.06	100	0.044	100
PL0005R	cadmium	0.082	100	0.062	100	0.056	100	0.05	100	0.04	100	0.062	100	0.047	100	0.036	100	0.048	100	0.058	100	0.049	100	0.026	100	0.047	100
PT0002R	cadmium	0.1	100	0.1	100	0.1	100	0.1	100	0.1	100	0.1	100	-	-	-	-	0.1	100	0.1	100	0.1	100	0.1	100	0.1	100
SE0005R	cadmium	-	-	0.03	100	0.022	100	0.134	100	0.04	100	0.021	100	0.02	100	0.02	100	0.01	100	0.02	100	0.02	100	0.01	100	0.028	100
SE0011R	cadmium	0.07	100	0.07	100	0.163	100	0.405	100	0.164	100	0.07	100	-	-	0.04	100	0.03	100	0.27	100	0.02	100	0.05	100	0.104	100
SE0014R	cadmium	0.06	100	0.06	100	0.05	100	1.34	100	0.334	100	0.146	100	0.02	100	0.049	100	0.043	100	0.09	100	0.01	100	0.04	100	0.09	100
SI0008R	cadmium	0.021	100	0.02	100	0.048	100	0.018	100	0.016	100	0.016	100	0.024	100	0.029	100	0.01	100	0.028	100	0.015	100	0.014	100	0.02	100
SK0002R	cadmium	0.1	100	0.13	100	0.17	100	0.15	100	0.07	100	0.06	100	0.04	100	0.04	100	0.04	100	0.18	100	0.07	100	0.08	100	0.069	100

SK0004R	cadmium	0.46	100	0.16	100	0.51	100	0.1	100	0.08	100	0.06	100	0.05	100	0.06	100	0.06	100	0.08	100	0.11	100	0.12	100	0.095	100
SK0006R	cadmium	0.06	100	0.08	100	0.09	100	0.07	100	0.02	100	0.06	100	0.04	100	0.036	100	0.034	100	0.064	100	0.052	100	0.055	100	0.046	100
SK0007R	cadmium	0.05	100	0.03	100	0.04	100	0.04	100	0.02	100	0.04	100	0.03	100	0.02	100	0.07	100	0.18	100	0.04	100	0.04	100	0.039	100
BE0014R	chromium	0.575	100	0.647	100	0.474	100	0.398	100	0.321	100	0.227	100	0.286	100	0.377	100	0.349	100	0.264	100	0.64	100	0.752	100	0.428	100
DE0001R	chromium	0.241	100	0.154	99	0.224	100	0.211	100	0.196	100	0.165	100	0.143	100	0.142	100	0.139	100	0.188	100	0.168	100	0.205	100	0.166	100
DE0002R	chromium	0.106	100	0.121	100	0.143	100	0.19	97	0.071	80	0.126	97	0.166	100	0.044	100	0.076	100	0.088	100	0.074	100	0.091	100	0.089	97
DE0003R	chromium	0.06	100	0.157	100	0.197	100	0.114	98	0.049	100	0.108	100	0.076	100	0.079	100	0.079	100	0.042	100	0.038	100	0.034	100	0.077	100
DE0007R	chromium	0.137	99	0.098	100	0.081	100	0.267	100	0.065	100	0.095	100	0.119	93	0.092	100	0.101	100	0.089	100	0.053	100	0.066	100	0.087	100
DE0008R	chromium	0.169	96	0.230	100	0.279	100	0.370	100	0.128	100	0.649	100	0.168	100	0.069	100	0.056	100	0.141	100	0.113	100	0.109	100	0.150	100
DE0009R	chromium	0.102	99	0.625	100	0.154	95	0.201	100	0.289	100	0.136	99	0.189	98	0.13	100	0.071	100	0.109	100	0.079	100	0.243	100	0.163	100
DK0005R	chromium	5.707	98	1.278	100	3.654	100	4.021	100	0.141	100	0.371	100	0.828	100	0.69	100	0.249	100	1.102	100	1.102	100	1.792	100	1.034	100
DK0008R	chromium	0.471	100	0.455	100	0.297	100	0.523	100	0.327	100	0.11	100	0.195	100	0.083	100	0.22	100	0.126	100	0.048	100	0.189	100	0.186	100
DK0022R	chromium	0.276	100	0.15	100	0.156	100	2.554	100	0.125	100	0.092	100	0.12	100	0.044	100	0.075	100	0.077	100	0.048	100	0.046	100	0.18	100
DK0031R	chromium	0.086	100	0.055	100	0.081	100	0.151	100	0.173	100	0.13	100	0.21	100	0.071	100	0.098	100	0.066	100	0.062	100	0.031	100	0.099	100
ES0008R	chromium	0.197	100	0.425	100	1.28	100	1.83	100	1.037	100	0.665	100	1.438	100	4.706	100	1.126	100	0.901	100	1.832	100	0.781	100	1.133	100
ES0009R	chromium	0.643	100	5.195	100	1.439	100	1.529	100	2.411	100	0.662	100	1.148	100	3.057	78	0.587	100	0.814	100	3.816	100	1.822	100	2.047	100
FI0008R	chromium	0.05	100	0.05	100	0.23	100	0.09	100	0.09	100	0.06	100	0.04	100	0.06	100	0.04	100	0.03	100	0.11	100	0.07	100	0.055	100
FI0017R	chromium	0.12	100	0.13	100	0.11	100	0.29	100	0.1	100	0.09	100	0.27	100	0.1	100	0.06	100	0.08	100	0.09	100	0.26	100	0.12	100
FI0022R	chromium	0.09	100	0.05	100	0.15	100	0.17	100	0.1	100	0.09	100	0.14	100	0.17	100	0.03	100	0.06	100	0.08	100	0.05	100	0.102	100
FI0036R	chromium	0.05	100	0.05	100	0.07	100	0.12	100	0.11	100	0.06	100	0.06	100	0.05	100	0.03	100	0.01	100	0.05	100	0.06	100	0.055	100
FI0053R	chromium	0.3	100	0.09	100	0.07	100	0.25	100	0.13	100	0.17	100	0.11	100	0.09	100	0.04	100	0.09	100	0.13	100	0.5	100	0.123	100
FI0092R	chromium	0.09	100	0.07	100	0.08	100	0.23	100	0.08	100	0.04	100	0.23	100	0.08	100	0.04	100	0.04	100	0.03	100	0.25	100	0.072	100
FI0093R	chromium	0.06	100	0.04	100	0.06	100	0.27	100	0.06	100	0.09	100	0.2	100	0.06	100	0.04	100	0.03	100	0.04	100	0.05	100	0.066	100
FR0090R	chromium	0.12	100	0.08	100	0.07	100	0.28	100	0.1	100	0.38	100	0.07	100	0.11	100	0.04	100	0.06	100	0.07	100	0.1	100	0.097	100
GB0013R	chromium	0.03	100	0.023	100	0.02	100	0.037	100	0.077	88	0.031	100	0.025	100	0.052	100	0.024	100	0.028	100	0.021	100	0.042	100	0.03	100
GB0017R	chromium	0.076	54	0.042	100	0.049	100	0.09	46	–	–	–	–	0.157	99	0.026	88	0.02	13	0.02	100	0.045	100	0.056	100	0.056	76
GB0048R	chromium	0.06	100	0.03	98	0.023	99	0.081	92	0.081	92	0.066	99	0.041	100	0.102	100	0.026	100	0.022	100	0.023	100	0.069	100	0.043	99
GB0091R	chromium	0.041	100	0.029	100	0.054	8	0.099	75	0.033	77	0.035	100	0.022	76	0.064	100	0.02	100	0.023	96	0.04	100	0.02	100	0.035	89
IE0001R	chromium	0.5	100	0.5	100	0.5	100	0.5	100	0.5	100	0.255	100	0.25	100	0.25	100	0.25	100	0.25	100	0.25	100	0.25	100	0.346	100
IS0090R	chromium	0.33	100	0.36	100	1.451	100	0.72	100	0.62	100	0.75	100	0.77	100	0.149	100	0.34	100	0.34	100	–	–	–	–	0.578	100
IS0091R	chromium	0.13	100	0.05	100	0.54	100	–	–	0.424	100	0.761	100	0.39	100	0.053	100	0.11	100	–	–	–	–	–	–	0.11	99
NL0009R	chromium	0.26	100	0.26	100	0.26	100	0.263	100	0.26	100	0.26	100	0.33	100	0.26	100	0.26	100	0.26	100	0.26	100	0.26	100	0.267	100
NL0091R	chromium	0.26	100	0.26	100	0.26	100	0.26	100	0.26	100	0.26	100	0.26	100	0.26	100	0.26	100	0.26	100	0.26	100	0.26	100	0.26	100
NO0001R	chromium	0.152	99	0.1	100	0.1	100	0.125	99	0.162	100	0.168	100	0.252	100	0.178	100	0.13	100	0.102	100	0.1	100	0.102	100	0.13	100
PL0004R	chromium	0.587	100	0.367	100	0.299	100	0.071	100	0.11	100	0.19	100	0.096	100	0.087	100	0.241	100	0.064	100	0.048	100	0.393	100	0.169	100
PL0005R	chromium	0.152	100	0.121	100	0.07	100	0.093	100	0.059	100	0.1	100	0.06	100	0.078	100	0.03	100	0.159	100	0.074	100	0.039	100	0.077	100
PT0002R	chromium	0.1	100	0.1	100	0.1	100	0.1	100	0.1	100	0.1	100	–	–	–	–	0.1	100	0.4	100	0.215	100	0.224	100	0.181	100
SE0005R	chromium	–	–	0.23	100	0.304	100	0.526	100	0.25	100	0.197	100	0.068	100	0.05	100	0.069	100	0.05	100	0.05	100	0.05	100	0.157	100
SE0011R	chromium	0.500	100	0.500	100	0.289	100	0.929	100	0.075	100	0.150	100	–	–	0.260	100	0.240	100	0.100	100	0.050	100	0.180	100	0.195	100
SE0014R	chromium	5.680	100	0.980	100	0.940	100	0.480	100	0.568	100	0.359	100	0.430	100	0.205	100	0.464	100	0.140	100	0.140	100	0.310	100	0.495	100
SI0008R	chromium	0.153	100	0.15	100	0.152	100	0.155	100	0.15	100	0.15	100	0.15	100	0.152	100	0.15	100	0.15	100	0.15	100	0.151	100	0.151	100
SK0002R	chromium	0.16	100	0.29	100	0.34	100	0.26	100	0.18	100	0.22	100	0.07	100	0.16	100	0.04	100	0.43	100	0.18	100	0.12	100	0.16	100
SK0004R	chromium	0.13	100	0.08	100	0.18	100	0.13	100	0.1	100	0.11	100	0.04	100	0.09	100	0.04	100	0.04	100	0.02	100	0.04	100	0.076	100
SK0006R	chromium	0.1	100	0.15	100	0.18	100	0.11	100	0.07	100	0.09	100	0.02	100	0.093	100	0.103	100	0.118	100	0.063	100	0.143	100	0.088	100
SK0007R	chromium	0.13	100	0.14	100	0.21	100	0.09	100	0.72	100	0.09	100	0.12	100	0.08	100	0.08	100	0.12	100	0.02	100	0.14	100	0.216	100
DE0001R	cobalt	0.014	100	0.01	99	0.02	100	0.036	100	0.026	100	0.021	100	0.037	100	0.008	100	0.01	100	0.014	100	0.014	100	0.019	100	0.018	100
DE0002R	cobalt	0.014	100	0.011	100	0.017	100	0.039	97	0.02	100	0.048	97	0.061	100	0.007	100	0.012	100	0.013	100	0.011	100	0.02	100	0.018	100
DE0003R	cobalt	0.006	100	0.01	100	0.039	100	0.019	98	0.012	100	0.032	100	0.031	100	0.01	100	0.011	100	0.009	100	0.006	100	0.005	100	0.014	100
DE0007R	cobalt	0.021	99	0.01	100	0.014	100	0.074	100	0.019	100	0.026	100	0.035	93	0.021	100	0.024	100	0.017	100	0.01	100	0.012	100	0.019	100
DE0008R	cobalt	0.014	100	0.017	100	0.022	100	0.044	100	0.019	100	0.067	100	0.032	100	0.006	100	0.01	100	0.011	100	0.008	100	0.009	100	0.017	100
DE0009R	cobalt	0.013	99	0.013	100	0.018	95	0.031	100	0.014	100	0.027	99	0.03	98	0.014	100	0.009	100	0.008	100	0.006	100	0.011	100	0.013	100
FI0008R	cobalt	0.018	100	0.016	100	0.123	100	0.105	100	0.022	100	0.009	100	0.019	100	0.011	100	0.009	100	0.002	100	0.011	100	0.015	100	0.017	100
FI0017R	cobalt	0.036	100	0.028	100	0.026	100	0.094	100	0.031	100	0.03	100	0.086	100	0.04	100	0.008	100	0.017	100	0.026	100	0.05	100	0.034	100
FI0022R	cobalt	0.011	100	0.007	100	0.009	100	0.032	100	0.012	100	0.02	100	0.034	100	0.025	100	0.002	100	0.011	100	0.013	100	0.005	100	0.016	100
FI0036R	cobalt	0.011	100	0.006	100	0.007	100	0.018	100	0.048	100	0.016	100	0.014	100	0.008	100	0.008	100	0.003	100	0.005	100	0.009	100	0.012	100
FI0053R	cobalt	0.077	100	0.028	100	0.035	100	0.051	100	0.032	100	0.036	100	0.069	100	0.03	100	0.019	100	0.056	100	0.087	100	0.155	100	0.047	100

Site	Comp	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		2010	
		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
FI0092R	cobalt	0.008	100	0.009	100	0.01	100	0.044	100	0.02	100	0.004	100	0.055	100	0.022	100	0.007	100	0.005	100	0.004	100	0.014	100	0.012	100
FI0093R	cobalt	0.010	100	0.008	100	0.014	100	0.078	100	0.021	100	0.023	100	0.069	100	0.015	100	0.007	100	0.008	100	0.015	100	0.009	100	0.018	100
GB0048R	cobalt	0.01	100	0.01	98	0.005	99	0.033	92	0.038	92	0.024	99	0.007	100	0.011	100	0.009	100	0.005	100	0.005	100	0.005	100	0.01	99
NO0001R	cobalt	0.017	99	0.005	100	0.005	100	0.016	99	0.061	100	0.039	100	0.045	100	0.01	100	0.008	100	0.02	100	0.005	100	0.012	100	0.017	100
SE0005R	cobalt	-	-	0.02	100	0.03	100	0.039	100	0.02	100	0.011	100	0.019	100	0.01	100	0.01	100	0.02	100	0.02	100	0.01	100	0.017	100
SE0011R	cobalt	0.03	100	0.03	100	0.142	100	0.284	100	0.039	100	0.02	100	-	-	0.01	100	0.03	100	0.08	100	0.01	100	0.02	100	0.042	100
SE0014R	cobalt	0.04	100	0.02	100	0.03	100	0.52	100	0.058	100	0.026	100	0.01	100	0.02	100	0.022	100	0.03	100	0.02	100	0.02	100	0.031	100
BE0014R	copper	3.78	100	3.35	100	1.56	100	1.64	100	4.59	100	4.31	100	5.25	100	4.55	100	4.38	100	4.48	100	7.96	100	8.05	100	4.71	100
DE0002R	copper	0.66	100	0.88	100	0.76	100	1.51	97	1.32	100	1.55	97	2.06	100	0.53	100	0.58	100	0.64	100	0.66	100	0.55	100	0.85	100
DE0003R	copper	0.76	100	0.81	100	2.26	100	4.51	98	0.57	100	1.47	100	1.22	100	1.15	100	1.17	100	0.51	100	0.64	100	0.34	100	1.09	100
DE0007R	copper	1.01	99	0.80	100	0.75	100	4.35	100	1.09	100	1.26	100	2.32	93	1.85	100	1.24	100	0.90	100	0.66	100	1.26	100	1.32	100
DE0008R	copper	1.56	100	2.59	100	1.94	100	1.48	100	0.82	100	2.24	95	1.25	100	0.68	100	0.98	100	2.11	100	0.81	100	0.52	100	1.15	100
DK0005R	copper	9.58	98	1.94	100	1.36	100	1.34	100	1.10	100	1.18	100	5.23	100	1.63	100	1.07	100	1.21	100	1.21	100	0.95	100	1.49	100
DK0008R	copper	5.49	100	1.75	100	1.24	100	2.09	100	1.14	100	0.98	100	0.96	100	0.43	100	0.70	100	0.57	100	0.26	100	0.56	100	0.84	100
DK0022R	copper	0.52	100	0.70	100	1.10	100	1.67	100	0.69	100	4.94	100	0.89	100	0.31	100	0.39	100	0.41	100	0.41	100	0.30	100	0.83	100
DK0031R	copper	0.47	100	0.86	100	0.55	100	1.71	100	0.76	100	0.51	100	0.94	100	0.40	100	0.45	100	0.38	100	0.24	100	0.18	100	0.56	100
EE0009R	copper	6.12	100	0.50	100	1.98	100	8.98	100	18.00	100	14.40	100	28.70	100	6.07	100	1.60	100	0.50	100	7.53	100	0.50	100	8.01	100
EE0011R	copper	1.69	100	0.50	100	0.50	100	3.80	100	12.10	100	30.90	100	0.50	100	0.50	100	1.60	100	1.40	100	0.50	100	0.50	100	4.16	100
ES0008R	copper	4.20	100	7.29	100	17.77	100	28.31	100	6.30	100	7.79	100	11.78	100	18.79	100	13.60	100	26.86	100	11.51	100	18.33	100	13.41	100
ES0009R	copper	11.88	100	10.66	100	9.88	100	15.07	100	20.87	100	4.77	100	13.86	100	15.66	78	10.07	100	15.79	100	7.99	100	17.81	100	12.44	100
FI0008R	copper	2.37	100	1.57	100	21.70	100	2.68	100	1.19	100	0.75	100	1.07	100	1.00	100	1.36	100	0.38	100	1.12	100	1.52	100	1.19	100
FI0017R	copper	1.15	100	3.53	100	1.97	100	2.83	100	1.33	100	0.88	100	2.27	100	1.45	100	0.60	100	0.69	100	0.98	100	1.48	100	1.43	100
FI0022R	copper	8.42	100	0.40	100	0.90	100	1.84	100	0.51	100	1.91	100	0.98	100	1.53	100	0.39	100	1.02	100	3.45	100	0.79	100	1.33	100
FI0036R	copper	2.04	100	0.78	100	0.72	100	1.56	100	3.05	100	0.67	100	1.11	100	0.65	100	0.75	100	0.53	100	1.05	100	2.48	100	1.09	100
FI0053R	copper	2.48	100	1.99	100	0.76	100	1.68	100	1.28	100	1.31	100	0.96	100	0.49	100	0.67	100	0.72	100	1.26	100	-	-	1.05	97
FI0092R	copper	1.30	100	0.70	100	1.97	100	1.36	100	0.73	100	0.74	100	1.60	100	1.04	100	0.61	100	0.62	100	0.53	100	1.57	100	0.89	100
FI0093R	copper	1.76	100	1.05	100	1.12	100	2.09	100	0.79	100	0.64	100	1.73	100	0.75	100	0.96	100	0.54	100	0.40	100	0.56	100	0.88	100
FR0090R	copper	0.13	100	0.08	100	0.07	100	0.28	100	0.10	100	0.38	100	0.07	100	0.11	100	0.04	100	0.06	100	0.07	100	0.10	100	0.10	100
GB0013R	copper	0.17	100	0.26	100	0.26	100	0.37	100	1.06	88	0.36	100	0.23	100	0.21	100	0.71	100	0.90	100	0.18	100	0.28	100	0.38	100
GB0017R	copper	0.67	54	0.71	100	1.06	100	1.51	46	-	-	-	-	1.23	99	0.53	88	0.37	13	0.45	100	0.56	100	0.34	100	0.67	76
GB0048R	copper	0.42	100	0.47	98	0.25	99	0.51	92	0.68	92	0.66	99	0.22	100	0.33	100	0.27	100	0.23	100	0.37	100	0.32	100	0.35	99
GB0091R	copper	0.24	100	0.37	100	0.21	8	0.36	75	0.51	77	0.40	100	0.50	76	0.27	100	0.29	100	0.20	96	0.30	100	0.17	100	0.33	89
IE0001R	copper	2.00	100	0.50	100	1.97	100	0.56	100	2.85	100	2.02	100	1.02	100	8.84	100	3.06	100	14.62	100	1.36	100	4.79	100	3.46	100
IS0090R	copper	2.80	100	8.70	100	5.21	100	4.87	100	3.84	100	5.00	100	5.86	100	1.88	100	5.34	100	5.34	100	-	-	-	-	4.30	100
IS0091R	copper	1.39	100	1.04	100	1.77	100	-	-	3.07	100	4.63	100	1.65	100	0.50	100	0.75	100	-	-	-	-	-	-	0.79	99
NL0009R	copper	3.25	100	1.15	100	0.77	100	0.73	100	0.60	100	1.36	100	0.94	100	0.30	100	0.55	100	0.38	100	1.17	100	0.26	100	0.73	100
NL0091R	copper	1.20	100	0.94	100	1.43	100	1.22	100	1.76	100	2.36	100	0.94	100	0.32	100	0.32	100	0.75	100	0.63	99	0.60	100	0.77	100
NO0001R	copper	0.64	99	0.08	100	0.05	100	0.34	99	1.18	100	0.79	100	1.25	100	0.45	100	0.30	100	0.75	100	0.26	100	0.35	100	0.54	100
PL0004R	copper	1.82	100	1.15	100	1.98	100	1.17	100	1.22	100	3.58	100	0.68	100	0.64	100	0.85	100	1.10	100	0.87	100	3.20	100	1.25	100
PL0005R	copper	9.22	100	3.39	100	1.63	100	1.67	100	0.51	100	1.23	100	0.95	100	0.74	100	0.37	100	0.82	100	0.74	100	0.59	100	1.00	100
PT0002R	copper	0.50	100	0.50	100	0.50	100	1.61	100	0.50	100	0.50	100	-	-	-	-	3.20	100	0.54	100	0.50	100	1.71	100	0.77	100
SE0005R	copper	-	-	0.30	100	0.64	100	1.19	100	0.46	100	0.89	100	0.38	100	0.14	100	0.27	100	0.42	100	2.56	100	0.11	100	0.53	100
SE0011R	copper	1.74	100	1.74	100	1.72	100	7.68	100	4.50	100	1.10	100	-	-	0.44	100	1.38	100	1.67	100	0.64	100	0.60	100	1.44	100
SE0014R	copper	0.93	100	0.90	100	0.93	100	20.93	100	5.42	100	1.90	100	0.55	100	0.90	100	1.87	100	1.05	100	2.19	100	5.28	100	1.92	100
SI0008R	copper	0.16	100	0.19	100	0.35	100	0.45	100	0.58	100	0.97	100	1.05	100	0.43	100	0.25	100	0.72	100	0.20	100	0.22	100	0.44	100
SK0002R	copper	9.09	100	0.81	100	1.43	100	1.37	100	0.55	100	0.55	100	0.43	100	0.71	100	0.38	100	2.37	100	0.69	100	0.61	100	0.94	100
SK0004R	copper	10.04	100	3.07	100	1.71	100	0.94	100	0.95	100	0.43	100	0.82	100	0.56	100	0.76	100	1.21	100	1.98	100	0.53	100	1.23	100
SK0006R	copper	0.63	100	0.79	100	1.16	100	0.75	100	0.45	100	1.67	100	0.56	100	0.46	100	1.22	100	1.17	100	1.14	100	1.62	100	0.93	100
SK0007R	copper	0.65	100	0.65	100	1.11	100	0.47	100	0.56	100	0.38	100	0.92	100	0.60	100	1.09	100	1.09	100	0.32	100	0.74	100	0.63	100
BE0014R	iron	27	100	26	100	21	100	5	100	8	100	18	100	15	100	7	100	10	100	7	100	10	100	17	100	13	100
DE0001R	iron	7	100	6	99	12	100	35	100	23	100	19	100	16	100	7	100	8	100	9	100	7	100	10	100	11	100
DE0002R	iron	16	100	13	100	21	100	49	97	18	100	32	97	41	100	6	100	6	100	9	100	6	100	6	100	14	100
DE0003R	iron	2	100	7	100	33	100	15	98	7	100	25	100	15	100	7	100	6	100	4	100	4	100	3	100	9	100
DE0007R	iron	17	99	7	100	9	100	39	100	11	100	20	100	26	93	28	100	13	100	14	100	7	100	8	100	17	100

Site	Comp	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		2010	
		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
DE0008R	iron	5	100	9	100	15	100	19	100	14	100	53	100	22	100	4	100	7	100	8	100	6	100	3	100	11	100
DE0009R	iron	8	99	16	100	12	95	24	100	14	100	19	99	24	98	11	100	4	100	6	100	4	100	12	100	10	100
FI0008R	iron	6	100	11	100	27	100	38	100	14	100	7	100	7	100	9	100	11	100	2	100	9	100	15	100	9	100
FI0017R	iron	79	100	32	100	45	100	287	100	36	100	79	100	98	100	35	100	10	100	28	100	97	100	99	100	64	100
FI0022R	iron	9	100	7	100	11	100	39	100	19	100	11	100	29	100	16	100	4	100	7	100	7	100	8	100	14	100
FI0036R	iron	8	100	4	100	17	100	23	100	46	100	15	100	11	100	6	100	7	100	2	100	6	100	12	100	12	100
FI0053R	iron	60	100	15	100	11	100	40	100	36	100	64	100	28	100	16	100	7	100	11	100	18	100	41	100	24	100
FI0092R	iron	9	100	10	100	14	100	58	100	16	100	4	100	69	100	30	100	7	100	7	100	4	100	11	100	14	100
FI0093R	iron	10	100	9	100	14	100	119	100	16	100	18	100	54	100	15	100	8	100	6	100	14	100	11	100	18	100
IS0090R	iron	77	100	353	100	131	100	179	100	66	100	461	100	629	100	61	100	255	100	255	100	–	–	–	–	169	100
IS0091R	iron	172	100	29	100	250	100	–	–	186	100	400	100	410	100	13	100	71	100	–	–	–	–	–	–	63	99
BE0014R	lead	1.181	100	1.104	100	0.482	100	0.647	100	0.99	100	1.069	100	0.672	100	0	100	1.26	100	0.637	100	1.171	100	1.88	100	0.919	100
CZ0001R	lead	1.243	100	6.823	100	0.585	98	2.717	100	1.179	100	0.46	100	0.734	100	0.412	100	0.998	100	2.589	100	1.922	100	2.431	100	1.209	100
CZ0003R	lead	–	–	–	–	–	–	0.299	81	0.494	90	0.455	96	0.884	95	0.302	97	0.322	91	–	–	0.25	90	0.302	37	0.421	78
DE0001R	lead	0.628	100	0.534	99	0.794	100	1.186	100	0.659	100	0.907	100	0.826	100	0.36	100	0.518	100	0.476	100	0.66	100	0.698	100	0.612	100
DE0002R	lead	1.027	100	0.947	100	0.532	100	1.159	97	0.747	100	0.823	97	0.805	100	0.285	100	0.59	100	0.322	100	0.709	100	0.585	100	0.639	100
DE0003R	lead	0.385	100	0.374	100	0.889	100	0.452	98	0.538	100	0.975	100	0.625	100	0.462	100	0.574	100	0.378	100	0.515	100	0.489	100	0.54	100
DE0007R	lead	1.149	99	0.89	100	0.448	100	1.75	100	0.924	100	0.858	100	0.858	93	1.948	100	1.063	100	0.98	100	0.842	100	0.808	100	1.169	100
DE0008R	lead	1.078	100	1.002	100	0.904	100	1.598	100	0.629	100	1.151	100	0.506	100	0.286	100	0.41	100	0.72	100	0.764	100	0.646	100	0.658	100
DE0009R	lead	1.117	99	1.819	100	0.524	95	1.26	100	1.171	100	0.763	99	0.754	98	1.272	100	0.396	100	0.439	100	0.534	100	0.922	100	0.901	100
DK0005R	lead	25.41	98	3.579	100	14.572	100	16.324	100	0.862	100	1.707	100	3.258	100	2.586	100	0.914	100	4.392	100	4.392	100	6.245	100	4.027	100
DK0008R	lead	2.197	100	1.761	100	1.479	100	2.148	100	0.935	100	0.841	100	0.763	100	0.374	100	0.617	100	0.721	100	0.266	100	0.784	100	0.787	100
DK0022R	lead	2.925	100	1.656	100	0.749	100	1.272	100	0.832	100	0.564	100	0.642	100	0.316	100	0.295	100	0.383	100	0.34	100	0.353	100	0.567	100
DK0031R	lead	0.778	100	0.364	100	0.523	100	0.814	100	0.706	100	0.265	100	0.793	100	0.335	100	0.376	100	0.351	100	0.399	100	0.217	100	0.466	100
EE0009R	lead	1.4	100	0.50	100	0.50	100	1.05	100	0.50	100	0.50	100	0.50	100	0.50	100	0.50	100	0.50	100	0.50	100	0.50	100	0.58	100
EE0011R	lead	0.5	100	1.10	100	1.20	100	0.50	100	0.50	100	0.50	100	0.50	100	0.50	100	0.50	100	18.90	100	0.50	100	0.50	100	1.93	100
ES0008R	lead	0.72	100	1.62	100	1.34	100	3.47	100	1.42	100	0.85	100	1.51	100	1.90	100	1.06	100	1.11	100	1.24	100	1.55	100	1.30	100
ES0009R	lead	0.853	100	0.90	100	2.99	100	1.34	100	4.86	100	0.60	100	2.61	100	5.63	78	1.03	100	0.97	100	1.03	100	2.24	100	1.75	100
FI0008R	lead	0.27	100	0.26	100	0.63	100	0.87	100	0.33	100	0.10	100	0.20	100	0.22	100	0.13	100	0.05	100	0.18	100	0.27	100	0.20	100
FI0017R	lead	1.62	100	2.35	100	1.79	100	2.98	100	0.70	100	0.70	100	0.99	100	0.85	100	0.50	100	1.05	100	2.23	100	2.60	100	1.35	100
FI0022R	lead	1.23	100	0.42	100	0.43	100	1.81	100	0.63	100	0.28	100	0.72	100	0.70	100	0.14	100	0.28	100	0.28	100	0.28	100	0.56	100
FI0036R	lead	0.62	100	0.37	100	0.18	100	0.48	100	0.72	100	0.22	100	0.26	100	0.22	100	0.24	100	0.18	100	0.22	100	0.40	100	0.30	100
FI0053R	lead	2.05	100	0.66	100	0.98	100	1.46	100	0.72	100	0.29	100	0.70	100	0.37	100	0.17	100	0.35	100	0.47	100	0.94	100	0.61	100
FI0092R	lead	0.99	100	1.27	100	0.75	100	2.00	100	0.78	100	0.17	100	0.63	100	0.52	100	0.85	100	0.58	100	0.29	100	0.87	100	0.69	100
FI0093R	lead	0.96	100	0.59	100	0.76	100	3.17	100	0.65	100	0.49	100	0.69	100	0.48	100	0.54	100	0.37	100	0.38	100	0.64	100	0.67	100
FR0090R	lead	0.35	100	0.68	100	1.29	100	5.32	100	0.84	100	0.68	100	0.35	100	0.35	100	0.32	100	0.23	100	0.32	100	0.26	100	0.61	100
GB0013R	lead	0.27	100	0.29	100	0.41	100	0.32	100	1.08	88	0.19	100	0.12	100	0.14	100	0.13	100	0.12	100	0.23	100	0.32	100	0.25	100
GB0017R	lead	1.12	54	0.96	100	0.93	100	1.04	46	–	–	–	–	1.36	99	0.59	88	0.34	13	0.42	100	0.71	100	0.50	100	0.78	76
GB0048R	lead	0.36	100	0.76	98	0.27	99	0.42	92	0.85	92	0.94	99	0.21	100	0.20	100	0.20	100	0.07	100	0.31	100	0.19	100	0.34	99
GB0091R	lead	0.92	100	0.75	100	0.03	8	0.33	75	0.55	77	0.43	100	0.18	76	0.12	100	0.38	100	0.18	96	0.62	100	0.20	100	0.46	89
HU0002R	lead	1.10	100	0.96	100	2.96	100	1.74	100	1.15	100	1.07	100	0.79	100	1.86	100	0.84	100	1.33	100	0.68	100	0.94	100	1.11	100
IE0001R	lead	0.50	100	0.50	100	0.50	100	0.50	100	0.97	100	0.26	100	0.25	100	0.25	100	0.25	100	0.25	100	0.25	100	0.96	100	0.42	100
IS0090R	lead	0.14	100	0.38	100	0.20	100	0.38	100	0.31	100	0.44	100	0.27	100	0.16	100	0.32	100	0.32	100	–	–	–	–	0.24	100
IS0091R	lead	0.39	100	0.22	100	0.26	100	–	–	0.29	100	0.47	100	0.30	100	0.05	100	0.30	100	–	–	–	–	–	–	0.18	99
LV0010R	lead	–	–	–	–	0.20	41	0.30	51	0.30	25	0.67	74	0.20	27	0.80	29	1.20	55	1.40	51	0.70	49	0.76	24	0.83	36
NL0009R	lead	0.58	100	0.30	100	0.32	100	1	100	0.43	100	0.96	100	0.77	100	0.33	100	0.48	100	0.31	100	1.20	100	0.21	100	0.46	100
NL0091R	lead	0.682	100	0.616	100	1.05	100	0.629	100	1.265	100	1.796	100	0.916	100	0.37	100	0.34	100	0.387	100	0.576	100	0.838	100	0.64	100
NO0001R	lead	2.127	99	0.632	100	0.769	100	1.068	99	0.795	100	0.399	100	0.797	100	0.343	100	0.286	100	1.565	100	0.271	100	1.247	100	0.911	100
NO0039R	lead	0.116	100	0.07	100	0.151	99	0.244	100	0.209	100	0.167	100	0.119	100	0.093	100	0.064	100	0.077	80	0.275	100	0.136	100	0.139	98
NO0056R	lead	1.366	99	0.993	100	0.776	100	1.18	100	1.132	99	0.351	100	0.402	100	0.48	100	0.257	100	2.146	100	12.482	100	1.022	100	1.335	100
PL0004R	lead	2.58	100	1.29	100	0.79	100	1.19	100	0.51	100	1.61	100	0.53	100	0.26	100	0.35	100	0.3	100	0.72	100	1.23	100	0.68	100
PL0005R	lead	4.727	100	1.808	100	0.813	100	0.852	100	0.245	100	0.358	100	0.212	100	0.226	100	0.235	100	0.364	100	0.446	100	0.509	100	0.438	100
PT0002R	lead	0.1	100	0.325	100	0.129	100	0.234	100	0.1	100	1.083	100	–	–	–	–	1.1	100	0.114	100	0.1	100	0.327	100	0.228	100
SE0005R	lead	–	–	0.43	100	0.475	100	1.752	100	0.67	100	0.156	100	0.298	100	0.37	100	0.087	100	0.3	100	0.43	100	0.34	100	0.412	100
SE0011R	lead	2.17	100	2.17	100	0.609	100	1.989	100	0.669	100	0.82	100	–	–	0.5	100	0.4	100	0.92	100	0.42	100	0.58	100	0.73	100

Site	Comp	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		2010	
		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
SE0014R	lead	1.27	100	1.14	100	0.8	100	1.49	100	0.577	100	0.351	100	0.54	100	0.506	100	0.333	100	0.57	100	0.33	100	0.91	100	0.574	100
SI0008R	lead	0.281	100	0.27	100	0.675	100	0.344	100	0.397	100	0.454	100	0.518	100	0.268	100	0.355	100	0.828	100	0.211	100	0.355	100	0.395	100
SK0002R	lead	2.17	100	1.7	100	4.32	100	3.93	100	2.64	100	1.04	100	1.04	100	1.57	100	0.66	100	6.26	100	2.11	100	1.65	100	1.859	100
SK0004R	lead	2.53	100	1.44	100	1.94	100	2.24	100	2.07	100	0.54	100	1.09	100	0.89	100	0.53	100	1.59	100	0.86	100	1.04	100	1.273	100
SK0006R	lead	0.73	100	1.82	100	2.32	100	1.74	100	0.77	100	0.44	100	0.61	100	0.686	100	0.62	100	2.756	100	1.447	100	0.937	100	0.946	100
SK0007R	lead	1.24	100	2.03	100	1.59	100	1.23	100	0.86	100	0.61	100	0.78	100	0.85	100	0.86	100	1.78	100	0.6	100	1.3	100	0.955	100
GB0048R	lithium	0.028	100	0.047	98	0.02	99	0.044	92	0.04	92	0.017	99	0.011	100	0.012	100	0.021	100	0.017	100	0.038	100	0.023	100	0.024	99
BE0014R	manganese	3.944	100	5.444	100	4.133	100	7.033	100	5.546	100	3.124	100	3.297	100	2.501	100	4.196	100	2.26	100	6.101	100	4.135	100	3.998	100
CZ0001R	manganese	1.217	100	6.83	100	4.182	98	4.513	100	3.645	100	1.936	100	2.039	100	1.906	100	2.267	100	9.636	100	2.264	100	3.574	100	2.853	100
CZ0003R	manganese	-	-	-	-	-	-	0.532	23	-	-	0.637	30	-	-	0.472	79	0.271	69	-	-	0.15	85	0.833	37	-	-
DE0001R	manganese	0.89	100	0.605	99	1.239	100	3.452	100	2.141	100	2.478	100	3.09	100	0.865	100	1.163	100	1.066	100	1.064	100	0.816	100	1.5	100
DE0002R	manganese	1.979	100	2.096	100	2.487	100	5.493	97	2.085	100	4.055	97	5.203	100	0.835	100	0.852	100	1.541	100	0.795	100	0.824	100	1.739	100
DE0003R	manganese	0.219	100	0.6	100	2.13	100	1.592	98	1.044	100	2.492	100	2.196	100	0.73	100	0.658	100	0.577	100	0.607	100	0.314	100	0.965	100
DE0007R	manganese	3.106	99	1.481	100	1.813	100	20.65	100	2.658	100	4.303	100	4.676	93	1.536	100	2.316	100	2.148	100	0.917	100	1.771	100	2.333	100
DE0008R	manganese	0.665	100	1.191	100	1.509	100	2.712	100	1.658	100	6.754	100	2.231	100	0.549	100	0.763	100	0.844	100	0.771	100	0.458	100	1.256	100
DE0009R	manganese	1.220	99	1.964	100	1.617	95	2.951	100	1.518	100	3.153	99	2.879	98	1.508	100	1.024	100	1.279	100	6.152	100	1.284	100	2.457	100
FI0008R	manganese	0.650	100	0.280	100	1.170	100	9.950	100	1.030	100	0.870	100	1.630	100	2.760	100	2.590	100	0.140	100	0.450	100	0.570	100	1.489	100
FI0017R	manganese	2.24	100	1.62	100	2.13	100	8.65	100	5.02	100	3.41	100	9.31	100	4.23	100	0.64	100	1.4	100	1.84	100	2.74	100	3.241	100
FI0022R	manganese	1.33	100	0.57	100	0.93	100	2.21	100	1.66	100	4.19	100	4.15	100	3.38	100	0.69	100	3.52	100	0.55	100	0.34	100	2.125	100
FI0036R	manganese	0.57	100	0.34	100	1.21	100	1.32	100	3.13	100	3.95	100	3.59	100	1.58	100	1.6	100	0.68	100	0.27	100	0.43	100	2.047	100
FI0053R	manganese	4.74	100	1.42	100	0.97	100	2.48	100	5.16	100	7.54	100	4.33	100	2.25	100	0.7	100	1.66	100	1.97	100	3.41	100	2.836	100
FI0092R	manganese	0.99	100	0.76	100	0.75	100	3.28	100	3.21	100	2.47	100	6.01	100	2.31	100	0.62	100	0.53	100	0.22	100	1.02	100	1.609	100
FI0093R	manganese	0.76	100	0.78	100	1.01	100	6.56	100	4.05	100	4.25	100	10.84	100	2.25	100	0.94	100	3.63	100	1.5	100	1.37	100	2.612	100
GB0048R	manganese	0.703	100	0.494	98	0.361	99	3.289	92	2.571	92	1.893	99	0.732	100	0.981	100	0.953	100	0.386	100	0.344	100	0.337	100	0.858	99
IE0001R	manganese	0.5	100	8	100	3.096	100	3.96	100	22.812	100	11.247	100	3.162	100	7.357	100	4.036	100	0.175	100	0.976	100	1.948	100	4.036	100
IS0090R	manganese	2.5	100	6.9	100	3.728	100	5.92	100	2.32	100	11.88	100	14.43	100	1.74	100	6.8	100	6.8	100	-	-	-	-	4.563	100
IS0091R	manganese	3.4	100	0.4	100	2	100	-	-	4.261	100	12.823	100	9.7	100	0.414	100	1.92	100	-	-	-	-	-	-	1.651	99
SE0005R	manganese	-	-	0.7	100	31.753	100	4.821	100	4.4	100	9.611	100	2.583	100	1.5	100	0.941	100	2.1	100	1.145	100	0.4	100	5.691	100
SE0011R	manganese	1.7	100	1.7	100	3.923	100	73.708	100	19.142	100	3.9	100	-	-	1.9	100	5.3	100	11.3	100	26.1	100	1.2	100	11.004	100
SE0014R	manganese	1.9	100	1.3	100	1.7	100	19.5	100	10.446	100	6.297	100	2.6	100	4.153	100	5.078	100	8.4	100	0.8	100	1.1	100	4.413	100
BE0014R	mercury	5.548	100	5.009	100	6.298	100	10.346	100	14.649	100	11.218	100	15.763	100	10.851	100	10.539	100	4.698	100	7.179	100	5.363	100	9.044	100
DE0001R	mercury	1.216	100	3.015	100	3.469	100	10.014	100	5.29	100	5.527	100	10.988	100	3.005	100	3.115	100	2.035	100	2.028	100	1.879	100	4.352	100
DE0002R	mercury	5.002	100	3.446	100	4.058	100	7.777	100	5.145	100	9.15	100	10.634	100	5.469	100	5.762	100	3.145	100	2.425	100	2.752	100	5.071	100
DE0003R	mercury	2.549	100	5.016	100	5.379	100	3.786	100	4.563	100	7.044	100	9.137	100	6.847	100	7.603	100	3.422	100	2.811	100	2.243	100	5.047	100
DE0008R	mercury	8.28	100	2.809	100	6.612	100	5.631	100	4.456	100	7.02	100	6.641	100	5.477	100	4.399	100	4.9	100	2.93	100	2.834	100	5.053	100
DE0009R	mercury	-	-	5	100	4.56	100	6.488	100	5.575	100	5.9	100	16.889	100	5.187	100	13.19	100	3.09	100	0.976	100	2.39	100	5.757	100
ES0008R	mercury	9.224	100	8.392	100	16.005	68	11.443	94	6.822	100	11.594	98	19.582	83	21.195	87	10.497	100	8.35	100	6.543	100	6.009	100	9.593	98
GB0013R	mercury	2.7	100	3.047	100	3.249	100	3.347	100	10.895	100	4.942	100	3.161	100	5.574	100	5.973	100	3.135	100	2.669	100	2.654	100	3.947	100
GB0017R	mercury	-	-	3.946	100	5.054	100	8.277	100	11.872	100	12.095	100	7.9	100	4.624	100	3.83	100	3.637	100	4.585	100	2.406	100	5.12	100
GB0048R	mercury	3.671	100	3.741	100	2.75	100	2.55	100	8.4	100	4.048	11	3.393	100	5.269	100	4.493	100	2.12	100	1.509	100	1.879	100	3.226	94
GB0091R	mercury	-	0	1.944	100	2.569	100	3.549	100	4.685	100	3.306	100	4.72	100	4.612	100	4.827	100	9.453	100	10.995	100	0.346	100	5.288	100
IE0001R	mercury	50	100	50	100	50	100	50	100	50	100	25.475	100	25	100	25	100	25	100	25	100	25	100	25	100	34.581	100
LV0010R	mercury	30	41	-	0	30	41	30	51	30	25	30	74	30	27	30	29	60	55	30	51	30	49	30	24	37.565	38
NL0091R	mercury	5.255	100	6.655	99	7.775	100	9.549	98	10.542	99	11.665	95	10.458	100	10.472	100	9.051	100	5.1	98	5.003	100	3.604	100	8.099	100
NO0001R	mercury	11.2	100	3.3	100	9.9	100	14.8	100	23.6	100	31.2	100	19.7	100	4.678	100	2.35	100	7.773	100	3.075	100	14	100	8.839	100
PT0002R	mercury	30	100	30	100	30	100	30	100	30	100	30	100	-	-	-	-	30	100	30	100	17.617	100	5	100	25.978	100
SE0005R	mercury	-	-	16.300	100	17.744	100	11.398	100	6.200	100	7.013	100	7.579	100	5.600	100	3.619	100	8.100	100	6.320	100	5.052	100	6.918	100
SE0011R	mercury	11.1	100	11.124	100	12.599	100	26.062	100	8.678	100	8.275	100	18.647	100	5.702	100	5.839	100	6.485	100	3.024	100	7	100	7.61	100
SE0014R	mercury	6.1	100	7.6	100	10.3	100	9	100	22.509	100	8.951	100	10.6	100	9.224	100	8.001	100	5.1	100	4.1	100	14.2	100	9.081	100
SI0008R	mercury	3.548	100	4.583	100	4.862	100	6.305	100	4.75	100	4.401	100	6.927	100	2.751	100	4.014	100	3.145	100	2.658	100	4.833	100	4.21	100

Site	Comp	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		2010	
		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
BE0014R	nickel	0.39	100	0.44	100	0.27	100	0.54	100	0.58	100	0.47	100	0.52	100	0.39	100	0.22	100	0.17	100	0.41	100	0.84	100	0.39	100
CZ0001R	nickel	0.50	100	1.36	100	1.02	98	0.50	100	0.50	100	0.50	100	0.55	100	0.50	100	0.53	100	0.99	100	0.73	100	0.87	100	0.58	100
CZ0003R	nickel	-	-	-	-	-	-	0.50	81	0.50	90	0.50	96	0.50	95	0.55	97	0.50	91	-	-	1.80	90	1.29	37	0.63	78
DE0001R	nickel	0.56	100	0.34	99	0.43	100	0.51	100	0.70	100	0.57	100	0.46	100	0.35	100	0.38	100	0.49	100	0.65	100	0.32	100	0.46	100
DE0002R	nickel	0.14	100	0.16	100	0.15	100	0.26	97	0.31	80	0.37	97	0.56	100	0.13	100	0.14	100	0.14	100	0.14	100	0.25	100	0.20	97
DE0003R	nickel	0.09	100	0.12	100	0.22	100	0.33	98	0.48	100	0.44	100	1.07	100	0.14	100	0.14	100	0.11	100	0.07	100	0.07	100	0.24	100
DE0009R	nickel	0.25	99	0.38	100	0.40	95	0.89	100	0.41	100	0.43	99	0.44	98	0.54	100	0.35	100	0.52	100	0.24	100	0.84	100	0.44	100
DK0005R	nickel	9.23	98	1.05	100	0.49	100	0.50	100	0.24	100	0.22	100	0.63	100	0.23	100	0.20	100	0.22	100	0.22	100	0.39	100	0.38	100
DK0008R	nickel	0.05	100	0.60	100	0.32	100	0.42	100	0.63	100	1.43	100	0.21	100	0.11	100	0.18	100	0.14	100	0.12	100	0.19	100	0.37	100
DK0022R	nickel	0.28	100	0.28	100	0.28	100	0.28	100	0.20	100	0.18	100	0.16	100	0.17	100	0.13	100	0.11	100	0.09	100	0.09	100	0.16	100
DK0031R	nickel	0.14	100	0.31	100	0.18	100	0.20	100	0.26	100	0.11	100	0.22	100	0.13	100	0.14	100	0.11	100	0.09	100	0.06	100	0.16	100
ES0008R	nickel	0.52	100	0.97	100	0.66	100	1.86	100	1.93	100	0.66	100	1.42	100	1.09	100	0.87	100	1.25	100	0.52	100	0.71	100	0.93	100
ES0009R	nickel	0.64	100	0.52	100	0.63	100	0.76	100	1.19	100	0.53	100	1.76	100	3.33	78	0.62	100	0.78	100	1.49	100	9.91	100	1.73	100
FI0008R	nickel	0.92	100	0.53	100	2.42	100	2.39	100	0.61	100	0.21	100	0.41	100	0.28	100	2.00	100	0.07	100	0.36	100	0.88	100	0.53	100
FI0017R	nickel	0.42	100	0.30	100	0.29	100	0.43	100	0.45	100	0.19	100	0.73	100	0.16	100	0.09	100	0.13	100	0.18	100	0.83	100	0.30	100
FI0022R	nickel	0.28	100	0.15	100	0.35	100	0.24	100	0.13	100	0.29	100	0.41	100	0.17	100	0.05	100	0.15	100	0.47	100	0.10	100	0.22	100
FI0036R	nickel	0.19	100	0.19	100	0.35	100	0.15	100	0.60	100	0.13	100	0.23	100	0.14	100	0.06	100	0.06	100	0.46	100	0.09	100	0.19	100
FI0053R	nickel	0.50	100	0.21	100	0.16	100	0.56	100	0.27	100	0.19	100	0.22	100	0.08	100	0.10	100	0.16	100	0.36	100	0.45	100	0.22	100
FI0092R	nickel	0.54	100	0.21	100	0.17	100	0.53	100	0.13	100	0.08	100	0.26	100	0.12	100	0.09	100	0.07	100	0.12	100	0.77	100	0.17	100
FI0093R	nickel	0.33	100	0.30	100	0.17	100	0.47	100	0.19	100	0.17	100	0.27	100	0.17	100	0.08	100	0.10	100	0.20	100	0.09	100	0.19	100
FR0090R	nickel	0.78	100	0.36	100	0.21	100	0.52	100	0.44	100	0.38	100	0.42	100	0.67	100	0.40	100	0.22	100	0.09	100	0.16	100	0.35	100
GB0013R	nickel	0.25	100	0.22	100	0.32	100	0.22	100	0.51	88	0.59	100	0.15	100	0.22	100	0.18	100	0.15	100	0.24	100	0.18	100	0.24	100
GB0017R	nickel	0.26	54	0.36	100	0.37	100	0.29	46	-	-	-	-	1.92	99	0.28	88	0.17	13	0.21	100	0.29	100	0.89	100	0.56	76
GB0091R	nickel	0.57	100	0.25	100	0.09	8	0.11	75	0.17	77	0.18	100	0.11	76	0.31	100	0.24	100	0.08	96	0.25	100	0.46	100	0.25	89
IE0001R	nickel	0.50	100	0.50	100	0.50	100	0.50	100	0.50	100	0.50	100	0.26	100	0.90	100	0.26	100	0.25	100	0.25	100	0.25	100	0.38	100
IS0090R	nickel	1.88	100	1.90	100	2.76	100	5.97	100	0.89	100	1.52	100	1.56	100	0.58	100	1.51	100	1.51	100	-	-	-	-	2.01	100
IS0091R	nickel	0.35	100	0.18	100	1.13	100	-	-	1.37	100	1.21	100	1.24	100	0.07	100	0.43	100	-	-	-	-	-	-	0.30	99
LV0010R	nickel	2.59	40	0.40	29	0.45	41	2.66	51	0.40	25	0.40	74	0.45	27	0.45	29	3.21	55	0.40	51	0.40	49	0.40	24	1.18	39
NL0009R	nickel	0.22	100	0.21	100	0.21	100	0.23	100	0.21	100	0.21	100	0.22	100	0.21	100	0.21	100	0.21	100	0.21	100	0.21	100	0.21	100
NL0091R	nickel	0.21	100	0.21	100	0.26	100	0.24	100	0.30	100	0.28	100	0.22	100	0.21	100	0.21	100	0.21	100	0.21	100	0.24	100	0.22	100
NO0001R	nickel	0.39	99	0.10	100	0.10	100	0.13	99	0.58	100	0.34	100	0.45	100	0.14	100	0.14	100	0.21	100	0.10	100	0.17	100	0.20	100
PL0004R	nickel	0.53	100	0.18	100	0.29	100	0.23	100	0.34	100	0.27	100	0.54	100	0.17	100	0.22	100	0.15	100	0.10	100	0.69	100	0.30	100
PL0005R	nickel	0.44	100	0.58	100	0.40	100	0.35	100	0.20	100	0.50	100	0.20	100	0.18	100	0.20	100	0.26	100	0.15	100	0.20	100	0.27	100
PT0002R	nickel	0.10	100	0.34	100	0.13	100	0.10	100	0.62	100	0.15	100	-	-	-	-	0.42	100	0.11	100	0.10	100	0.25	100	0.20	100
SE0005R	nickel	-	-	0.21	100	0.25	100	0.37	100	0.19	100	0.16	100	0.18	100	0.08	100	0.08	100	0.34	100	0.61	100	0.10	100	0.18	100
SE0011R	nickel	0.31	100	0.31	100	0.40	100	0.91	100	0.29	100	0.23	100	-	-	0.26	100	0.23	100	0.21	100	0.46	100	0.23	100	0.30	100
SE0014R	nickel	0.45	100	0.34	100	0.34	100	1.26	100	0.45	100	0.28	100	0.33	100	0.17	100	0.27	100	0.23	100	0.71	100	0.47	100	0.35	100
SI0008R	nickel	0.15	100	0.15	100	0.16	100	0.16	100	0.15	100	0.15	100	0.22	100	0.19	100	0.15	100	0.29	100	0.18	100	0.15	100	0.17	100
SK0002R	nickel	0.66	100	0.61	100	0.56	100	0.60	100	0.60	100	0.35	100	0.07	100	0.05	100	0.10	100	0.67	100	0.16	100	0.35	100	0.32	100
SK0004R	nickel	1.37	100	1.28	100	0.52	100	0.28	100	0.57	100	0.32	100	0.05	100	0.07	100	0.08	100	0.16	100	0.08	100	0.12	100	0.30	100
SK0006R	nickel	0.51	100	0.60	100	0.22	100	0.48	100	0.41	100	0.28	100	0.21	100	0.15	100	0.76	100	1.16	100	0.36	100	0.88	100	0.41	100
SK0007R	nickel	0.42	100	0.18	100	0.35	100	0.20	100	0.41	100	0.33	100	0.11	100	0.05	100	0.08	100	0.10	100	0.24	100	0.56	100	0.25	100
BE0014R	precipitation_amount	30	77	55	75	43	55	27	77	28	77	56	100	45.46	100	142	100	98	100	65	100	84	77	34	65	707	84
BE0014R	precipitation_amount_Hg	32	100	52	100	42	100	24	100	28	100	53	100	45	100	132	100	92	100	61	100	80	100	34	100	675	100
CZ0001R	precipitation_amount	43	87	10	100	32	100	78	100	144	100	85	100	137	100	141	100	105	100	19	100	50	100	41	100	887	99
CZ0003R	precipitation_amount	56	100	18	100	32	100	47	100	114	100	80	100	93	100	245	100	85	100	6	100	54	100	48	100	878	100
DE0001R	precipitation_amount	27	87	35	86	22	84	26	87	40	84	32	87	108	87	139	84	102	87	97	87	84	83	33	74	745	85
DE0001R	precipitation_amount_Hg	29	87	35	86	23	84	30	87	41	84	32	87	108	87	138	84	102	87	87	87	89	83	34	74	748	85
DE0002R	precipitation_amount	35	100	35	100	48	100	32	100	103	100	21	100	34	100	138	100	120	100	17	100	95	100	53	87	733	99
DE0002R	precipitation_amount_Hg	36	100	39	100	51	100	33	100	104	100	23	100	37	100	142	100	125	100	18	100	99	100	54	87	763	99
DE0003R	precipitation_amount	124	100	85	100	110	100	73	100	178	100	109	100	95	100	329	100	104	100	104	100	164	100	208	87	1689	99
DE0003R	precipitation_amount_Hg	109	100	73	100	99	100	71	100	175	100	109	100	95	100	327	100	116	100	92	100	163	100	197	87	1631	99
DE0007R	precipitation_amount	19	100	35	100	43	100	9	100	94	100	41	100	33	100	177	100	68	100	22	100	93	100	42	87	675	99
DE0008R	precipitation_amount	70	100	57	100	89	100	42	100	127	100	21	100	182	100	229	100	91	100	47	100	154	100	101	87	1212	99
DE0008R	precipitation_amount_Hg	67	100	57	100	93	100	43	100	129	100	23	100	185	100	239	100	94	100	48	100	159	100	105	87	1242	99

Site	Comp	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		2010	
		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
DE0009R	precipitation_amount	37	87	33	86	19	84	20	87	85	84	33	87	40	87	176	84	79	87	59	87	138	83	45	74	762	85
DE0009R	precipitation_amount_Hg	-	-	32	96	14	97	26	97	86	94	30	100	52	97	171	94	73	100	68	97	140	93	42	87	734	87
DK0005R	precipitation_amount	3	94	37	82	25	97	22	100	71	97	47	97	20	26	61	97	74	97	62	97	62	100	23	97	506	90
DK0008R	precipitation_amount	3	100	41	100	28	100	14	100	57	100	60	100	78	100	102	100	36	100	75	100	76	100	23	100	592	100
DK0022R	precipitation_amount	10	100	30	100	30	100	31	100	62	100	48	100	114	100	141	100	81	100	111	100	80	100	55	100	792	100
DK0031R	precipitation_amount	26	100	53	100	43	100	27	100	52	100	27	100	80	100	95	100	92	100	96	100	75	100	46	100	711	100
EE0009R	precipitation_amount	35	100	35	100	47	100	35	100	66	100	69	100	51	100	30	100	85	100	57	100	84	100	67	100	661	100
EE0011R	precipitation_amount	30	100	40	100	31	100	18	100	60	100	56	100	51	100	149	100	108	100	54	100	67	100	67	100	730	100
ES0008R	precipitation_amount_Hg	75	90	43	100	17	100	18	100	40	74	49	80	15	100	29	100	73	100	59	77	58	100	69	100	545	93
ES0009R	precipitation_amount	65	90	81	100	42	100	42	100	91	100	101	100	9	100	2	94	27	83	63	100	73	100	65	84	659	96
FI0008R	precipitation_amount	15	100	21	100	2	100	15	100	37	100	77	100	122	100	31	100	22	100	57	100	12	100	13	100	424	100
FI0017R	precipitation_amount	23	100	28	100	42	100	25	100	61	100	48	100	18	100	55	100	58	100	38	100	48	100	24	100	468	100
FI0022R	precipitation_amount	14	100	50	100	37	100	27	100	50	100	40	100	50	100	65	100	55	100	26	100	21	100	20	100	455	100
FI0036R	precipitation_amount	18	100	24	100	14	100	25	100	26	100	49	100	101	100	49	100	44	100	56	100	19	100	16	100	442	100
FI0053R	precipitation_amount	8	100	38	100	25	100	26	100	35	100	26	100	64	100	69	100	54	100	33	100	23	100	13	100	414	100
FI0092R	precipitation_amount	18	100	38	100	43	100	25	100	61	100	96	100	17	100	43	100	97	100	55	100	61	100	14	100	569	100
FI0093R	precipitation_amount	20	100	48	100	51	100	21	100	69	100	46	100	15	100	57	100	54	100	45	100	61	100	37	100	523	100
FR0090R	precipitation_amount	106	100	145	100	72	100	38	100	41	100	39	100	80	100	114	100	98	100	117	100	220	100	98	100	1165	100
GB0013R	precipitation_amount	110	100	106	100	114	100	41	100	30	100	35	100	106	100	99	100	114	100	107	100	130	100	32	100	1024	100
GB0013R	precipitation_amount_Hg	20	29	71	71	87	100	76	100	30	100	37	100	112	100	70	100	106	100	157	100	106	100	19	42	892	87
GB0017R	precipitation_amount	74	132	52	100	41	100	18	100	13	100	19	100	57	100	93	100	67	100	64	100	58	100	62	100	620	103
GB0017R	precipitation_amount_Hg	-	-	34	57	34	100	14	100	14	100	18	100	50	100	108	100	70	100	66	100	56	100	34	55	498	84
GB0048R	precipitation_amount	40	100	47	100	85	100	31	100	26	100	51	100	110	100	55	100	100	100	74	97	108	100	26	100	751	100
GB0048R	precipitation_amount_Hg	39	100	37	100	69	100	16	100	18	100	41	100	112	100	46	100	55	100	87	100	72	100	41	100	633	100
GB0091R	precipitation_amount	80	100	88	100	38	100	40	100	45	100	50	100	117	100	58	100	90	100	62	100	95	100	34	100	797	100
GB0091R	precipitation_amount_Hg	-	-	46	57	62	100	40	100	56	100	50	100	114	100	68	100	81	100	97	100	82	100	40	100	736	88
HU0002R	precipitation_amount	39	100	86	100	11	100	81	100	221	100	146	100	57	100	69	100	179	100	14	77	80	100	82	100	1065	98
IE0001R	precipitation_amount_Hg	162	100	67	100	123	100	100	100	56	100	92	100	153	100	39	100	124	100	134	100	171	100	110	100	1328	100
IS0090R	precipitation_amount	138	100	28	100	83	100	31	100	29	100	10	100	19	100	52	100	80	100	8	10	-	-	-	-	479	76
IS0091R	precipitation_amount	11	100	5	100	3	100	3	100	6	100	7	100	12	100	195	100	137	100	-	-	-	-	-	-	378	75
LV0010R	precipitation_amount	25	100	33	100	51	100	4	100	128	100	28	100	93	100	169	100	166	100	87	100	91	100	80	100	956	100
NL0009R	precipitation_amount	24	84	59	93	34	94	34	93	43	94	32	93	61	81	118	90	108	93	102	94	16	50	39	94	670	88
NL0091R	precipitation_amount	36	84	72	93	39	94	35	93	35	94	20	93	92	94	189	90	105	93	34	65	79	93	42	94	779	90
NL0091R	precipitation_amount_Hg	44	100	57	100	45	100	30	100	49	100	12	77	85	100	125	100	104	100	55	77	75	100	41	90	721	95
NO0001R	precipitation_amount	29	100	60	100	73	100	37	100	34	100	23	100	81	100	121	100	107	100	316	100	122	100	53	100	1056	100
NO0001R	precipitation_amount_Hg	35	100	75	100	56	100	36	100	37	100	25	100	103	100	130	100	150	100	290	100	114	100	61	100	1113	100
NO0039R	precipitation_amount	84	100	57	100	309	100	94	100	56	100	186	100	90	100	160	100	82	100	149	100	43	100	48	100	1358	100
NO0056R	precipitation_amount	17	100	40	100	48	100	32	100	32	100	116	100	131	100	127	100	84	100	89	100	38	100	16	100	771	100
PL0004R	precipitation_amount	25	100	26	100	49	100	9	100	123	100	38	100	127	100	109	100	152	100	39	100	145	100	67	100	908	100
PL0005R	precipitation_amount	5	87	17	100	27	100	17	100	102	100	81	100	44	100	99	100	29	100	24	100	64	100	31	87	541	98
PT0002R	precipitation_amount_Hg	120	100	200	100	140	100	70	100	40	100	27	100	0	100	1	100	10	100	188	100	66	100	130	100	991	100
SE0005R	precipitation_amount	-	-	7	93	32	100	19	100	102	100	89	100	99	100	75	100	40	100	21	100	10	100	10	100	505	91
SE0005R	precipitation_amount_Hg	-	-	7	93	11	100	10	100	63	100	103	100	110	100	86	100	46	100	19	100	8	100	10	90	473	90
SE0011R	precipitation_amount	1	3	28	96	30	100	12	100	36	100	64	100	2	100	105	100	55	100	93	100	91	100	23	100	540	91
SE0011R	precipitation_amount_Hg	1	3	28	100	21	100	21	100	61	100	78	100	16	100	103	100	68	100	104	100	97	100	17	97	615	92
SE0014R	precipitation_amount	13	90	23	100	33	100	9	100	32	100	47	100	103	100	112	100	40	100	65	100	61	100	23	100	560	99
SE0014R	precipitation_amount_Hg	18	90	33	100	24	100	5	100	39	100	50	100	91	100	102	100	54	100	81	100	53	100	10	100	561	99
SI0008R	precipitation_amount	101	90	115	100	79	100	75	100	127	100	171	100	71	100	128	100	197	100	124	100	191	100	160	100	1539	99
SI0008R	precipitation_amount_Hg	123	100	125	100	93	100	45	100	135	100	186	100	107	100	113	100	251	100	128	100	174	100	169	84	1652	99
SK0002R	precipitation_amount	41	100	31	100	46	100	43	100	242	100	158	100	230	100	98	100	131	100	22	100	66	100	38	100	1145	100
SK0004R	precipitation_amount	31	100	31	100	17	100	77	100	200	100	115	100	172	100	114	100	127	100	22	100	83	100	38	100	1027	100
SK0006R	precipitation_amount	26	97	28	96	26	97	67	97	202	97	157	97	96	97	124	97	57	100	26	100	87	100	71	100	967	98
SK0007R	precipitation_amount	32	100	31	100	23	100	103	100	167	100	133	100	97	100	95	100	68	100	24	100	65	100	35	100	873	100

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	pm10	1542	3482	415	791	3400	1121	806	815	1061	958	1534	1218	1313
DK0010G	aluminium	aerosol	34.6	30.7	19.2	23.3	11.9	14.8	16.4	12.7	3.1	9.1	4.6	8.4	15.5
ES1778R	aluminium	pm1	0.01	0.01	0.04	0.02	0.02	0.01	0.09	0.02	0.01	0.01	0.07	0.01	0.03
ES1778R	aluminium	pm10	0.09	0.05	1.32	0.13	0.17	0.16	0.32	0.36	0.26	0.01	0.09	0.10	0.30
ES1778R	aluminium	pm25	0.03	0.01	0.18	0.02	0.03	0.02	0.26	0.07	0.03	0.09	0.08	0.11	0.08
FI0017R	aluminium	aerosol	49.7	66.0	27.3	83.2	105.9	27.3	104.4	66.0	32.7	29.0	20.2	34.6	53.9
FI0036R	aluminium	aerosol	4.9	9.9	4.5	8.3	18.4	6.1	4.6	2.3	7.8	3.3	1.6	3.8	6.4
FI0037R	aluminium	aerosol	10.4	16.8	11.9	23.7	39.8	23.1	53.3	21.7	12.2	8.4	9.5	9.1	20.4
SI0008R	aluminium	pm10	43.0	41.3	69.4	78.1	62.3	103.6	95.0	59.7	38.9	46.0	46.8	58.0	62.1
SI0008R	aluminium	pm25	36.3	36.3	44.6	42.4	40.0	56.5	40.7	39.7	39.7	36.3	38.8	39.3	43.7
DE0001R	antimony	pm10	0.75	0.48	0.38	0.39	0.19	0.24	0.39	0.24	0.41	0.64	0.26	0.20	0.38
DE0002R	antimony	pm10	1.22	0.70	0.47	0.45	0.27	0.28	0.41	0.44	0.51	0.91	0.50	0.41	0.55
DE0003R	antimony	pm10	0.20	0.36	0.35	0.53	0.22	0.55	0.54	0.29	0.31	0.35	0.10	0.19	0.32
DE0007R	antimony	pm10	1.32	0.77	0.45	0.49	0.30	0.22	1.28	0.32	0.54	0.89	0.43	0.37	0.62
DE0008R	antimony	pm10	0.37	0.35	0.39	0.40	0.25	0.35	0.42	0.32	0.48	0.49	0.21	0.28	0.36
DE0009R	antimony	aerosol	0.75	0.63	0.43	0.39	0.27	0.26	0.29	0.27	0.42	0.79	0.24	0.26	0.41
DE0009R	antimony	pm10	0.75	0.63	0.43	0.39	0.27	0.25	0.31	0.27	0.42	0.79	0.24	0.26	0.42
ES1778R	antimony	pm1	0.07	0.07	0.12	0.15	0.15	0.10	0.07	0.06	0.11	0.19	0.07	0.06	0.10
ES1778R	antimony	pm10	0.23	0.15	0.39	0.34	0.34	0.34	0.30	0.30	0.41	0.41	0.19	0.15	0.29
ES1778R	antimony	pm25	0.12	0.09	0.22	0.20	0.20	0.17	0.13	0.16	0.15	0.23	0.09	0.07	0.15
GB0048R	antimony	pm10	0.63	0.96	0.78	0.37	0.35	0.35	0.13	0.33	0.54	0.31	0.48	0.22	0.45
BE0014R	arsenic	aerosol	1.25	0.84	0.55	0.71	0.44	0.63	0.62	0.34	0.61	0.83	0.85	1.27	0.74
CY0002R	arsenic	pm10	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
CZ0001R	arsenic	pm10	1.52	1.06	0.66	0.94	0.72	0.71	1.03	0.32	0.46	0.58	0.50	0.75	0.76
CZ0003R	arsenic	aerosol	1.44	1.41	0.58	0.52	0.40	0.29	0.49	0.18	0.35	0.65	0.48	0.93	0.63
CZ0003R	arsenic	pm10	1.68	1.79	0.71	0.75	0.55	0.38	0.60	0.26	0.42	0.86	0.63	1.21	0.81
DE0001R	arsenic	pm10	1.10	0.66	0.23	0.30	0.15	0.14	0.20	0.12	0.28	0.44	0.25	0.34	0.35
DE0002R	arsenic	pm10	2.47	0.95	0.22	0.32	0.22	0.21	0.30	0.24	0.41	0.76	0.30	0.45	0.57
DE0003R	arsenic	pm10	0.19	0.26	0.29	0.30	0.12	0.18	0.15	0.10	0.09	0.20	0.03	0.05	0.16
DE0007R	arsenic	pm10	1.82	1.26	0.48	0.77	0.22	0.31	0.42	0.18	0.61	1.23	0.39	0.44	0.67
DE0008R	arsenic	pm10	0.60	0.67	0.33	0.24	0.12	0.27	0.20	0.10	0.18	0.40	0.15	0.28	0.29
DE0009R	arsenic	aerosol	0.94	0.98	0.37	0.35	0.20	0.27	0.22	0.17	0.48	0.62	0.19	0.41	0.43
DE0009R	arsenic	pm10	0.94	0.98	0.37	0.35	0.20	0.26	0.27	0.17	0.48	0.62	0.19	0.41	0.44
DK0005R	arsenic	aerosol	1.20	0.63	0.34	0.22	0.24	0.28	0.21	-	-	-	-	-	-
DK0008R	arsenic	aerosol	0.31	0.41	0.09	0.35	0.25	0.27	0.23	0.18	0.24	0.42	0.15	0.24	0.28
DK0010G	arsenic	aerosol	0.07	0.07	0.06	0.06	0.02	0.01	0.02	0.02	0.01	0.01	0.02	0.03	0.03
DK0012R	arsenic	aerosol	-	-	-	-	-	-	0.12	0.38	0.50	0.87	0.52	0.81	-
ES0001R	arsenic	pm10	-	-	0.47	0.16	0.12	-	-	-	-	-	-	-	-
ES0006R	arsenic	pm10	-	-	-	-	-	-	-	-	-	0.13	0.10	0.30	-
ES0007R	arsenic	pm10	-	-	-	-	0.17	0.20	0.24	-	-	-	-	-	-
ES0008R	arsenic	pm10	0.08	0.18	0.15	0.17	0.22	0.26	0.10	0.09	0.23	0.11	0.07	0.09	0.14
ES0009R	arsenic	pm10	0.06	0.09	0.28	0.10	0.10	0.09	0.15	0.08	0.16	0.08	0.04	0.09	0.11
ES0014R	arsenic	pm10	-	-	-	-	-	-	-	0.11	0.22	-	-	-	-
ES1778R	arsenic	pm1	0.10	0.10	0.14	0.12	0.13	0.12	0.07	0.10	0.16	0.16	0.11	0.09	0.11
ES1778R	arsenic	pm10	0.12	0.14	0.35	0.19	0.18	0.16	0.08	0.20	0.23	0.25	0.12	0.10	0.18
ES1778R	arsenic	pm25	0.10	0.13	0.20	0.13	0.15	0.13	0.06	0.12	0.15	0.19	0.13	0.10	0.13

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
FI0017R	arsenic	aerosol	0.56	0.57	0.20	0.35	0.26	0.20	0.39	0.30	0.34	0.29	0.21	0.61	0.36
FI0036R	arsenic	aerosol	0.23	0.25	0.08	0.06	0.18	0.06	0.07	0.13	0.07	0.07	0.06	0.16	0.12
FI0037R	arsenic	aerosol	0.27	0.28	0.15	0.19	0.17	0.13	0.21	0.16	0.22	0.19	0.14	0.41	0.21
FR0009R	arsenic	aerosol	0.02	0.01	0.14	0.43	0.34	0.32	0.17	0.18	0.21	0.18	0.33	0.24	0.22
FR0013R	arsenic	aerosol	0.11	0.24	0.33	0.34	0.21	0.14	0.14	0.15	0.17	0.19	0.05	0.27	0.20
GB0013R	arsenic	pm10	0.46	0.48	0.68	0.46	0.49	0.26	0.29	0.21	0.32	0.68	0.91	0.87	0.51
GB0017R	arsenic	pm10	0.46	0.51	0.60	0.46	0.37	0.25	0.46	0.29	0.45	0.59	0.80	0.75	0.50
GB0048R	arsenic	pm10	0.30	0.41	0.59	0.23	0.25	0.27	0.13	0.22	0.24	0.26	0.28	0.29	0.29
GB0091R	arsenic	pm10	0.25	0.26	0.46	0.28	0.25	0.33	0.42	0.18	0.17	0.23	0.26	0.47	0.30
LV0010R	arsenic	pm10	0.79	0.82	0.25	0.30	0.09	0.02	0.06	0.17	0.14	0.27	0.21	0.49	0.33
NL0008R	arsenic	aerosol	1.03	0.69	0.43	0.36	0.25	0.39	0.39	0.27	0.48	0.77	0.56	0.75	0.53
NL0009R	arsenic	aerosol	1.23	0.55	0.25	0.26	0.17	0.26	0.29	0.24	0.31	0.66	0.38	0.42	0.40
NL0010R	arsenic	aerosol	0.77	0.64	0.48	0.52	0.30	0.44	0.72	0.39	0.60	0.68	0.52	0.95	0.58
NO0002R	arsenic	pm10	0.15	0.15	0.18	0.27	0.18	0.22	0.17	0.15	0.18	0.29	0.08	0.11	0.18
NO0042G	arsenic	aerosol	0.03	0.18	0.16	0.04	0.02	0.01	0.02	0.01	0.00	-	0.03	0.04	0.05
NO0090R	arsenic	aerosol	0.04	0.28	0.08	0.04	0.06	0.03	0.04	0.05	0.04	0.05	0.06	0.04	0.07
PL0005R	arsenic	pm10	0.48	0.38	0.27	0.16	0.15	0.19	0.11	0.20	0.40	0.36	0.40	0.64	0.30
RO0008R	arsenic	aerosol	0.27	0.25	0.27	0.22	0.24	0.25	0.20	0.21	0.22	0.21	0.21	0.21	0.23
SE0005R	arsenic	aerosol	0.07	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SE0011R	arsenic	aerosol	0.26	0.15	0.17	0.21	0.23	0.28	0.17	0.17	0.01	0.06	0.06	0.17	0.16
SE0012R	arsenic	aerosol	0.37	0.31	0.27	0.30	0.37	0.17	0.19	0.32	0.38	0.30	0.22	0.31	0.29
SE0014R	arsenic	aerosol	0.18	0.27	0.09	0.09	0.14	0.01	0.03	0.01	0.01	0.15	0.16	0.15	0.11
SI0008R	arsenic	pm10	0.80	0.47	0.30	0.35	0.16	0.29	0.42	0.22	0.24	0.38	0.16	0.21	0.34
SI0008R	arsenic	pm25	0.74	0.45	0.34	0.28	0.19	0.29	0.39	0.25	0.26	0.36	0.11	0.28	0.33
SK0002R	arsenic	aerosol	0.07	0.10	0.18	0.30	0.21	0.21	0.36	0.71	0.42	0.40	0.18	0.08	0.27
SK0004R	arsenic	pm10	-	-	-	0.40	0.34	0.38	0.35	0.83	0.71	0.82	0.94	0.76	0.64
SK0006R	arsenic	pm10	0.68	1.14	0.61	0.50	0.32	0.35	0.26	0.55	0.35	0.49	0.63	0.98	0.57
SK0007R	arsenic	pm10	1.91	2.01	1.06	0.82	0.47	1.01	1.39	0.79	0.95	1.95	0.89	1.90	1.25
ES1778R	barium	pm1	0.68	0.96	0.79	0.56	0.66	0.53	3.17	0.89	0.24	0.23	1.31	0.49	0.98
ES1778R	barium	pm10	17.21	1.80	12.76	2.24	3.62	3.20	6.03	4.96	4.15	2.98	1.66	1.75	5.51
ES1778R	barium	pm25	1.28	0.86	2.39	0.72	1.18	0.60	3.00	1.09	0.62	4.28	3.84	1.30	1.71
GB0048R	barium	pm10	1.57	2.02	2.34	0.88	0.96	0.79	0.29	1.00	1.11	0.76	1.29	0.32	1.11
ES1778R	bismuth	pm1	0.10	0.02	0.07	0.04	0.05	0.05	0.08	0.04	0.09	0.09	0.01	0.02	0.05
ES1778R	bismuth	pm10	0.12	0.06	0.11	0.07	0.07	0.11	0.26	0.08	0.13	0.06	0.03	0.04	0.10
ES1778R	bismuth	pm25	0.11	0.04	0.11	0.06	0.07	0.08	0.15	0.05	0.08	0.14	0.03	0.03	0.07
BE0014R	cadmium	aerosol	0.46	0.35	0.21	0.26	0.20	0.25	0.28	0.12	0.25	0.20	0.21	0.31	0.26
CY0002R	cadmium	pm10	0.16	0.11	0.17	0.15	0.13	0.09	0.17	0.20	0.17	0.14	0.21	0.10	0.15
CZ0001R	cadmium	pm10	0.44	0.25	0.23	0.21	0.09	0.12	0.14	0.07	0.10	0.33	0.15	0.13	0.19
CZ0003R	cadmium	pm10	0.44	0.37	0.19	0.20	0.09	0.09	0.07	0.06	0.10	0.30	0.15	0.18	0.19
CZ0003R	cadmium	pm25	0.37	0.29	0.16	0.17	0.07	0.07	0.05	0.04	0.09	0.23	0.11	0.15	0.15
DE0001R	cadmium	pm10	0.31	0.17	0.08	0.08	0.03	0.03	0.06	0.03	0.07	0.12	0.04	0.08	0.09
DE0002R	cadmium	pm10	0.56	0.26	0.12	0.13	0.05	0.06	0.07	0.07	0.11	0.23	0.12	0.17	0.16
DE0003R	cadmium	pm10	0.06	0.07	0.10	0.10	0.05	0.06	0.05	0.03	0.02	0.13	0.01	0.02	0.06
DE0007R	cadmium	pm10	0.59	0.31	0.11	0.15	0.07	0.04	0.06	0.07	0.16	0.29	0.12	0.14	0.18
DE0008R	cadmium	pm10	0.17	0.17	0.10	0.08	0.04	0.05	0.04	0.05	0.05	0.11	0.04	0.09	0.08

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
DE0009R	cadmium	aerosol	0.33	0.25	0.10	0.10	0.06	0.04	0.03	0.05	0.13	0.23	0.06	0.09	0.12
DE0009R	cadmium	pm10	0.33	0.25	0.10	0.10	0.06	0.04	0.05	0.05	0.13	0.23	0.06	0.09	0.12
DK0005R	cadmium	aerosol	1.63	0.61	0.35	0.19	0.28	0.18	0.22	-	-	-	-	-	-
DK0008R	cadmium	aerosol	0.37	0.41	0.07	0.21	0.14	0.14	0.16	0.09	0.20	0.44	0.09	0.26	0.23
DK0010G	cadmium	aerosol	0.01	-	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01
DK0012R	cadmium	aerosol	-	-	-	-	-	-	0.12	0.17	0.35	0.86	0.27	0.43	0.42
ES0001R	cadmium	pm10	-	-	0.11	0.01	0.01	-	-	-	-	-	-	-	-
ES0006R	cadmium	pm10	-	-	-	-	-	-	-	-	-	0.02	0.06	0.24	-
ES0007R	cadmium	pm10	-	-	-	-	0.01	0.01	0.02	-	-	-	-	-	-
ES0008R	cadmium	pm10	0.04	0.07	0.09	0.08	0.09	0.19	0.02	0.02	0.09	0.03	0.01	0.03	0.06
ES0009R	cadmium	pm10	0.03	0.02	0.04	0.02	0.02	0.02	0.01	0.02	0.03	0.02	0.01	0.02	0.02
ES0014R	cadmium	pm10	-	-	-	-	-	-	-	0.02	0.04	-	-	-	-
ES1778R	cadmium	pm1	0.08	0.11	0.05	0.07	0.07	0.05	0.05	0.03	0.03	0.09	0.04	0.03	0.06
ES1778R	cadmium	pm10	0.08	0.05	0.08	0.09	0.07	0.07	0.05	0.04	0.05	0.08	0.05	0.05	0.06
ES1778R	cadmium	pm25	0.09	0.05	0.08	0.08	0.07	0.06	0.07	0.04	0.03	0.08	0.05	0.06	0.07
FI0017R	cadmium	aerosol	0.22	0.24	0.10	0.15	0.13	0.05	0.16	0.09	0.11	0.12	0.07	0.19	0.14
FI0036R	cadmium	aerosol	0.06	0.08	0.02	0.01	0.03	0.01	0.01	0.02	0.02	0.02	0.01	0.03	0.03
FI0037R	cadmium	aerosol	0.09	0.10	0.05	0.06	0.05	0.02	0.07	0.05	0.07	0.10	0.04	0.10	0.07
FR0009R	cadmium	aerosol	0.00	0.00	0.07	0.22	0.13	0.16	0.08	0.07	0.13	0.12	0.16	0.31	0.12
FR0013R	cadmium	aerosol	0.07	0.08	0.07	0.06	0.11	0.04	0.02	0.03	0.03	0.09	0.04	0.09	0.06
GB0013R	cadmium	pm10	0.08	0.12	0.09	0.06	0.10	0.03	0.01	0.02	0.04	0.07	0.06	0.08	0.06
GB0017R	cadmium	pm10	0.10	0.08	0.13	0.09	0.08	0.08	0.08	0.06	0.10	0.11	0.17	0.10	0.10
GB0048R	cadmium	pm10	0.05	0.06	0.10	0.05	0.05	0.05	0.03	0.04	0.03	0.04	0.04	0.02	0.05
GB0091R	cadmium	pm10	0.04	0.05	0.11	0.05	0.04	0.06	0.10	0.02	0.02	0.09	0.06	0.04	0.06
HU0002R	cadmium	aerosol	0.53	0.41	0.27	0.33	0.16	0.14	0.18	0.13	0.28	0.37	0.27	0.19	0.27
LV0010R	cadmium	pm10	0.23	0.26	0.16	0.17	0.06	0.01	0.04	0.59	0.01	0.10	0.07	0.03	0.17
NL0008R	cadmium	aerosol	0.31	0.32	0.19	0.21	0.14	0.17	0.20	0.15	0.16	0.20	0.17	0.25	0.21
NL0009R	cadmium	aerosol	0.37	0.26	0.13	0.13	0.11	0.11	0.14	0.11	0.12	0.19	0.16	0.18	0.16
NL0010R	cadmium	aerosol	0.23	0.23	0.27	0.23	0.12	0.28	0.18	0.21	0.20	0.23	0.27	0.35	0.23
NO0002R	cadmium	pm10	0.07	0.05	0.03	0.05	0.02	0.02	0.03	0.02	0.06	0.07	0.02	0.04	0.04
NO0042G	cadmium	aerosol	0.01	0.04	0.04	0.01	0.01	0.01	0.02	0.01	0.00	-	0.01	0.01	0.01
NO0090R	cadmium	aerosol	0.02	0.08	0.02	0.01	0.01	0.00	0.03	0.01	0.01	0.01	0.01	0.01	0.02
PL0005R	cadmium	pm10	0.33	0.35	0.13	0.10	0.05	0.12	0.08	0.10	0.10	0.12	0.12	0.07	0.14
RO0008R	cadmium	aerosol	0.67	0.49	0.62	0.55	0.51	0.34	0.19	0.20	0.23	0.24	0.35	0.26	0.41
SE0005R	cadmium	aerosol	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SE0011R	cadmium	aerosol	0.08	0.04	0.04	0.07	0.07	0.07	0.05	0.06	0.00	0.01	0.01	0.04	0.05
SE0012R	cadmium	aerosol	0.13	0.09	0.06	0.07	0.08	0.02	0.04	0.05	0.05	0.08	0.03	0.08	0.07
SE0014R	cadmium	aerosol	0.09	0.09	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.04	0.03	0.03
SI0008R	cadmium	pm10	0.22	0.15	0.13	0.12	0.05	0.06	0.06	0.06	0.09	0.12	0.06	0.06	0.10
SI0008R	cadmium	pm25	0.24	0.16	0.14	0.12	0.06	0.08	0.08	0.08	0.10	0.14	0.08	0.07	0.11
SK0002R	cadmium	aerosol	0.02	0.01	0.04	0.07	0.03	0.05	0.08	0.04	0.10	0.04	0.02	0.02	0.04
SK0004R	cadmium	pm10	-	-	-	0.13	0.14	0.16	0.15	0.09	0.25	0.26	0.22	0.21	0.18
SK0006R	cadmium	pm10	0.31	0.46	0.28	0.18	0.13	0.10	0.12	0.12	0.14	0.19	0.17	0.26	0.20
SK0007R	cadmium	pm10	0.74	0.56	0.29	0.24	0.14	0.22	0.18	0.12	0.19	0.35	0.26	0.25	0.29
ES1778R	cerium	pm1	0.05	0.05	0.09	0.06	0.08	0.07	0.17	0.07	0.04	0.06	0.14	0.06	0.08
ES1778R	cerium	pm10	0.20	0.11	1.55	0.21	0.28	0.22	0.38	0.33	0.14	0.25	0.15	0.13	0.37
ES1778R	cerium	pm25	0.08	0.06	0.27	0.08	0.10	0.10	0.25	0.17	0.07	0.44	0.22	0.14	0.15

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
BE0014R	chromium	aerosol	4.16	3.46	3.72	3.99	2.31	3.39	3.61	3.18	3.51	2.77	3.10	3.92	3.43
CY0002R	chromium	pm10	1.40	2.44	0.75	0.87	2.37	1.00	1.87	2.03	1.92	1.52	3.62	1.19	1.72
DK0010G	chromium	aerosol	0.005	-0.129	0.014	0.006	-0.014	-0.011	0.017	0.199	0.053	0.047	0.030	-0.016	0.023
ES0001R	chromium	pm10	-	-	5.05	6.45	1.82	-	-	-	-	-	-	-	-
ES0006R	chromium	pm10	-	-	-	-	-	-	-	-	-	4.13	1.82	1.82	-
ES0007R	chromium	pm10	-	-	-	-	1.82	1.82	1.82	-	-	-	-	-	-
ES0008R	chromium	pm10	0.72	0.39	0.33	0.42	0.78	0.52	0.43	0.28	1.99	0.28	0.22	0.27	0.53
ES0009R	chromium	pm10	0.22	0.22	2.26	0.22	0.54	0.36	0.31	5.39	0.87	0.65	0.31	0.31	1.02
ES0014R	chromium	pm10	-	-	-	-	-	-	-	1.82	4.88	-	-	-	-
ES1778R	chromium	pm1	0.31	0.17	0.59	0.41	0.66	0.98	1.42	0.56	0.26	0.10	1.03	0.86	0.67
ES1778R	chromium	pm10	0.17	0.40	2.49	1.05	0.72	0.90	1.26	1.53	0.68	0.45	1.97	1.22	1.12
ES1778R	chromium	pm25	0.71	0.41	1.22	0.37	0.47	0.50	1.43	0.71	0.44	1.39	1.14	1.38	0.83
FI0017R	chromium	aerosol	0.63	0.91	0.18	0.51	0.66	0.03	0.33	0.41	0.18	0.27	0.03	0.44	0.38
FI0036R	chromium	aerosol	0.18	0.19	0.07	0.05	0.09	0.03	0.02	0.05	0.08	0.04	0.02	0.05	0.08
FI0037R	chromium	aerosol	0.17	0.29	0.08	0.10	0.12	0.09	0.22	0.11	0.07	0.10	0.13	0.21	0.14
FR0009R	chromium	aerosol	0.69	0.24	0.72	1.66	2.47	1.83	1.20	2.87	2.67	2.32	1.66	1.22	1.66
FR0013R	chromium	aerosol	0.68	1.12	2.10	2.29	3.78	2.60	2.28	1.20	1.10	1.33	0.34	0.59	1.65
GB0013R	chromium	pm10	0.12	0.19	1.48	1.90	2.11	0.56	0.12	0.49	0.12	0.28	0.12	0.12	0.64
GB0017R	chromium	pm10	2.47	0.76	1.44	2.89	2.01	0.93	0.13	0.12	0.23	0.12	0.16	0.13	0.91
GB0048R	chromium	pm10	1.10	1.11	0.13	0.12	0.74	1.09	0.47	0.12	0.12	0.41	0.12	0.12	0.47
GB0091R	chromium	pm10	1.19	0.39	0.19	0.12	1.21	0.13	0.45	0.12	0.12	0.69	0.12	0.12	0.42
NO0002R	chromium	pm10	0.33	0.43	0.15	0.51	0.25	0.15	0.62	0.40	0.41	0.73	0.33	0.35	0.39
NO0042G	chromium	aerosol	0.07	0.19	0.17	0.08	0.11	0.13	0.16	0.07	0.05	-	0.07	0.05	0.10
NO0090R	chromium	aerosol	3.35	0.25	0.14	0.16	0.15	0.14	0.22	0.14	0.14	0.14	0.14	0.13	0.44
PL0005R	chromium	pm10	0.55	0.68	0.35	0.42	0.33	0.23	0.72	0.55	0.25	0.46	0.46	0.75	0.48
SE0005R	chromium	aerosol	0.86	0.93	0.93	0.95	0.97	0.98	0.95	0.95	0.92	0.91	0.90	0.90	0.93
SE0011R	chromium	aerosol	0.13	0.14	0.12	0.12	0.11	0.33	0.23	0.22	0.24	0.52	0.14	0.33	0.21
SE0012R	chromium	aerosol	0.12	0.14	0.13	0.12	0.11	0.12	0.11	0.13	0.13	0.15	0.14	0.14	0.13
SE0014R	chromium	aerosol	0.84	0.95	0.93	0.92	0.93	0.95	0.97	0.96	0.96	0.94	0.93	0.94	0.93
SI0008R	chromium	pm10	1.92	2.26	2.04	2.19	1.80	2.18	1.80	1.80	1.94	1.91	1.80	1.80	1.95
SI0008R	chromium	pm25	1.80	2.01	1.80	2.07	2.04	1.94	1.80	1.80	1.94	1.80	1.80	1.80	1.88
SK0002R	chromium	aerosol	0.60	0.80	0.66	0.68	0.52	0.54	1.09	1.11	0.68	0.74	0.99	0.42	0.74
SK0004R	chromium	pm10	-	-	-	0.50	0.41	0.54	1.05	0.98	0.91	1.13	0.55	0.25	0.72
SK0006R	chromium	pm10	0.59	1.32	0.81	0.51	0.62	0.90	1.25	1.59	0.95	1.02	1.02	0.61	0.94
SK0007R	chromium	pm10	0.94	1.24	1.11	0.83	0.56	0.75	1.50	1.06	1.22	1.15	1.23	0.41	1.00
DE0001R	cobalt	pm10	0.080	0.052	0.086	0.089	0.051	0.067	0.083	0.051	0.049	0.068	0.032	0.042	0.063
DE0002R	cobalt	pm10	0.079	0.042	0.057	0.076	0.046	0.060	0.065	0.047	0.039	0.067	0.043	0.025	0.054
DE0007R	cobalt	pm10	0.108	0.076	0.063	0.079	0.065	0.044	0.065	0.063	0.049	0.068	0.033	0.032	0.062
DE0008R	cobalt	pm10	0.050	0.034	0.052	0.087	0.033	0.060	0.055	0.027	0.038	0.038	0.018	0.029	0.043
DE0009R	cobalt	aerosol	0.058	0.048	0.062	0.071	0.065	0.072	0.075	0.045	0.063	0.066	0.024	0.023	0.056
DE0009R	cobalt	pm10	0.058	0.048	0.062	0.071	0.065	0.074	0.070	0.045	0.063	0.066	0.024	0.023	0.056
ES1778R	cobalt	pm1	0.114	0.018	0.043	0.016	0.066	0.039	0.049	0.043	0.013	0.037	0.033	0.013	0.043
ES1778R	cobalt	pm10	0.073	0.050	0.329	0.051	0.067	0.076	0.115	0.111	0.094	0.100	0.070	0.050	0.104
ES1778R	cobalt	pm25	0.040	0.026	0.085	0.021	0.022	0.036	0.064	0.060	0.060	0.063	0.050	0.056	0.047
FI0017R	cobalt	aerosol	0.064	0.085	0.060	0.087	0.068	0.044	0.089	0.052	0.035	0.037	0.026	0.052	0.058
FI0036R	cobalt	aerosol	0.028	0.028	0.013	0.013	0.031	0.014	0.025	0.019	0.012	0.006	0.006	0.035	0.019
FI0037R	cobalt	aerosol	0.023	0.034	0.062	0.032	0.040	0.031	0.058	0.029	0.030	0.044	0.039	0.073	0.042

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
GB0048R	cobalt	pm10	0.039	0.050	0.048	0.035	0.044	0.031	0.018	0.031	0.032	0.018	0.018	0.018	0.032
NO0002R	cobalt	pm10	0.018	0.025	0.026	0.053	0.035	0.045	0.038	0.020	0.017	0.020	0.065	0.029	0.033
NO0042G	cobalt	aerosol	0.011	0.013	0.023	0.011	0.011	0.013	0.025	0.010	0.005	-	0.012	0.008	0.013
NO0090R	cobalt	aerosol	0.034	0.025	0.007	0.009	0.013	0.004	0.008	0.005	0.004	0.005	0.004	0.006	0.011
SE0005R	cobalt	aerosol	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE0011R	cobalt	aerosol	0.020	0.020	0.030	0.040	0.030	0.040	0.040	0.020	0.000	0.010	0.010	0.010	0.023
SE0012R	cobalt	aerosol	0.030	0.040	0.031	0.050	0.050	0.030	0.030	0.030	0.020	0.020	0.010	0.020	0.030
SE0014R	cobalt	aerosol	0.010	0.030	0.030	0.010	0.010	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.009
BE0014R	copper	aerosol	4.64	4.98	6.18	5.12	2.75	3.87	6.57	3.07	4.96	5.61	4.87	4.97	4.80
CZ0001R	copper	pm10	3.30	3.98	3.44	1.63	0.70	2.05	1.89	1.29	1.83	2.33	0.75	1.09	1.97
CZ0003R	copper	pm10	1.00	1.78	2.09	2.81	1.85	1.70	1.32	1.49	1.56	2.67	1.78	1.62	1.82
CZ0003R	copper	pm25	0.55	0.99	0.90	1.12	1.01	0.19	0.29	0.73	0.91	0.91	0.66	2.79	0.92
DE0001R	copper	pm10	3.21	2.11	1.79	1.91	0.95	1.34	2.23	1.61	2.40	3.04	2.29	1.72	2.05
DE0002R	copper	pm10	4.53	2.57	2.72	1.81	1.63	2.22	2.79	2.19	2.30	3.46	2.21	2.00	2.54
DE0003R	copper	pm10	0.75	0.81	1.71	3.05	1.30	2.60	2.69	1.67	1.77	2.04	0.47	0.82	1.64
DE0007R	copper	pm10	3.25	2.25	1.85	2.31	1.74	1.58	1.79	2.72	3.73	6.25	2.29	1.50	2.62
DE0008R	copper	pm10	1.58	1.33	2.73	1.91	1.34	2.36	2.38	1.48	1.81	1.95	0.77	1.43	1.76
DE0009R	copper	aerosol	1.90	1.64	1.82	1.27	1.18	2.14	3.19	3.41	2.07	2.22	1.18	1.20	1.92
DE0009R	copper	pm10	1.90	1.64	1.82	1.27	1.18	1.99	3.36	3.41	2.07	2.22	1.18	1.20	1.92
ES0001R	copper	pm10	-	-	34.40	66.20	24.95	-	-	-	-	-	-	-	-
ES0006R	copper	pm10	-	-	-	-	-	-	-	-	-	17	44	20	-
ES0007R	copper	pm10	-	-	-	-	22	29	29	-	-	-	-	-	-
ES0008R	copper	pm10	25	39	25	55	62	87	94	93	57	78	44	22	57
ES0009R	copper	pm10	1	1	3	2	2	2	4	3	5	4	2	1	3
ES0014R	copper	pm10	-	-	-	-	-	-	-	86	114	-	-	-	-
ES1778R	copper	pm1	2.16	0.98	1.04	1.21	4.46	1.26	1.04	0.93	1.12	1.93	1.66	1.96	1.69
ES1778R	copper	pm10	1.84	2.16	3.36	2.59	2.91	4.01	2.99	3.05	3.56	3.21	2.29	2.62	2.89
ES1778R	copper	pm25	2.90	1.48	1.34	1.47	2.00	1.69	2.88	1.24	1.25	2.35	2.73	2.78	2.03
FI0017R	copper	aerosol	1.90	1.58	0.71	1.48	1.22	0.53	1.50	1.09	0.83	0.97	0.59	1.40	1.15
FI0036R	copper	aerosol	0.37	0.61	0.28	0.27	0.72	0.25	0.22	0.61	0.15	0.17	0.20	0.77	0.40
FI0037R	copper	aerosol	0.51	0.61	0.43	0.41	0.41	0.28	0.72	0.39	0.46	0.46	0.29	0.69	0.47
FR0009R	copper	aerosol	0.30	0.11	1.52	4.15	3.55	4.09	2.34	2.13	2.51	2.19	3.95	3.25	2.58
FR0013R	copper	aerosol	1.65	1.71	1.70	1.48	1.63	1.62	1.28	2.50	1.60	2.48	1.17	3.41	1.87
GB0013R	copper	pm10	2.25	2.83	1.20	2.83	2.56	1.08	1.14	0.52	0.79	1.55	0.89	0.71	1.52
GB0017R	copper	pm10	2.12	2.96	3.33	2.38	2.14	1.68	1.98	1.52	1.93	1.87	2.05	0.98	2.05
GB0048R	copper	pm10	1.75	7.02	3.82	1.39	0.82	1.05	0.67	0.96	1.71	2.98	0.91	0.30	1.96
GB0091R	copper	pm10	0.85	1.19	1.72	1.27	2.14	1.40	2.53	1.17	0.47	0.47	0.61	0.95	1.25
NO0002R	copper	pm10	0.57	0.47	0.54	3.38	0.53	0.78	0.64	0.47	0.47	0.83	0.57	0.51	0.82
NO0042G	copper	aerosol	0.09	0.18	0.28	0.09	0.09	0.22	0.46	0.17	0.04	-	0.10	0.10	0.17
NO0090R	copper	aerosol	3.41	0.56	0.20	0.10	0.26	0.12	0.67	0.10	0.07	0.15	0.29	0.06	0.53
PL0005R	copper	pm10	0.73	1.18	0.80	0.89	0.57	0.67	1.13	1.20	0.79	1.16	0.61	0.48	0.86
SE0005R	copper	aerosol	0.13	0.02	0.09	0.02	0.02	0.02	0.10	0.13	0.02	0.02	0.02	0.02	0.05
SE0011R	copper	aerosol	0.75	0.44	0.78	0.95	0.61	1.44	1.11	0.99	0.20	0.33	0.53	0.45	0.72
SE0012R	copper	aerosol	0.83	0.73	0.58	0.58	0.68	0.43	0.52	0.40	0.59	0.55	0.42	0.74	0.59
SE0014R	copper	aerosol	1.97	0.69	0.39	0.39	0.19	0.18	0.52	0.18	0.31	0.44	0.31	0.42	0.51
SI0008R	copper	pm10	1.98	1.19	1.59	1.47	0.74	0.86	1.08	0.64	0.79	1.07	0.82	0.61	1.08
SI0008R	copper	pm25	1.98	1.14	1.59	1.47	0.77	0.89	1.08	0.64	0.82	1.07	0.82	0.60	1.08

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
SK0002R	copper	aerosol	0.47	0.47	0.54	0.83	0.54	0.72	1.11	0.58	0.53	3.10	0.81	0.43	0.86
SK0004R	copper	pm10	-	-	-	2.12	1.43	1.76	1.63	1.62	2.66	2.84	4.16	2.24	2.28
SK0006R	copper	pm10	1.92	2.21	1.91	1.61	1.23	1.24	1.28	1.61	1.32	1.53	1.95	2.12	1.65
SK0007R	copper	pm10	5.03	3.72	3.75	2.98	2.18	3.21	3.47	2.78	2.66	4.23	3.58	2.67	3.33
CY0002R	iron	pm10	667	1469	238	408	1711	632	551	543	626	509	939	635	716
DE0001R	iron	pm10	73	67	66	140	70	89	110	57	77	89	56	41	78
DE0002R	iron	pm10	98	81	102	130	82	108	163	80	93	139	74	55	101
DE0003R	iron	pm10	15	23	94	402	70	105	121	53	52	58	13	88	91
DE0007R	iron	pm10	85	79	72	137	83	70	112	61	68	97	41	31	78
DE0008R	iron	pm10	29	38	76	129	73	113	132	63	69	68	29	19	70
DE0009R	iron	aerosol	62	63	74	109	61	63	80	38	63	89	39	27	64
DE0009R	iron	pm10	62	63	74	109	61	62	87	38	63	89	39	27	65
DK0010G	iron	aerosol	15	7	15	19	10	10	14	14	4	9	5	8	11
ES1778R	iron	pm1	10	5	23	5	17	10	22	12	5	5	27	7	14
ES1778R	iron	pm10	31	45	714	99	126	115	209	207	169	113	49	49	178
ES1778R	iron	pm25	16	10	101	21	29	21	63	47	33	43	23	41	37
FI0017R	iron	aerosol	57	88	53	140	153	90	174	98	47	47	51	55	88
FI0036R	iron	aerosol	17	18	11	15	29	14	13	7	9	8	5	10	13
FI0037R	iron	aerosol	26	28	25	40	69	37	83	37	25	20	10	17	36
IS0002R	iron	aerosol	32	202	161	218	135	412	236	102	85	245	138	95	170
SI0008R	iron	pm10	41	41	34	54	39	54	42	32	30	38	30	29	39
SI0008R	iron	pm25	42	39	34	56	37	56	42	32	30	40	30	29	39
ES1778R	lanthanum	pm1	0.02	0.02	0.04	0.03	0.04	0.03	0.08	0.04	0.03	0.04	0.08	0.04	0.04
ES1778R	lanthanum	pm10	0.09	0.05	0.64	0.10	0.12	0.11	0.17	0.14	0.05	0.15	0.08	0.07	0.16
ES1778R	lanthanum	pm25	0.03	0.02	0.13	0.04	0.05	0.05	0.13	0.09	0.03	0.27	0.17	0.07	0.08
BE0014R	lead	aerosol	17.00	10.18	6.00	7.47	4.64	6.07	5.07	3.57	7.79	7.32	8.86	12.84	8.07
CY0002R	lead	pm10	19.09	5.71	4.09	5.23	3.50	2.66	3.77	4.76	3.32	2.90	20.83	14.53	6.54
CZ0001R	lead	pm10	10.79	7.19	5.63	5.14	2.62	3.69	5.68	1.62	3.14	7.27	3.59	3.45	4.88
CZ0003R	lead	pm10	11.00	8.23	4.76	4.70	2.58	2.79	2.45	1.60	2.38	7.03	3.47	7.75	4.83
CZ0003R	lead	pm25	9.99	6.92	3.94	3.79	2.11	2.04	1.93	1.30	2.27	5.51	2.83	4.52	3.84
DE0001R	lead	pm10	9.94	5.54	2.63	2.81	1.23	1.18	2.15	1.15	2.92	4.34	1.44	2.31	3.13
DE0002R	lead	pm10	21.16	10.49	4.54	4.49	2.20	1.82	2.90	3.03	4.01	8.31	4.09	6.06	6.08
DE0003R	lead	pm10	1.93	2.44	3.06	3.27	1.70	2.34	2.16	1.34	1.65	2.29	0.74	1.86	2.06
DE0007R	lead	pm10	19.75	11.04	4.50	5.35	2.29	2.08	2.84	2.30	5.15	10.51	4.42	5.43	6.32
DE0008R	lead	pm10	5.36	5.45	3.75	2.95	1.85	2.17	2.28	1.56	2.14	4.14	1.91	3.30	3.06
DE0009R	lead	aerosol	11.06	9.36	3.77	3.47	1.54	1.56	1.85	3.21	3.55	7.43	2.45	3.91	4.43
DE0009R	lead	pm10	11.06	9.36	3.77	3.47	1.54	1.46	2.10	3.21	3.55	7.43	2.45	3.91	4.44
DK0005R	lead	aerosol	11.40	5.51	2.61	2.59	1.83	1.36	2.10	-	-	-	-	-	-
DK0008R	lead	aerosol	2.86	3.78	0.40	1.74	1.00	1.06	1.57	0.80	1.52	3.40	0.66	2.00	1.84
DK0010G	lead	aerosol	0.73	0.79	0.59	0.47	0.13	0.08	0.04	0.04	0.02	0.06	0.10	0.26	0.26
DK0012R	lead	aerosol	-	-	-	-	-	-	0.23	1.46	2.44	5.31	1.32	3.03	2.72
ES0001R	lead	pm10	-	-	3.40	1.20	1.20	-	-	-	-	-	-	-	-
ES0006R	lead	pm10	-	-	-	-	-	-	-	-	-	2.45	2.00	8.40	-
ES0008R	lead	pm10	2.16	3.77	4.18	4.65	7.55	8.97	0.71	2.37	6.26	2.46	0.69	1.84	3.73
ES0009R	lead	pm10	0.74	0.40	3.31	1.40	1.46	1.34	1.57	1.02	2.07	1.63	0.46	0.34	1.33

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
ES0014R	lead	pm10	-	-	-	-	-	-	-	1.88	3.37	-	-	-	-
ES1778R	lead	pm1	1.89	1.35	1.89	1.47	2.01	1.99	1.31	0.83	1.17	2.60	1.04	1.02	1.53
ES1778R	lead	pm10	1.99	1.90	3.09	2.31	2.19	2.30	2.07	1.51	2.06	2.66	1.86	3.01	2.26
ES1778R	lead	pm25	2.51	1.70	2.70	1.92	2.06	1.86	2.40	1.11	1.41	3.49	1.59	1.73	2.03
FI0017R	lead	aerosol	7.36	7.61	2.08	5.48	3.93	1.34	3.76	2.77	2.45	3.02	2.53	5.91	4.00
FI0036R	lead	aerosol	2.58	2.07	0.51	0.38	0.72	0.17	0.33	0.34	0.43	0.50	0.58	0.88	0.80
FI0037R	lead	aerosol	2.75	2.94	1.13	1.34	1.56	0.44	1.34	0.88	1.05	1.41	0.71	2.93	1.54
FR0009R	lead	aerosol	0.06	0.01	3.25	8.72	7.94	9.20	3.60	2.92	4.23	4.35	6.53	5.44	4.84
FR0013R	lead	aerosol	3.00	3.28	3.15	2.91	2.35	2.59	1.53	2.41	2.02	3.60	1.89	4.00	2.72
GB0013R	lead	pm10	4.54	6.79	4.30	3.33	4.50	1.88	0.58	1.07	1.61	3.28	3.23	3.96	3.23
GB0017R	lead	pm10	4.51	4.57	6.45	4.77	2.64	2.89	3.60	2.98	4.67	4.94	13.40	6.04	5.14
GB0048R	lead	pm10	2.63	3.65	4.83	2.50	1.76	2.33	1.43	2.44	3.06	1.70	2.40	1.56	2.52
GB0091R	lead	pm10	1.95	1.90	4.57	2.64	2.21	3.44	4.28	0.86	0.88	2.65	6.51	1.20	2.75
HU0002R	lead	aerosol	12.44	10.73	8.90	8.54	5.21	4.52	5.96	4.31	5.55	9.44	8.32	5.96	7.46
LV0010R	lead	pm10	8.53	9.19	6.19	7.55	5.45	0.97	3.25	6.59	2.38	5.05	3.49	8.97	5.97
NL0008R	lead	aerosol	15.08	10.51	10.34	6.54	2.99	6.16	6.79	3.77	5.85	8.14	9.42	12.49	8.13
NL0009R	lead	aerosol	13.99	9.22	5.07	5.27	2.09	2.56	4.05	3.05	3.25	7.00	4.73	6.22	5.34
NL0010R	lead	aerosol	11.08	10.92	10.01	10.20	4.93	7.06	7.55	6.45	8.26	9.63	9.44	11.94	8.89
NO0002R	lead	pm10	1.99	1.46	1.03	1.28	0.80	0.79	1.12	1.16	1.76	2.75	6.07	2.07	1.88
NO0042G	lead	aerosol	0.71	1.55	1.02	0.24	0.22	0.11	0.09	0.05	0.03	-	0.17	0.30	0.38
NO0090R	lead	aerosol	1.06	2.92	0.57	0.30	0.51	0.21	0.18	0.12	0.10	0.34	0.18	0.12	0.58
PL0005R	lead	pm10	9.68	7.33	3.85	3.12	1.80	1.82	1.17	0.64	2.10	5.36	4.78	7.53	4.00
RO0008R	lead	aerosol	4.23	5.71	3.57	4.33	2.26	3.75	2.63	4.80	4.44	6.00	3.33	0.87	3.77
SE0005R	lead	aerosol	1.20	0.40	0.25	0.16	0.22	0.12	0.28	0.29	0.13	0.32	0.05	0.43	0.33
SE0011R	lead	aerosol	2.98	2.46	1.32	1.91	1.24	1.60	1.44	1.17	0.15	0.46	0.44	1.02	1.35
SE0012R	lead	aerosol	4.17	3.18	1.95	1.52	2.03	0.65	1.13	0.77	1.25	1.92	0.79	2.31	1.80
SE0014R	lead	aerosol	2.82	3.16	1.30	0.75	0.50	0.28	0.84	0.31	0.67	1.00	0.73	0.99	1.11
SI0008R	lead	pm10	5.85	3.95	3.65	2.96	1.92	2.17	2.88	1.82	2.38	3.88	1.91	2.18	2.98
SI0008R	lead	pm25	5.85	3.75	3.65	2.96	1.92	2.22	2.88	1.82	2.38	3.88	1.91	2.15	2.95
SK0002R	lead	aerosol	0.48	0.43	1.55	2.31	1.17	1.92	2.71	1.25	1.47	1.29	0.89	0.59	1.35
SK0004R	lead	pm10	-	-	-	5.13	4.64	4.14	4.38	3.36	5.78	8.62	10.80	9.00	6.32
SK0006R	lead	pm10	8.00	11.53	7.47	5.75	4.40	2.73	2.87	3.93	4.08	5.76	5.49	10.42	5.98
SK0007R	lead	pm10	23.54	18.61	11.04	9.03	7.27	9.78	6.72	4.49	6.16	12.12	8.21	10.51	10.40
ES1778R	lithium	pm1	0.009	0.005	0.033	0.005	0.033	0.014	0.012	0.024	0.020	0.040	0.034	0.011	0.020
ES1778R	lithium	pm10	0.035	0.059	0.973	0.104	0.130	0.126	0.218	0.243	0.200	0.190	0.088	0.071	0.223
ES1778R	lithium	pm25	0.024	0.017	0.116	0.030	0.034	0.024	0.056	0.059	0.062	0.057	0.053	0.070	0.050
GB0048R	lithium	pm10	0.051	0.062	0.043	0.044	0.048	0.047	0.043	0.056	0.037	0.033	0.021	0.017	0.042
BE0014R	manganese	aerosol	7.82	6.25	7.09	11.36	7.66	15.95	21.66	6.98	7.61	6.48	8.24	6.72	9.52
CY0002R	manganese	pm10	12.6	24.6	6.0	8.3	26.9	12.8	13.7	15.1	13.8	10.6	21.0	15.3	14.8
CZ0001R	manganese	pm10	1.78	2.18	4.29	5.02	1.55	3.73	5.71	2.18	2.35	3.11	1.26	1.18	2.90
CZ0003R	manganese	pm10	4.14	5.03	7.09	7.42	3.45	3.90	3.81	4.03	4.26	4.90	4.48	2.61	4.68
CZ0003R	manganese	pm25	1.49	2.21	2.55	2.18	1.03	1.05	1.06	1.21	1.54	1.97	1.96	1.65	1.66
DE0001R	manganese	pm10	2.24	1.88	1.94	3.70	1.97	2.45	3.15	1.63	2.16	2.59	1.47	1.44	2.22
DE0002R	manganese	pm10	3.90	3.16	2.95	3.78	2.31	3.16	4.97	2.56	2.88	4.25	2.06	2.35	3.20
DE0003R	manganese	pm10	0.65	1.12	2.29	9.56	2.06	2.81	2.19	1.51	1.42	1.76	0.48	11.82	3.23
DE0007R	manganese	pm10	3.49	3.00	2.28	4.00	2.87	2.35	4.26	2.40	2.80	3.98	1.80	1.56	2.91

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
DE0008R	manganese	pm10	1.14	1.48	2.22	3.69	2.22	2.86	3.49	1.58	1.86	2.11	0.86	1.09	2.06
DE0009R	manganese	aerosol	2.48	2.64	2.31	3.10	1.75	1.89	2.68	1.44	1.86	3.31	1.29	1.46	2.20
DE0009R	manganese	pm10	2.48	2.64	2.31	3.10	1.75	1.84	2.80	1.44	1.86	3.31	1.29	1.46	2.20
DK0010G	manganese	aerosol	0.52	0.39	0.37	0.42	0.16	0.12	0.17	0.13	0.05	0.19	0.07	0.13	0.22
ES1778R	manganese	pm1	0.61	0.44	0.71	0.37	1.83	0.55	0.92	0.74	0.49	0.77	1.04	0.61	0.80
ES1778R	manganese	pm10	1.92	1.92	12.45	2.28	3.21	2.81	4.81	3.70	3.58	3.90	2.77	2.54	4.01
ES1778R	manganese	pm25	1.20	0.82	2.18	0.72	1.13	0.92	2.13	1.10	1.13	1.84	1.71	1.52	1.36
FI0017R	manganese	aerosol	2.65	3.46	1.58	3.76	3.67	1.87	4.85	3.07	1.47	1.68	1.03	2.44	2.63
FI0036R	manganese	aerosol	0.72	0.74	0.27	0.37	0.71	0.33	0.55	0.26	0.33	0.25	0.09	0.36	0.40
FI0037R	manganese	aerosol	1.37	1.45	0.90	1.11	1.88	1.03	2.38	1.24	0.97	0.92	0.52	1.09	1.25
GB0048R	manganese	pm10	1.63	1.93	1.29	1.18	1.13	0.96	0.88	1.73	1.40	0.84	0.58	0.31	1.15
NO0042G	manganese	aerosol	0.52	0.49	0.41	0.42	0.32	0.48	1.13	0.30	0.15	-	0.44	0.31	0.45
NO0090R	manganese	aerosol	1.00	0.81	0.29	0.33	0.51	0.20	0.38	0.12	0.15	0.21	0.25	0.15	0.38
SE0005R	manganese	aerosol	0.04	0.06	0.05	0.06	0.06	0.05	0.55	0.29	0.05	0.05	0.05	0.05	0.11
SE0011R	manganese	aerosol	1.00	0.61	0.99	1.96	1.35	1.69	2.45	1.27	0.34	0.40	0.38	0.50	1.14
SE0012R	manganese	aerosol	1.93	1.72	1.79	2.09	2.76	1.72	1.78	1.01	1.46	1.54	0.75	1.30	1.66
SE0014R	manganese	aerosol	1.69	1.81	1.03	0.80	0.81	0.44	0.90	0.06	0.50	0.48	0.39	0.64	0.79
CZ0003R	mercury	air	0.62	0.33	0.41	0.53	0.87	0.28	0.99	0.37	0.23	0.37	0.21	0.37	0.48
DK0010G	mercury	air	1.65	1.54	1.34	1.29	1.38	-	-	-	-	-	-	-	-
DE0002R	total_gaseous_mercury	air	1.94	1.87	1.68	1.65	1.48	1.57	1.79	1.68	1.47	1.58	1.53	1.71	1.66
DE0003R	total_gaseous_mercury	air	1.61	1.70	1.75	1.74	1.60	1.67	1.73	1.45	1.54	1.46	1.46	1.55	1.60
DE0008R	total_gaseous_mercury	air	1.78	1.90	1.76	1.72	1.70	1.64	1.67	1.57	1.52	1.62	1.68	1.76	1.69
DE0009R	total_gaseous_mercury	air	1.73	1.82	1.60	1.52	1.63	1.53	1.65	1.57	1.54	1.90	1.50	1.54	1.62
ES0001R	total_gaseous_mercury	air	-	-	0.78	0.76	0.78	-	-	-	-	-	-	-	-
ES0007R	total_gaseous_mercury	air	-	-	-	-	0.59	0.67	-	-	-	-	-	-	-
ES0008R	total_gaseous_mercury	air	-	0.70	0.80	-	-	-	-	-	-	-	-	-	-
ES0014R	total_gaseous_mercury	air	-	-	-	-	-	-	-	1.04	0.99	-	-	-	-
GB0048R	total_gaseous_mercury	air	1.16	0.77	0.47	0.48	0.44	0.66	0.79	0.67	0.48	0.52	0.50	0.55	0.63
NO0001R	mercury	air	-	-	-	-	1.76	1.65	1.76	1.60	1.48	1.65	1.70	1.73	-
NO0042G	mercury	air	1.65	1.63	1.55	1.42	1.45	1.54	1.58	1.60	1.60	1.52	1.56	1.64	1.56
NO0058G	mercury	air	0.79	0.90	1.01	1.01	0.97	0.98	1.03	1.02	0.96	0.89	0.77	0.83	0.93
NO0090R	mercury	air	1.77	1.83	1.76	1.70	1.63	1.64	1.64	1.54	1.62	1.56	1.65	1.66	1.67
PL0005R	mercury	air	1.23	3.20	1.42	1.03	0.63	1.44	1.06	0.80	1.00	1.13	1.04	1.50	1.28
BE0013R	mercury	air+aerosol	-	-	-	-	-	0.50	0.40	0.30	0.60	0.80	0.80	0.90	-
FI0036R	mercury	air+aerosol	1.50	1.52	1.51	1.38	1.37	1.41	1.23	1.31	1.17	1.24	1.27	1.48	1.37
SE0005R	mercury	air+aerosol	1.50	-	1.73	1.60	1.68	1.52	1.50	1.22	1.13	1.18	1.34	1.35	1.43
SE0011R	mercury	air+aerosol	1.65	1.67	1.46	1.55	1.33	1.36	1.53	1.30	1.17	1.33	1.30	1.63	1.43
SE0014R	mercury	air+aerosol	1.77	1.74	1.50	1.59	1.43	1.49	1.58	1.46	1.33	1.27	1.24	1.46	1.48
FI0036R	mercury	aerosol	2.25	3.96	1.65	0.90	0.25	1.71	3.83	1.12	2.11	1.49	0.40	1.59	1.64
GB0048R	mercury	aerosol	0.63	0.34	0.04	0.91	1.18	-	-	-	-	-	-	-	-
SE0014R	mercury	aerosol	7.34	5.89	7.57	8.14	8.13	5.49	8.27	5.33	4.44	12.99	3.80	8.21	7.22
CY0002R	mercury	pm10	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044
CZ0003R	mercury	pm10	0.038	0.025	0.019	0.015	0.007	0.008	0.010	0.007	0.010	0.017	0.010	-	-
ES0001R	mercury	pm10	-	-	0.005	0.006	0.006	-	-	-	-	-	-	-	-
ES0006R	mercury	pm10	-	-	-	-	-	-	-	-	-	0.007	0.006	0.006	-
ES0008R	mercury	pm10	-	0.008	0.012	-	-	-	-	-	-	-	-	-	-
ES0014R	mercury	pm10	-	-	-	-	-	-	-	0.003	0.002	-	-	-	-

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
GB0013R	mercury	pm10	1.63	1.48	0.77	0.18	0.10	0.18	0.75	0.97	1.43	1.18	1.10	1.42	0.91
GB0017R	mercury	pm10	1.09	0.12	0.42	0.37	0.57	0.44	0.83	3.48	0.06	0.11	0.65	0.75	0.65
GB0091R	mercury	pm10	0.16	0.73	2.53	1.87	0.78	0.91	2.06	26.16	0.60	0.59	0.63	0.73	2.41
DE0002R	mercury	pm25	32.32	16.99	7.58	7.34	4.11	6.85	6.79	4.57	5.21	11.48	7.29	14.18	10.42
DE0002R	reactive_gaseous_mercury	air	4.98	4.80	1.17	2.11	1.62	3.33	4.89	1.13	0.88	1.12	0.78	3.05	2.46
GB0048R	reactive_gaseous_mercury	air	0.01	0.64	0.21	2.41	0.83	0.28	0.04	0.09	0.06	0.26	0.46	1.51	0.57
BE0014R	nickel	aerosol	4.81	3.31	4.08	6.90	5.36	6.11	5.23	3.76	3.21	2.46	2.80	4.76	4.41
CY0002R	nickel	pm10	2.46	0.85	1.02	0.21	0.94	0.11	3.57	5.57	2.91	3.17	4.37	0.01	2.22
CZ0001R	nickel	pm10	0.41	0.35	0.41	0.25	0.92	0.80	0.60	0.28	0.38	0.27	0.38	0.10	0.44
CZ0003R	nickel	pm10	1.10	0.93	0.51	0.55	0.26	0.68	0.43	0.28	0.27	0.39	0.24	0.39	0.51
CZ0003R	nickel	pm25	1.00	0.59	0.34	0.27	0.16	0.42	0.46	0.33	0.22	0.45	0.16	0.48	0.40
DE0001R	nickel	pm10	1.20	1.43	2.63	2.67	2.59	1.99	1.48	0.54	0.78	0.85	0.59	1.14	1.49
DE0003R	nickel	pm10	0.22	0.21	0.49	1.05	0.41	0.83	1.70	1.00	0.52	0.32	0.34	1.05	0.68
DE0007R	nickel	pm10	1.32	1.07	0.66	2.52	1.22	1.74	1.69	1.09	1.10	0.61	0.60	0.57	1.18
DE0008R	nickel	pm10	0.42	0.58	0.69	0.52	0.27	0.79	1.01	1.07	1.20	0.96	1.78	0.45	0.81
DE0009R	nickel	aerosol	1.12	1.03	1.77	2.60	2.94	3.02	1.27	1.39	1.31	1.04	1.11	2.45	1.75
DE0009R	nickel	pm10	1.12	1.03	1.77	2.60	2.94	3.18	1.26	1.39	1.31	1.04	1.11	2.45	1.77
DK0005R	nickel	aerosol	1.57	1.83	1.72	1.79	1.25	3.99	5.11	-	-	-	-	-	-
DK0008R	nickel	aerosol	1.00	2.75	0.91	1.95	2.17	1.30	2.13	1.49	0.98	-1.15	0.68	1.91	1.37
DK0010G	nickel	aerosol	0.06	0.07	0.04	0.02	0.01	-0.04	-0.05	0.60	-0.04	-0.01	0.24	0.05	0.08
DK0012R	nickel	aerosol	-	-	-	-	-	-	0.61	1.12	1.00	1.32	0.50	0.73	0.94
ES0001R	nickel	pm10	-	-	3.00	1.55	0.34	-	-	-	-	-	-	-	-
ES0006R	nickel	pm10	-	-	-	-	-	-	-	-	-	2.32	2.46	2.37	-
ES0008R	nickel	pm10	1.09	0.71	0.92	1.20	1.94	1.93	1.24	1.00	3.01	1.15	0.86	0.45	1.26
ES0009R	nickel	pm10	0.50	0.35	1.49	0.41	0.41	0.49	0.62	0.53	0.94	0.57	0.19	0.13	0.56
ES0014R	nickel	pm10	-	-	-	-	-	-	-	0.58	1.60	-	-	-	-
ES1778R	nickel	pm1	0.31	0.40	0.70	0.46	1.00	0.82	1.24	0.97	0.74	0.46	1.61	0.83	0.84
ES1778R	nickel	pm10	0.15	0.65	1.47	0.78	1.01	1.24	1.58	1.62	1.87	1.10	1.91	1.51	1.22
ES1778R	nickel	pm25	0.62	0.51	0.86	0.42	0.86	0.99	1.46	1.31	2.33	0.86	1.64	1.55	1.07
FI0017R	nickel	aerosol	1.88	1.78	1.14	1.77	1.05	0.93	1.07	0.72	0.45	0.54	0.51	1.07	1.07
FI0036R	nickel	aerosol	0.71	0.82	0.26	0.27	0.73	0.23	0.18	0.31	0.09	0.05	0.12	0.86	0.40
FI0037R	nickel	aerosol	0.68	0.70	0.41	0.36	0.23	0.18	0.39	0.26	0.26	0.22	0.23	0.47	0.37
FR0009R	nickel	aerosol	0.73	0.28	0.46	1.10	1.29	1.16	0.95	1.39	0.89	0.85	0.69	0.80	0.89
FR0013R	nickel	aerosol	0.35	0.65	0.94	0.85	1.47	0.81	0.60	0.92	0.75	0.86	0.27	0.53	0.77
GB0013R	nickel	pm10	0.52	1.00	0.68	0.61	1.48	0.50	0.51	0.68	0.92	0.71	0.21	0.40	0.68
GB0017R	nickel	pm10	0.79	0.63	0.77	1.42	1.16	2.08	2.00	0.58	1.24	0.90	0.55	1.08	1.11
GB0091R	nickel	pm10	0.34	0.71	0.93	0.25	0.33	0.52	1.30	0.13	0.34	0.62	0.10	0.13	0.48
LV0010R	nickel	pm10	1.16	0.20	0.42	0.20	2.38	7.31	2.10	1.79	0.20	0.20	0.20	3.65	1.56
NL0008R	nickel	aerosol	2.22	1.61	2.28	2.27	1.72	1.87	1.90	1.20	1.47	1.35	1.15	1.45	1.70
NL0009R	nickel	aerosol	1.15	1.18	1.74	1.72	1.67	2.18	1.79	0.98	0.86	1.04	1.03	0.87	1.36
NL0010R	nickel	aerosol	2.05	1.38	1.70	1.76	0.98	1.57	1.49	1.03	1.42	1.32	0.90	1.50	1.41
NO0002R	nickel	pm10	0.40	0.52	0.57	0.80	0.44	0.60	0.78	0.39	0.28	0.37	0.57	0.38	0.50
NO0042G	nickel	aerosol	0.07	0.18	0.15	0.07	0.20	0.28	0.41	0.06	0.03	-	0.06	0.05	0.14
NO0090R	nickel	aerosol	2.20	0.60	0.09	0.03	0.18	0.09	0.18	0.09	0.08	0.07	0.04	0.05	0.32
PL0005R	nickel	pm10	0.68	1.04	0.82	0.42	0.64	0.42	0.56	0.55	0.71	0.50	0.69	0.45	0.62
RO0008R	nickel	aerosol	2.35	2.35	2.80	1.58	3.31	2.08	1.11	0.76	0.58	1.12	1.51	1.51	1.85

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
SE0005R	nickel	aerosol	0.46	0.50	0.50	0.50	0.51	0.52	0.50	0.51	0.49	0.48	0.48	0.48	0.49
SE0011R	nickel	aerosol	0.41	0.39	0.84	0.64	0.83	1.07	0.49	0.61	0.13	0.04	0.07	0.15	0.49
SE0012R	nickel	aerosol	0.83	0.78	0.63	0.81	0.92	0.72	0.52	0.36	0.07	0.08	0.09	0.38	0.52
SE0014R	nickel	aerosol	0.45	0.51	0.49	0.49	0.49	0.51	0.52	0.51	0.51	0.50	0.50	0.50	0.50
SI0008R	nickel	pm10	1.68	1.98	1.55	1.42	1.89	1.73	1.55	1.97	1.29	1.16	1.36	4.19	1.78
SI0008R	nickel	pm25	1.68	1.63	1.55	1.42	1.89	1.76	1.52	1.97	1.29	1.16	1.36	3.93	1.75
SK0002R	nickel	aerosol	0.48	0.40	0.40	0.46	0.37	0.39	0.43	0.45	0.28	0.27	0.59	0.30	0.40
SK0004R	nickel	pm10	-	-	-	0.61	0.40	0.54	0.38	0.43	0.37	0.43	0.57	0.40	0.44
SK0006R	nickel	pm10	0.80	0.82	0.59	0.50	0.52	0.62	0.46	0.58	0.41	0.52	0.79	0.80	0.62
SK0007R	nickel	pm10	0.89	1.09	0.71	0.88	0.60	0.67	0.62	0.45	0.43	0.64	0.83	0.78	0.71
ES1778R	rubidium	pm1	0.06	0.05	0.09	0.05	0.06	0.06	0.07	0.10	0.06	0.10	0.05	0.07	0.07
ES1778R	rubidium	pm10	0.09	0.14	1.46	0.25	0.26	0.28	0.51	0.50	0.40	0.35	0.13	0.10	0.40
ES1778R	rubidium	pm25	0.07	0.07	0.25	0.08	0.08	0.08	0.13	0.18	0.12	0.18	0.12	0.14	0.12
DK0010G	selenium	aerosol	0.05	0.04	0.06	0.05	0.02	0.01	0.01	0.00	0.00	0.01	0.00	0.02	0.02
ES1778R	selenium	pm1	0.10	0.07	0.12	0.13	0.16	0.07	0.07	0.11	0.09	0.10	0.06	0.02	0.09
ES1778R	selenium	pm10	0.11	0.09	0.21	0.16	0.21	0.16	0.23	0.22	0.28	0.18	0.11	0.08	0.17
ES1778R	selenium	pm25	0.09	0.10	0.14	0.11	0.16	0.08	0.08	0.16	0.15	0.16	0.08	0.08	0.11
GB0048R	selenium	pm10	0.48	0.57	0.36	0.38	0.40	0.40	0.26	0.31	0.30	0.34	0.22	0.30	0.36
ES1778R	strontium	pm1	0.11	0.10	0.26	0.05	0.17	0.12	0.39	0.19	0.17	0.04	0.30	0.14	0.18
ES1778R	strontium	pm10	0.52	0.61	7.32	0.81	1.05	0.91	0.98	1.94	1.63	1.63	0.52	0.43	1.67
ES1778R	strontium	pm25	0.21	0.16	1.00	0.14	0.28	0.20	0.65	0.51	0.38	0.42	0.40	0.32	0.39
GB0048R	strontium	pm10	0.69	0.67	0.89	0.73	0.75	0.74	0.74	0.73	0.66	0.64	0.71	0.37	0.69
DE0002R	thallium	pm10	0.192	0.039	0.033	0.015	0.003	0.028	0.014	0.018	0.016	0.034	0.017	0.036	0.037
DE0003R	thallium	pm10	0.021	0.017	0.024	0.020	0.009	0.014	0.012	0.011	0.007	0.015	0.003	0.006	0.013
DE0007R	thallium	pm10	0.195	0.055	0.040	0.028	0.009	0.008	0.019	0.013	0.005	0.054	0.031	0.030	0.041
DE0008R	thallium	pm10	0.056	0.037	0.031	0.017	0.010	0.019	0.018	0.014	0.012	0.030	0.014	0.021	0.023
ES1778R	thallium	pm1	0.005	0.005	0.024	0.016	0.005	0.009	0.005	0.005	0.005	0.005	0.005	0.005	0.008
ES1778R	thallium	pm10	0.005	0.009	0.037	0.010	0.014	0.018	0.011	0.009	0.017	0.005	0.005	0.005	0.013
ES1778R	thallium	pm25	0.005	0.005	0.029	0.005	0.005	0.010	0.015	0.005	0.005	0.017	0.005	0.005	0.009
ES1778R	thorium	pm1	0.010	0.018	0.023	0.019	0.016	0.014	0.061	0.019	0.015	0.017	0.029	0.005	0.022
ES1778R	thorium	pm10	0.092	0.030	0.235	0.054	0.044	0.044	0.072	0.047	0.043	0.060	0.029	0.034	0.070
ES1778R	thorium	pm25	0.020	0.015	0.049	0.022	0.028	0.026	0.092	0.021	0.014	0.017	0.030	0.032	0.031
ES1778R	tin	pm1	0.40	0.33	0.40	0.42	0.58	0.69	0.44	0.55	0.51	0.50	0.24	0.30	0.45
ES1778R	tin	pm10	0.43	0.50	0.76	0.74	0.81	1.06	0.90	0.86	0.85	0.84	0.42	2.74	0.94
ES1778R	tin	pm25	0.41	0.38	0.56	0.53	0.62	0.79	0.74	0.74	0.51	2.93	0.31	0.14	0.60
GB0048R	tin	pm10	0.69	0.85	3.23	0.47	0.35	0.43	0.14	0.30	0.21	0.17	0.22	2.69	0.82
ES1778R	titanium	pm1	0.001	0.000	0.003	0.000	0.001	0.000	0.002	0.001	0.001	0.001	0.002	0.001	0.001
ES1778R	titanium	pm10	0.004	0.004	0.071	0.008	0.011	0.008	0.020	0.018	0.014	0.010	0.004	0.004	0.016
ES1778R	titanium	pm25	0.002	0.001	0.009	0.002	0.002	0.001	0.004	0.004	0.002	0.002	0.003	0.005	0.003
GB0048R	titanium	pm10	1.189	2.573	1.512	2.005	2.676	1.744	1.118	1.429	1.044	0.768	1.057	0.251	1.446

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
ES1778R	uranium	pm1	0.026	0.040	0.039	0.037	0.031	0.028	0.167	0.026	0.013	0.022	0.104	0.011	0.051
ES1778R	uranium	pm10	0.144	0.053	0.124	0.057	0.031	0.048	0.052	0.043	0.048	0.040	0.098	0.074	0.069
ES1778R	uranium	pm25	0.047	0.034	0.060	0.041	0.047	0.044	0.214	0.037	0.020	0.067	0.110	0.074	0.066
GB0048R	uranium	pm10	0.006	0.007	0.006	0.006	0.006	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006
CY0002R	vanadium	pm10	5.80	5.67	2.50	3.20	6.48	3.31	4.77	5.65	3.58	2.86	8.18	4.15	4.55
DE0001R	vanadium	pm10	1.98	2.30	3.76	2.53	2.04	2.48	1.97	0.89	0.91	1.03	0.60	0.82	1.77
DE0002R	vanadium	pm10	1.42	1.27	0.98	1.22	1.36	1.24	0.93	0.64	0.59	0.75	0.47	0.69	0.96
DE0003R	vanadium	pm10	0.24	0.27	0.52	1.08	0.47	0.67	0.59	0.34	0.27	0.28	0.06	0.20	0.42
DE0007R	vanadium	pm10	1.97	1.56	0.97	1.30	1.60	1.18	0.82	0.62	0.57	0.70	0.46	0.55	1.02
DE0008R	vanadium	pm10	0.34	0.43	0.50	0.63	0.54	0.67	0.59	0.29	0.33	0.33	0.15	0.26	0.42
DE0009R	vanadium	aerosol	2.41	2.24	4.07	4.57	5.38	5.36	2.15	1.51	1.14	1.12	0.65	0.93	2.61
DE0009R	vanadium	pm10	2.41	2.24	4.07	4.57	5.38	5.72	2.00	1.51	1.14	1.12	0.65	0.93	2.64
ES1778R	vanadium	pm1	0.46	0.62	0.96	0.69	1.17	1.75	2.21	1.72	2.47	1.15	0.23	0.27	1.08
ES1778R	vanadium	pm10	0.92	1.34	3.27	1.26	1.85	2.46	3.61	2.79	3.08	2.67	0.80	1.22	2.11
ES1778R	vanadium	pm25	0.67	0.88	1.29	0.81	1.47	2.00	2.59	2.27	2.43	1.53	0.39	0.88	1.31
FI0017R	vanadium	aerosol	4.72	4.03	2.33	3.66	1.93	1.75	1.79	1.04	0.71	0.65	0.98	2.26	2.14
FI0036R	vanadium	aerosol	1.48	1.54	0.28	0.27	0.55	0.10	0.22	0.11	0.11	0.09	0.28	0.81	0.49
FI0037R	vanadium	aerosol	1.68	1.35	0.63	0.63	0.37	0.26	0.53	0.30	0.31	0.29	0.31	0.93	0.63
GB0048R	vanadium	pm10	0.55	0.59	1.25	0.66	2.31	0.60	0.57	0.41	0.41	0.35	0.28	0.27	0.68
NO0002R	vanadium	pm10	0.68	0.79	1.01	1.23	0.68	0.80	1.02	0.35	0.32	0.27	0.16	0.24	0.61
NO0042G	vanadium	aerosol	0.06	0.29	0.16	0.08	0.07	0.16	0.10	0.04	0.02	-	0.05	0.07	0.10
NO0090R	vanadium	aerosol	0.15	1.26	0.20	0.17	0.20	0.13	0.21	0.13	0.15	0.11	0.09	0.09	0.25
SE0005R	vanadium	aerosol	0.50	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
SE0011R	vanadium	aerosol	0.80	0.60	1.40	1.40	1.80	1.80	1.00	0.70	0.00	0.10	0.10	0.20	0.87
SE0012R	vanadium	aerosol	1.30	1.20	1.02	1.65	1.90	1.09	0.90	0.61	0.40	0.40	0.31	0.50	0.95
SE0014R	vanadium	aerosol	0.80	1.40	1.70	1.00	1.10	1.00	0.80	0.30	0.40	0.40	0.20	0.30	0.79
BE0014R	zinc	aerosol	41.56	29.22	16.14	17.14	10.19	18.82	17.70	9.65	27.41	24.12	36.17	33.87	23.42
DE0001R	zinc	pm10	27.31	21.65	14.87	7.59	1.77	3.57	5.49	4.60	7.18	14.55	5.94	11.67	10.47
DE0002R	zinc	pm10	55.06	29.50	16.14	11.87	4.77	5.53	9.90	10.23	9.93	23.07	13.04	24.85	17.80
DE0003R	zinc	pm10	20.14	11.90	18.21	23.10	17.25	18.10	12.78	5.21	8.07	25.89	6.35	14.83	15.19
DE0007R	zinc	pm10	54.04	27.28	10.65	16.93	9.74	6.41	5.76	12.52	16.82	32.69	16.17	26.02	19.51
DE0008R	zinc	pm10	18.45	18.60	15.41	9.73	6.13	9.87	10.00	8.17	9.00	12.18	6.17	14.39	11.49
DE0009R	zinc	aerosol	33.73	24.60	17.49	10.76	6.23	8.70	6.73	8.74	11.07	23.40	10.82	11.10	14.44
DE0009R	zinc	pm10	33.73	24.60	17.49	10.76	6.23	9.27	7.49	8.74	11.07	23.40	10.82	11.10	14.56
DK0010G	zinc	aerosol	0.97	0.99	0.59	0.65	0.31	0.24	0.40	-0.02	0.44	0.12	0.00	0.12	0.39
ES0006R	zinc	pm10	-	-	-	-	-	-	-	-	-	12.73	3.33	4.20	6.61
ES0008R	zinc	pm10	9.64	16.65	16.42	17.46	23.88	24.97	5.72	6.63	25.94	9.68	3.40	5.80	13.52
ES0009R	zinc	pm10	3.52	1.77	7.04	3.64	3.54	7.69	5.20	5.69	6.71	6.45	1.03	6.07	5.01
ES0014R	zinc	pm10	-	-	-	-	-	-	-	7.83	8.51	-	-	-	8.12
ES1778R	zinc	pm1	5.44	4.07	5.21	3.90	6.90	6.14	7.26	5.18	6.42	7.47	1.06	2.72	5.00
ES1778R	zinc	pm10	11.82	7.82	11.08	8.94	7.49	12.83	8.53	10.27	12.89	11.61	3.80	6.67	9.44
ES1778R	zinc	pm25	7.05	5.57	7.84	7.53	6.67	6.89	11.25	6.98	7.61	15.07	2.48	4.37	6.90
FI0017R	zinc	aerosol	21.08	20.14	7.82	13.13	14.98	4.84	9.80	8.69	8.31	11.45	6.70	21.46	12.33
FI0036R	zinc	aerosol	5.52	5.61	1.25	1.06	1.75	0.62	1.90	0.83	1.56	2.03	0.77	2.27	2.06
FI0037R	zinc	aerosol	8.90	9.66	4.61	5.16	5.10	2.07	4.94	3.32	4.95	6.66	3.78	10.24	5.78

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
FR0009R	zinc	aerosol	2.80	0.62	14.25	26.79	26.48	33.80	20.87	20.05	17.36	18.19	29.06	19.66	19.73
FR0013R	zinc	aerosol	6.31	9.14	9.19	9.31	8.86	11.71	14.12	14.60	8.20	11.16	9.22	10.60	10.34
GB0013R	zinc	pm10	7.89	9.08	4.43	4.29	6.57	6.08	3.00	3.31	4.95	8.05	2.99	2.99	5.27
GB0017R	zinc	pm10	10.05	7.70	8.22	7.37	5.09	7.17	7.25	6.40	9.43	11.54	11.82	7.44	8.33
GB0048R	zinc	pm10	6.17	7.85	4.24	2.99	3.99	3.36	2.96	4.51	7.39	5.82	4.33	2.96	4.70
GB0091R	zinc	pm10	2.98	3.52	6.97	3.86	3.36	4.43	7.20	3.00	3.00	3.78	3.00	3.00	4.05
NL0008R	zinc	aerosol	42.18	42.51	28.19	24.70	12.02	22.78	29.87	19.98	44.73	50.87	54.57	50.98	34.97
NL0009R	zinc	aerosol	38.07	43.30	16.66	16.15	18.03	15.86	19.02	16.03	36.91	47.81	34.98	42.94	27.80
NL0010R	zinc	aerosol	43.18	47.27	41.37	35.09	15.00	36.40	34.25	29.29	43.81	67.82	50.48	61.19	41.83
NO0002R	zinc	pm10	6.07	5.52	3.13	4.83	2.80	2.33	2.29	1.69	4.48	9.62	2.08	3.71	4.06
NO0042G	zinc	aerosol	0.82	2.41	2.07	0.56	0.52	1.05	2.25	0.35	0.14	-	0.52	0.62	1.01
NO0090R	zinc	aerosol	1.66	5.47	1.25	0.54	0.87	0.41	1.67	0.35	0.54	1.19	0.78	0.86	1.34
PL0005R	zinc	pm10	40.50	27.95	18.60	9.88	5.91	4.65	10.79	13.24	9.75	18.02	8.66	25.16	15.78
SE0005R	zinc	aerosol	3.50	1.70	4.90	0.25	0.25	1.60	0.25	0.25	0.25	0.25	0.25	3.30	1.41
SE0011R	zinc	aerosol	10.30	4.70	5.30	6.80	5.30	9.00	4.60	8.40	0.60	1.70	2.30	4.30	5.30
SE0012R	zinc	aerosol	13.60	9.30	5.61	6.08	6.50	2.98	4.10	2.85	3.90	6.40	3.40	9.00	6.14
SE0014R	zinc	aerosol	10.10	13.50	4.50	3.10	2.30	2.20	4.00	1.50	3.30	4.90	3.80	4.40	4.75
SI0008R	zinc	pm10	36.93	32.12	26.39	23.13	21.93	25.92	26.60	19.28	16.33	18.24	11.42	17.50	23.01
SI0008R	zinc	pm25	36.93	32.23	26.39	23.13	21.93	25.71	26.60	19.28	16.33	18.24	11.42	16.25	22.75
SK0002R	zinc	aerosol	1.44	1.37	3.98	6.17	2.82	5.13	6.31	3.14	3.85	5.67	2.47	1.49	3.69
SK0004R	zinc	pm10	-	-	-	12.00	9.48	9.80	9.88	7.74	13.59	21.82	24.85	17.93	14.34
SK0006R	zinc	pm10	17.01	23.93	14.52	10.35	7.79	6.24	6.08	7.61	7.81	13.15	9.67	18.21	11.73
SK0007R	zinc	pm10	49.77	37.11	20.47	16.33	8.10	11.85	11.88	8.02	11.94	27.96	18.57	24.00	20.02

Annex 7

Monthly and annual mean values for POPs in precipitation

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
BE0014R	alpha_HCH	precip	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.325
CZ0003R	alpha_HCH	precip	0.05	0.05	0.31	0.39	0.43	0.22	0.32	0.39	0.23	0.28	0.25	0.24	0.316
DE0001R	alpha_HCH	precip	0.09	0.20	0.25	0.22	0.20	0.22	0.16	0.14	0.20	0.15	0.14	0.11	0.166
DE0009R	alpha_HCH	precip	0.14	0.19	0.18	0.24	0.21	0.18	0.17	0.15	0.23	0.24	0.17	0.13	0.182
FI0096G	alpha_HCH	precip+dry_dep	0.03	0.05	0.032	0.067	0.153	0.24	0.24	0.177	0.105	0.07	0.021	0.03	0.102
IS0091R	alpha_HCH	precip	0.019	0.056	0.043	0.068	0.063	0.076	0.07	0.032	0.06	0.103	0.072	0.061	0.05
NO0001R	alpha_HCH	precip	0.084	0.045	0.259	0.141	0.271	0.16	0.128	0.138	0.143	0.164	0.132	0.105	0.148
SE0012R	alpha_HCH	precip+dry_dep	-	-	0.07	0.07	0.402	0	0	0.002	0.033	0.05	0.02	0.02	0.067
SE0014R	alpha_HCH	precip+dry_dep	0	0.01	0.004	0.04	0.141	0.099	0.18	0.194	0.107	0.02	0.048	0.02	0.073
BE0014R	beta_HCH	precip	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
IS0091R	beta_HCH	precip	0.001	0.004	0.002	0.003	0.004	0.005	0.004	0.003	0.005	0.007	0.003	0.004	0.003
BE0014R	gamma_HCH	precip	0.20	0.41	0.27	0.49	0.27	0.20	0.74	1.44	0.20	0.20	0.42	0.46	0.503
CZ0003R	gamma_HCH	precip	0.21	0.37	0.43	0.48	0.75	0.48	0.99	0.50	0.63	0.39	0.40	0.23	0.561
DE0001R	gamma_HCH	precip	0.31	1.01	2.41	1.04	1.19	0.99	1.23	0.56	0.39	0.44	0.40	0.26	0.717
DE0009R	gamma_HCH	precip	1.18	1.40	1.58	1.05	0.79	1.41	1.01	0.60	0.53	0.40	0.36	0.70	0.72
FI0096G	gamma_HCH	precip+dry_dep	0.05	0.09	0.05	0.052	0.062	0.14	0.32	0.192	0.139	0	0.005	0.07	0.098
IS0091R	gamma_HCH	precip	0.005	0.016	0.016	0.028	0.022	0.025	0.026	0.009	0.023	0.037	0.02	0.023	0.017
NL0091R	gamma_HCH	precip	-	1	1	1	1.546	3.176	1.618	1	1.384	3.828	5	-	1.872
NO0001R	gamma_HCH	precip	0.131	0.075	0.19	0.311	0.177	0.319	0.457	0.286	0.207	0.408	0.181	0.311	0.283
SE0012R	gamma_HCH	precip+dry_dep	-	-	0.08	0.08	0.31	0.03	0.01	0.03	0.08	0.07	0.04	0.05	0.078
SE0014R	gamma_HCH	precip+dry_dep	0	0.01	0.025	0.17	0.184	0.377	0.8	0.568	0.254	0.02	0.143	0.04	0.219
DE0001R	HCB	precip	0.02	0.05	0.09	0.04	0.02	0.05	0.07	0.04	0.05	0.04	0.03	0.05	0.044
DE0009R	HCB	precip	0.06	0.07	0.06	0.11	0.03	0.03	0.04	0.04	0.07	0.06	0.03	0.05	0.048
IS0091R	HCB	precip	0.032	0.012	0.013	0.058	0.012	0.014	0.036	0.008	0.013	0.015	0.029	0.027	0.021
NO0001R	HCB	precip	0.185	0.166	0.246	0.094	0.229	0.091	0.177	0.049	0.027	0.037	0.041	0.095	0.086
CZ0003R	acenaphthene	precip	1.12	0.90	0.63	0.54	0.22	0.14	0.12	0.49	0.74	0.77	0.67	1.08	0.50
ES0001R	acenaphthene	precip+dry_dep	-	-	0.09	0.09	0.09	-	-	-	-	-	-	-	-
ES0007R	acenaphthene	precip+dry_dep	-	-	-	-	13.32	13.32	13.32	-	-	-	-	-	-
ES0008R	acenaphthene	precip+dry_dep	0.09	0.09	0.09	-	-	-	-	-	-	-	-	-	-
NO0001R	acenaphthene	precip	-	-	-	-	3.84	2.65	2.70	1.72	0.98	1.00	1.37	2.69	-
CZ0003R	acenaphthylene	precip	4.44	2.52	1.40	1.65	0.14	0.12	0.16	0.31	1.09	1.50	1.68	2.53	0.92
ES0001R	acenaphthylene	precip+dry_dep	-	-	0.07	0.07	0.07	-	-	-	-	-	-	-	-
ES0007R	acenaphthylene	precip+dry_dep	-	-	-	-	0.07	0.07	0.07	-	-	-	-	-	-
ES0008R	acenaphthylene	precip+dry_dep	220.39	220.39	220.39	-	-	-	-	-	-	-	-	-	-
ES0014R	acenaphthylene	precip+dry_dep	-	-	-	-	-	-	-	0.07	0.07	-	-	-	-
NO0001R	acenaphthylene	precip	-	-	-	-	3.98	2.74	2.80	1.78	1.32	1.81	1.66	2.79	-
NO0001R	anthanthrene	precip	-	-	-	-	3.502	2.414	2.463	1.565	1.225	2.283	1.253	2.455	-
CZ0003R	anthracene	precip	0.33	0.07	0.45	0.29	0.08	0.05	0.06	0.11	0.13	0.40	0.34	1.26	0.19
DE0001R	anthracene	precip	2.00	1.30	1.35	0.85	0.60	9.03	0.50	0.12	0.33	0.60	0.30	0.60	0.891
DE0003R	anthracene	precip	1.96	1.26	1.44	0.11	0.19	0.13	0.92	0.16	0.40	0.33	0.94	1.14	0.64
DE0008R	anthracene	precip	4.42	2.19	1.45	0.45	0.10	0.28	0.26	0.17	0.24	0.88	0.95	1.55	0.9
DE0009R	anthracene	precip	6.43	2.39	0.48	0.47	0.35	0.25	0.25	0.16	0.19	0.35	0.37	4.59	0.88
ES0001R	anthracene	precip+dry_dep	-	-	21.84	21.84	21.84	-	-	-	-	-	-	-	-
ES0007R	anthracene	precip+dry_dep	-	-	-	-	0.01	0.01	0.01	-	-	-	-	-	-
ES0008R	anthracene	precip+dry_dep	141	141	141	-	-	-	-	-	-	-	-	-	-
ES0014R	anthracene	precip+dry_dep	-	-	-	-	-	-	-	58.37	58.37	-	-	-	-

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
NO0001R	anthracene	precip	-	-	-	-	2.333	1.609	1.641	1.108	0.816	1.208	0.835	1.636	-
SE0011R	anthracene	precip+dry_dep	1	2	1	1	0.065	0	0	0.968	1	1	1	1	0.826
SE0012R	anthracene	precip+dry_dep	-	-	1	1	0.065	0.1	1	0.032	0.133	1	1	-	0.515
SE0014R	anthracene	precip+dry_dep	1	2	0.903	0	0	0	0	0	0.133	1	0.067	1	0.497
DE0009R	benz_a_anthracene	precip	24.80	8.90	2.78	4.76	3.10	1.18	0.90	0.71	1.23	3.10	2.79	27.00	4.691
NO0001R	benz_a_anthracene	precip	-	-	-	-	1.729	1.372	1.452	0.773	2.816	8.802	1.589	1.71	-
PL0005R	benz_a_anthracene	precip	-	34.8	27.94	8.509	8.9	4.067	3.3	2.321	6.211	13.5	33.795	14.3	11.693
SI0008R	benz_a_anthracene	precip+dry_dep	19.36	16.497	7.826	5.219	4.035	2.764	1.568	1.536	3.123	12.482	12.967	15.552	8.454
CZ0003R	benzo_a_anthracene	precip	5.60	2.52	2.23	2.64	0.21	0.11	0.10	0.16	0.68	5.84	7.51	25.32	2.248
DE0001R	benzo_a_anthracene	precip	6.62	4.32	4.64	6.52	4.17	6.09	1.46	1.04	2.64	2.12	1.52	1.10	2.585
DE0003R	benzo_a_anthracene	precip	5.25	2.03	5.33	1.55	0.77	0.76	0.48	0.35	0.91	2.27	6.81	9.50	3.181
DE0008R	benzo_a_anthracene	precip	15.30	4.62	4.72	2.63	0.43	1.61	0.39	0.69	2.07	7.63	9.71	13.30	4.718
DE0009R	benzo_a_anthracene	precip	24.80	8.90	2.78	4.76	3.10	1.18	0.90	0.71	1.23	3.10	2.79	27.00	4.691
ES0001R	benzo_a_anthracene	precip+dry_dep	-	-	27.98	27.98	27.98	-	-	-	-	-	-	-	-
ES0007R	benzo_a_anthracene	precip+dry_dep	-	-	-	-	0.02	0.02	0.02	-	-	-	-	-	-
ES0008R	benzo_a_anthracene	precip+dry_dep	0.02	0.02	0.02	-	-	-	-	-	-	-	-	-	-
ES0014R	benzo_a_anthracene	precip+dry_dep	-	-	-	-	-	-	-	45.46	45.46	-	-	-	-
NO0001R	benzo_a_fluoranthene	precip	-	-	-	-	5.413	3.732	3.807	2.419	2.586	5.018	1.937	3.794	3.545
NO0001R	benzo_a_fluorene	precip	-	-	-	-	2.072	1.428	1.457	0.913	0.585	0.979	3.67	2.766	1.055
CZ0003R	benzo_a_pyrene	precip	6.38	5.47	3.83	6.42	0.75	1.49	0.39	0.99	1.45	10.13	9.25	18.95	3.04
DE0001R	benzo_a_pyrene	precip	5.41	3.84	4.98	7.13	4.35	3.27	2.14	1.37	3.76	2.06	1.27	0.69	2.699
DE0003R	benzo_a_pyrene	precip	6.56	2.91	6.93	1.97	0.81	1.03	0.67	0.35	1.02	2.45	6.50	9.59	3.41
DE0008R	benzo_a_pyrene	precip	19.62	6.69	6.96	3.09	0.51	2.23	0.58	1.03	3.03	9.55	9.43	16.22	5.728
DE0009R	benzo_a_pyrene	precip	26.40	9.00	2.69	5.32	4.40	1.69	1.60	0.92	1.87	2.90	2.37	24.60	4.874
ES0001R	benzo_a_pyrene	precip+dry_dep	-	-	21.56	21.56	21.56	-	-	-	-	-	-	-	-
ES0007R	benzo_a_pyrene	precip+dry_dep	-	-	-	-	0.02	0.02	0.02	-	-	-	-	-	-
ES0008R	benzo_a_pyrene	precip+dry_dep	0.02	0.02	0.02	-	-	-	-	-	-	-	-	-	-
ES0014R	benzo_a_pyrene	precip+dry_dep	-	-	-	-	-	-	-	65.47	65.47	-	-	-	-
FI0096G	benzo_a_pyrene	precip+dry_dep	1	1	0.097	1	1	1	1	0.032	0.267	2	0.133	2	0.878
NO0001R	benzo_a_pyrene	precip	-	-	-	-	4.564	3.147	3.21	2.039	5.101	15.683	2.154	3.2	7.737
PL0005R	benzo_a_pyrene	precip	-	54.2	41.525	12.145	7.3	4.538	7.8	3.497	8.789	17.9	30.477	16	13.734
SE0011R	benzo_a_pyrene	precip+dry_dep	22	20	7.29	10	1.548	0	0	0.452	6.867	6	7	7	7.135
SE0012R	benzo_a_pyrene	precip+dry_dep	-	-	2	2	1.968	1.3	4	2.065	2.133	3	5.267	2	2.63
SE0014R	benzo_a_pyrene	precip+dry_dep	8	19	8.419	3	2.032	1.2	3	3.774	1.533	5	3.067	4	5.064
SI0008R	benzo_a_pyrene	precip+dry_dep	27.342	16.875	8.61	6.388	4.086	3.841	3.243	1.953	4.25	15.192	11.313	15.204	9.696
CZ0003R	benzo_b_fluoranthene	precip	11.03	9.54	5.35	10.22	0.80	0.92	0.41	1.02	2.44	13.68	13.39	30.87	4.484
ES0001R	benzo_b_fluoranthene	precip+dry_dep	-	-	15.93	15.93	15.93	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	50.83	50.83	-	-	-	-
PL0005R	benzo_b_fluoranthene	precip	-	99.5	72.805	15.064	6	6.385	8.4	3.845	11.063	26.6	40.2	27.4	19.671
NO0001R	benzo_b_fluorene	precip	-	-	-	-	2.201	1.517	1.548	1.137	0.622	1.04	1.285	2.938	1.108
DE0001R	benzo_bjk_fluoranthenes	precip	30.30	34.20	15.92	34.26	13.20	4.91	6.40	4.18	12.00	8.70	6.55	3.00	10.842
DE0003R	benzo_bjk_fluoranthenes	precip	40.30	17.55	28.62	9.63	3.80	3.46	2.30	1.52	3.58	11.60	30.21	53.80	17.281
DE0008R	benzo_bjk_fluoranthenes	precip	78.80	29.04	27.71	11.21	2.00	6.64	2.00	3.49	9.53	33.00	38.31	71.70	22.984
DE0009R	benzo_bjk_fluoranthenes	precip	100.30	41.00	10.36	21.15	16.40	6.00	4.80	3.36	6.42	12.70	9.01	93.40	18.73
NO0001R	benzo_bjk_fluoranthenes	precip	-	-	-	-	15.173	10.819	10.924	6.779	17.949	51.152	10.867	12.446	-

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
SI0008R	benzo_bjk_fluoranthenes	precip+dry_dep	89.55	67.675	46.265	30.133	18.748	13.903	13.965	6.097	16.91	59.916	56.157	75.429	40.75
NO0001R	benzo_e_pyrene	precip	-	-	-	-	7.517	5.182	5.288	3.359	6.531	18.423	6.143	6.442	-
NO0001R	benzo_ghi_fluoranthene	precip	-	-	-	-	9.142	6.302	6.430	4.085	6.468	17.107	5.065	6.463	-
DE0001R	benzo_ghi_perylene	precip	8.60	9.70	5.73	11.08	4.80	1.41	2.50	1.20	3.71	2.70	2.18	1.00	3.438
DE0003R	benzo_ghi_perylene	precip	13.79	7.04	10.99	3.91	1.24	1.33	0.91	0.49	1.03	3.23	9.21	14.15	5.311
DE0008R	benzo_ghi_perylene	precip	36.25	13.56	11.91	4.31	0.85	3.15	0.73	1.26	3.80	13.98	13.42	24.90	9.106
DE0009R	benzo_ghi_perylene	precip	40.90	13.90	3.50	7.06	5.70	2.08	1.80	1.13	2.32	4.10	2.81	29.10	6.47
ES0001R	benzo_ghi_perylene	precip+dry_dep	-	-	0.02	0.02	0.02	-	-	-	-	-	-	-	-
ES0007R	benzo_ghi_perylene	precip+dry_dep	-	-	-	-	0.02	0.02	0.02	-	-	-	-	-	-
ES0008R	benzo_ghi_perylene	precip+dry_dep	0.015	0.015	0.015	-	-	-	-	-	-	-	-	-	-
ES0014R	benzo_ghi_perylene	precip+dry_dep	-	-	-	-	-	-	-	57.06	57.06	-	-	-	-
FI0096G	benzo_ghi_perylene	precip+dry_dep	2	2	0.097	1	1	1	1	0.032	0.267	2	1.133	3	1.2
NO0001R	benzo_ghi_perylene	precip	-	-	-	-	1.423	0.981	1.001	0.74	2.802	7.706	2.117	2.06	3.916
SE0011R	benzo_ghi_perylene	precip+dry_dep	43	28	6.903	6	2.258	1.9	1	6.355	0.933	7	12	12	10.258
SE0012R	benzo_ghi_perylene	precip+dry_dep	-	-	4	4	1.194	1.2	3	1.129	2.4	5	8.133	3	3.227
SE0014R	benzo_ghi_perylene	precip+dry_dep	18	40	10.323	4	3.032	2.2	4	3.871	2.667	7	4.133	6	8.496
CZ0003R	benzo_k_fluoranthene	precip	4.62	3.72	2.18	4.07	0.96	3.12	0.19	0.51	1.11	5.26	5.44	13.14	2.157
ES0001R	benzo_k_fluoranthene	precip+dry_dep	-	-	13.42	13.42	13.42	-	-	-	-	-	-	-	13.42
ES0007R	benzo_k_fluoranthene	precip+dry_dep	-	-	-	-	0.02	0.02	0.02	-	-	-	-	-	0.02
ES0008R	benzo_k_fluoranthene	precip+dry_dep	0.02	0.02	0.02	-	-	-	-	-	-	-	-	-	0.02
ES0014R	benzo_k_fluoranthene	precip+dry_dep	-	-	-	-	-	-	-	41.49	41.49	-	-	-	41.49
PL0005R	benzo_k_fluoranthene	precip	-	35.2	24.917	6.832	2.3	2.449	3.6	1.343	3.566	9.8	11.081	10.8	6.785
NO0001R	biphenyl	precip	-	-	-	-	5.817	4.01	4.091	2.599	1.684	1.908	2.996	4.078	2.475
CZ0003R	chrysene	precip	17.83	13.19	7.74	15.16	1.51	1.92	0.36	1.06	2.48	15.34	14.91	40.91	5.976
ES0001R	chrysene	precip+dry_dep	-	-	27.56	27.56	27.56	-	-	-	-	-	-	-	27.56
ES0007R	chrysene	precip+dry_dep	-	-	-	-	0.02	0.02	0.02	-	-	-	-	-	0.015
ES0008R	chrysene	precip+dry_dep	220.88	220.88	220.88	-	-	-	-	-	-	-	-	-	220.88
ES0014R	chrysene	precip+dry_dep	-	-	-	-	-	-	-	43.95	43.95	-	-	-	43.95
FI0096G	chrysene	precip+dry_dep	3	3	0.097	1.167	1.968	1.1	2	1.032	1.133	2	1.133	3	1.704
SE0011R	chrysene	precip+dry_dep	55	48	9.903	9	4.323	4.5	9	10.871	10.933	17	21	21	17.904
SE0012R	chrysene	precip+dry_dep	-	-	10	10	3	3	5	3	4	8	13	6	6.126
SE0014R	chrysene	precip+dry_dep	27	41	15.742	4	4.968	5.9	5	5.839	5.2	13	10.933	10	12.09
DE0001R	chrysene_triphenylene	precip	22.9	25.5	10.367	28.421	8.1	13.476	4.4	2.557	6.641	7.1	5.168	3	8.153
DE0008R	chrysene_triphenylene	precip	49.00	15.73	15.28	7.59	1.40	4.05	1.70	2.58	5.19	16.40	25.37	54.30	14.985
DE0009R	chrysene_triphenylene	precip	58.90	26.40	6.05	13.79	9.60	3.02	2.00	2.03	3.72	8.40	7.01	83.00	13.089
NO0001R	chrysene_triphenylene	precip	-	-	-	-	7.098	3.257	3.215	1.457	1.597	5.804	8.732	7.523	4.358
NO0001R	coronene	precip	-	-	-	-	4.417	3.045	3.107	1.974	3.219	10.487	2.172	3.097	5.469
NO0001R	cyclopenta_cd_pyrene	precip	-	-	-	-	1.236	0.852	0.894	0.552	1.541	3.793	0.608	0.867	1.979
IS0091R	cis_CD	precip	0.003	0.004	0.002	0.003	0.004	0.005	0.004	0.001	0.002	0.003	0.003	0.004	0.003
IS0091R	trans_CD	precip	0.001	0.004	0.002	0.003	0.004	0.005	0.004	0.001	0.002	0.003	0.003	0.004	0.002
IS0091R	trans_NO	precip	0.001	0.004	0.002	0.003	0.004	0.005	0.004	0.001	0.002	0.003	0.003	0.004	0.002
NO0001R	dibenzo_ac_ah_anthracenes	precip	-	-	-	-	6.808	4.693	4.788	3.042	1.923	2.314	2.436	4.772	-
NO0001R	dibenzo_ae_pyrene	precip	-	-	-	-	8.213	5.662	5.777	3.67	2.32	2.792	2.939	5.757	-
CZ0003R	dibenzo_ah_anthracene	precip	0.36	0.32	0.12	0.41	0.05	0.06	0.06	0.06	0.07	0.62	0.67	1.58	0.204
DE0001R	dibenzo_ah_anthracene	precip	2.01	2.06	1.41	2.18	1.10	0.98	0.48	0.27	0.73	0.45	0.30	0.16	0.718

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
DE0003R	dibenzo_ah_anthracene	precip	2.41	1.08	2.03	0.56	0.18	0.21	0.15	0.08	0.18	0.39	1.36	2.28	0.848
DE0008R	dibenzo_ah_anthracene	precip	5.77	2.31	2.02	0.80	0.14	0.35	0.11	0.24	0.62	1.87	1.91	3.37	1.384
DE0009R	dibenzo_ah_anthracene	precip	7.63	2.53	0.78	1.33	1.18	0.44	0.28	0.22	0.37	0.58	0.41	4.74	1.14
ES0001R	dibenzo_ah_anthracene	precip+dry_dep	-	-	0.02	0.02	0.02	-	-	-	-	-	-	-	-
ES0008R	dibenzo_ah_anthracene	precip+dry_dep	0.015	0.015	0.015	-	-	-	-	-	-	-	-	-	-
ES0014R	dibenzo_ah_anthracene	precip+dry_dep	-	-	-	-	-	-	-	0.015	0.015	-	-	-	-
PL0005R	dibenzo_ah_anthracene	precip	-	35.3	39.867	3.513	0.7	0.724	1.3	1.039	2.316	2.7	11.068	3.9	5.62
SI0008R	dibenzo_ah_anthracene	precip+dry_dep	6.985	6.672	7.006	7.604	5.66	3.355	3.102	2.295	3.137	5.436	6.895	6.904	5.401
NO0001R	dibenzo_ah_pyrene	precip	-	-	-	-	16.846	11.614	11.849	7.527	4.277	4.379	6.029	11.809	-
NO0001R	dibenzo_ai_pyrene	precip	-	-	-	-	16.618	11.456	11.689	7.425	4.219	4.32	5.947	11.649	-
NO0001R	dibenzofuran	precip	-	-	-	-	4.984	3.436	3.505	2.227	1.815	3.022	3.627	3.601	-
NO0001R	dibenzothiophene	precip	-	-	-	-	2.4	1.655	1.688	1.073	0.756	1.046	0.88	1.683	-
BE0014R	dieldrin	precip	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.2
DE0001R	dieldrin	precip	0.10	0.09	0.16	0.15	0.10	0.09	0.04	0.05	0.09	0.11	0.14	0.09	0.088
DE0009R	dieldrin	precip	0.08	0.08	0.11	0.06	0.04	0.05	0.03	0.03	0.02	0.02	0.06	0.03	0.043
IS0091R	dieldrin	precip	0.024	0.032	0.028	0.031	0.022	0.018	0.019	0.01	0.022	0.031	0.038	0.048	0.024
BE0014R	endrin	precip	1	1	1	1	1	1	1	1	1	1	1	1	1
DE0001R	endrin	precip	0.06	0.06	0.11	0.02	0.01	0.07	0.01	0.01	0.01	0.01	0.02	0.04	0.022
DE0009R	endrin	precip	0.05	0.06	0.12	0.02	0.01	0.02	0.02	0.01	0.01	0.03	0.01	0.04	0.02
DE0001R	fluoranthene	precip	38	42	25	34	15	7	9	5	12	11	9	10	13
DE0003R	fluoranthene	precip	36	16	26	12	8	7	6	3	7	12	30	49	18
DE0008R	fluoranthene	precip	99	32	28	9	2	7	4	5	8	30	35	75	24
DE0009R	fluoranthene	precip	121	56	16	23	13	6	5	4	6	11	11	86	20
ES0001R	fluoranthene	precip+dry_dep	-	-	10	10	10	-	-	-	-	-	-	-	-
ES0008R	fluoranthene	precip+dry_dep	114	114	114	-	-	-	-	-	-	-	-	-	-
ES0014R	fluoranthene	precip+dry_dep	-	-	-	-	-	-	-	46	46	-	-	-	-
FI0096G	fluoranthene	precip+dry_dep	9	8	1	2	4	3	4	2	3	6	1	8	4
NO0001R	fluoranthene	precip	-	-	-	-	7	3	4	4	15	43	12	10	21
SE0011R	fluoranthene	precip+dry_dep	77	150	29	22	8	8	5	16	16	39	62	62	40
SE0012R	fluoranthene	precip+dry_dep	-	-	12	12	7	5	11	7	8	15	27	13	12
SE0014R	fluoranthene	precip+dry_dep	53	150	29	0	8	6	9	12	8	23	21	24	28
CZ0003R	fluorene	precip	14.34	11.49	4.19	4.35	0.93	0.76	1.49	1.73	3.25	10.14	6.09	14.73	3.677
ES0001R	fluorene	precip+dry_dep	-	-	0.02	0.02	0.02	-	-	-	-	-	-	-	-
ES0008R	fluorene	precip+dry_dep	0.02	0.02	0.02	-	-	-	-	-	-	-	-	-	-
ES0014R	fluorene	precip+dry_dep	-	-	-	-	-	-	-	0.02	0.02	-	-	-	-
NO0001R	fluorene	precip	-	-	-	-	3.49	2.406	2.455	1.809	1.608	3.461	2.572	2.98	2.581
BE0014R	heptachlor	precip	3.76	1.73	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.197
DE0001R	heptachlor	precip	0.008	0.008	0.017	0.007	0.005	0.012	0.003	0.003	0.004	0.004	0.006	0.015	0.006
DE0009R	heptachlor	precip	0.007	0.008	0.034	0.008	0.002	0.007	0.007	0.002	0.004	0.010	0.004	0.013	0.006
CZ0003R	inden_123cd_pyrene	precip	5.01	4.35	2.78	5.00	0.58	1.14	0.23	0.73	1.15	9.38	7.98	17.72	2.518
DE0001R	inden_123cd_pyrene	precip	9.28	11.09	4.95	8.04	3.19	4.96	2.39	1.33	3.84	2.23	1.81	0.68	3.354
DE0003R	inden_123cd_pyrene	precip	13.60	6.86	10.44	2.62	0.80	0.94	0.87	0.47	1.06	3.09	8.44	14.15	5.028
DE0008R	inden_123cd_pyrene	precip	35.42	13.72	10.42	3.49	0.57	2.13	0.70	1.31	3.74	12.63	12.52	24.17	8.635
DE0009R	inden_123cd_pyrene	precip	42.90	14.80	3.23	5.28	4.60	1.52	1.80	1.23	2.50	3.90	2.81	29.00	6.399
ES0001R	inden_123cd_pyrene	precip+dry_dep	-	-	0.02	0.02	0.02	-	-	-	-	-	-	-	-

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
ES0008R	inden_123cd_pyrene	precip+dry_dep	0.02	0.02	0.02	-	-	-	-	-	-	-	-	-	-
ES0014R	inden_123cd_pyrene	precip+dry_dep	-	-	-	-	-	-	-	62	62	-	-	-	-
FI0096G	inden_123cd_pyrene	precip+dry_dep	3	2	0	1	1	1	1	0	0.3	2	1.1	2	1.2
NO0001R	inden_123cd_pyrene	precip	-	-	-	-	4	3	3	2	8	26	3	3	12
PL0005R	inden_123cd_pyrene	precip	-	92	46	12	3	3	7	3	8	17	36	20	15
SE0011R	inden_123cd_pyrene	precip+dry_dep	35	30	7	5	2	2	1	6	7	8	12	12	10
SE0012R	inden_123cd_pyrene	precip+dry_dep	-	-	3	3	2	2	4	2	2	4	7	3	3
SE0014R	inden_123cd_pyrene	precip+dry_dep	18	34	9	1	2	1	3	4	3	7	4	6	7
SI0008R	inden_123cd_pyrene	precip+dry_dep	54	38	21	10	6	5	3	4	6	16	24	30	18
NO0001R	N1methylnaphtalene	precip	-	-	-	-	5.8	4.0	4.1	2.6	1.6	2.0	2.7	4.3	-
NO0001R	N1methylphenanthrene	precip	-	-	-	-	1.9	1.3	1.5	1.5	1.6	3.9	1.4	1.9	-
NO0001R	N2methylanthracene	precip	-	-	-	-	2.0	1.4	1.4	0.9	0.5	0.7	0.7	1.4	-
NO0001R	N2methylnaphtalene	precip	-	-	-	-	8.3	5.7	5.8	3.9	2.2	2.6	3.9	6.3	-
NO0001R	N2methylphenanthrene	precip	-	-	-	-	2.3	1.6	1.6	2.2	1.8	4.7	1.9	2.3	-
NO0001R	N3methylphenanthrene	precip	-	-	-	-	2.3	1.6	1.8	2.0	1.5	3.6	1.5	2.0	-
NO0001R	N9methylphenanthrene	precip	-	-	-	-	2.0	1.4	1.5	1.4	1.4	3.3	1.2	1.7	-
NO0001R	naphtalene	precip	-	-	-	-	18.8	12.9	13.2	8.4	5.3	6.5	12.0	18.3	-
BE0014R	op_DDD	precip	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.5
DE0001R	op_DDD	precip	0.020	0.018	0.036	0.014	0.009	0.015	0.009	0.003	0.005	0.004	0.006	0.015	0.009
DE0009R	op_DDD	precip	0.017	0.042	0.038	0.014	0.004	0.012	0.009	0.009	0.014	0.009	0.004	0.012	0.011
BE0014R	op_DDE	precip	1	1	1	1	1	1	1	1	1	1	1	1	1
DE0001R	op_DDE	precip	0.012	0.011	0.024	0.027	0.007	0.017	0.004	0.004	0.005	0.004	0.006	0.016	0.008
DE0009R	op_DDE	precip	0.010	0.011	0.031	0.013	0.004	0.011	0.010	0.003	0.006	0.013	0.006	0.017	0.008
BE0014R	op_DDT	precip	1	1	1	1	1	1	1	1	1	1	1	1	1
DE0001R	op_DDT	precip	0.009	0.009	0.020	0.034	0.009	0.016	0.013	0.011	0.014	0.005	0.006	0.014	0.012
DE0009R	op_DDT	precip	0.052	0.080	0.059	0.055	0.024	0.040	0.030	0.032	0.017	0.015	0.023	0.083	0.034
IS0091R	op_DDT	precip	0.008	0.004	0.002	0.010	0.004	0.005	0.004	0.001	0.002	0.010	0.003	0.004	0.004
BE0014R	pp_DDD	precip	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
CZ0003R	pp_DDD	precip	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
DE0001R	pp_DDD	precip	0.019	0.017	0.036	0.027	0.008	0.014	0.007	0.006	0.008	0.004	0.005	0.016	0.01
DE0009R	pp_DDD	precip	0.071	0.115	0.039	0.038	0.025	0.011	0.016	0.026	0.012	0.035	0.021	0.079	0.032
IS0091R	pp_DDD	precip	0.003	0.008	0.005	0.006	0.004	0.005	0.009	0.003	0.006	0.007	0.003	0.017	0.005
BE0014R	pp_DDE	precip	0.675	0.675	0.675	0.675	0.675	0.675	0.675	0.675	0.675	0.675	0.675	0.675	0.675
CZ0003R	pp_DDE	precip	0.084	0.080	0.050	0.097	0.068	0.050	0.066	0.059	0.059	0.072	0.086	0.050	0.066
DE0001R	pp_DDE	precip	0.028	0.025	0.055	0.060	0.037	0.058	0.007	0.006	0.023	0.017	0.006	0.032	0.02
DE0009R	pp_DDE	precip	0.081	0.100	0.059	0.071	0.041	0.051	0.055	0.093	0.056	0.064	0.041	0.099	0.066
IS0091R	pp_DDE	precip	0.003	0.004	0.002	0.003	0.004	0.005	0.004	0.001	0.002	0.003	0.003	0.010	0.003
BE0014R	pp_DDT	precip	0.500	0.500	1.413	0.801	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.582
CZ0003R	pp_DDT	precip	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.05
DE0001R	pp_DDT	precip	0.056	0.060	0.055	0.111	0.044	0.030	0.021	0.018	0.024	0.021	0.018	0.017	0.03
DE0009R	pp_DDT	precip	0.240	0.380	0.246	0.283	0.240	0.154	0.200	0.159	0.113	0.160	0.102	0.290	0.181
IS0091R	pp_DDT	precip	0.006	0.008	0.004	0.006	0.008	0.009	0.004	0.001	0.002	0.003	0.003	0.004	0.004

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BE0014R	PCB_101	precip	1	1	1	1	1	1	1	1	1	1	1	1	1
CZ0003R	PCB_101	precip	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
DE0001R	PCB_101	precip	0.07	0.06	0.14	0.16	0.10	0.17	0.06	0.06	0.07	0.07	0.08	0.18	0.083
DE0009R	PCB_101	precip	0.16	0.27	0.15	0.17	0.05	0.14	0.14	0.09	0.12	0.73	0.07	0.21	0.159
FI0096G	PCB_101	precip+dry_dep	0.03	0.02	0.029	0.037	0.119	0.093	0.03	0.075	0.02	0.02	0.01	0.01	0.041
IS0091R	PCB_101	precip	0.001	0.004	0.002	0.017	0.011	0.014	0.005	0.001	0.002	0.003	0.017	0.004	0.005
NO0001R	PCB_101	precip	0.014	0.013	0.013	0.015	0.02	0.009	0.006	0.005	0.002	0.004	0.005	0.016	0.007
SE0012R	PCB_101	precip+dry_dep	-	-	0.05	0.05	0.022	0.033	0.06	0.024	0.055	0.02	0.024	0.01	0.033
SE0014R	PCB_101	precip+dry_dep	0.03	0.09	0.03	0.05	0.11	0.07	0.10	0.14	0.09	0.09	0.13	0.01	0.078
IS0091R	PCB_105	precip	0.001	0.004	0.002	0.003	0.004	0.005	0.004	0.001	0.002	0.003	0.003	0.004	0.002
BE0014R	PCB_118	precip	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
CZ0003R	PCB_118	precip	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
DE0001R	PCB_118	precip	0.03	0.03	0.07	0.07	0.04	0.07	0.02	0.01	0.02	0.03	0.03	0.07	0.029
DE0009R	PCB_118	precip	0.06	0.09	0.07	0.07	0.02	0.05	0.04	0.09	0.07	0.72	0.01	0.04	0.101
FI0096G	PCB_118	precip+dry_dep	0.01	0.01	0.01	0.012	0.02	0.011	0.02	0.01	0.01	0.01	0.01	0.01	0.012
IS0091R	PCB_118	precip	0.001	0.004	0.002	0.003	0.004	0.005	0.004	0.001	0.002	0.003	0.003	0.004	0.002
NO0001R	PCB_118	precip	0.021	0.007	0.006	0.01	0.023	0.006	0.004	0.003	0.002	0.002	0.004	0.014	0.005
SE0012R	PCB_118	precip+dry_dep	-	-	0.005	0.005	0.019	0.026	0.08	0.023	0.027	0.01	0.025	0.02	0.026
SE0014R	PCB_118	precip+dry_dep	0.050	0.110	0.059	0.050	0.108	0.160	0.070	0.044	0.089	0.080	0.103	0.010	0.078
BE0014R	PCB_138	precip	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
CZ0003R	PCB_138	precip	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
DE0001R	PCB_138	precip	0.13	0.12	0.27	0.30	0.18	0.29	0.07	0.06	0.08	0.14	2.95	0.37	0.462
DE0009R	PCB_138	precip	0.113	0.126	0.282	0.308	0.09	0.241	0.152	0.286	0.204	1.914	0.063	0.184	0.305
FI0096G	PCB_138	precip+dry_dep	0.01	0.01	0.01	0.012	0.02	0.013	0.04	0.011	0.01	0.01	0.01	0.01	0.014
IS0091R	PCB_138	precip	0.005	0.01	0.004	0.008	0.004	0.011	0.014	0.002	0.005	0.007	0.013	0.024	0.007
NO0001R	PCB_138	precip	0.039	0.015	0.011	0.02	0.03	0.005	0.004	0.002	0.001	0.002	0.004	0.017	0.007
SE0012R	PCB_138	precip+dry_dep	-	-	0.03	0.03	0.039	0.041	0.05	0.04	0.039	0.03	0.044	0.03	0.038
SE0014R	PCB_138	precip+dry_dep	0.07	0.29	0.08	0.14	0.42	0.25	0.27	0.26	0.28	0.27	0.37	0.13	0.236
BE0014R	PCB_153	precip	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.5
CZ0003R	PCB_153	precip	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.051
DE0001R	PCB_153	precip	0.17	0.16	0.34	0.38	0.23	0.37	0.06	0.06	0.08	0.17	3.05	0.47	0.495
DE0009R	PCB_153	precip	0.14	0.16	0.36	0.39	0.12	0.30	0.14	0.22	0.15	1.09	0.05	0.14	0.231
FI0096G	PCB_153	precip+dry_dep	0.02	0.02	0.02	0.02	0.02	0.021	0.03	0.011	0.01	0.01	0.01	0.01	0.017
IS0091R	PCB_153	precip	0.014	0.006	0.003	0.005	0.006	0.007	0.009	0.002	0.004	0.003	0.012	0.013	0.007
NO0001R	PCB_153	precip	0.038	0.014	0.013	0.022	0.028	0.006	0.007	0.005	0.003	0.005	0.007	0.024	0.009
SE0012R	PCB_153	precip+dry_dep	-	-	0.07	0.07	0.06	0.044	0.08	0.051	0.046	0.02	0.039	0.03	0.049
SE0014R	PCB_153	precip+dry_dep	0.06	0.20	0.10	0.17	0.39	0.26	0.22	0.26	0.24	0.25	0.38	0.14	0.223
IS0091R	PCB_156	precip	0.004	0.004	0.002	0.003	0.004	0.005	0.004	0.001	0.002	0.003	0.003	0.004	0.003
BE0014R	PCB_180	precip	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
CZ0003R	PCB_180	precip	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
DE0001R	PCB_180	precip	0.05	0.05	0.11	0.12	0.08	0.12	0.03	0.02	0.03	0.04	0.11	0.11	0.05
DE0009R	PCB_180	precip	0.05	0.05	0.11	0.13	0.04	0.10	0.06	0.16	0.10	1.03	0.02	0.06	0.153
FI0096G	PCB_180	precip+dry_dep	0.02	0.01	0.01	0.01	0.01	0.013	0.04	0.011	0.01	0.01	0.001	0.01	0.013
IS0091R	PCB_180	precip	0.009	0.006	0.003	0.005	0.006	0.007	0.004	0.001	0.005	0.003	0.008	0.009	0.005
NO0001R	PCB_180	precip	0.031	0.013	0.009	0.019	0.011	0.003	0.003	0.002	0.002	0.003	0.005	0.024	0.006
SE0012R	PCB_180	precip+dry_dep	-	-	0.03	0.03	0.03	0.03	0.03	0.03	0.029	0.02	0.034	0.02	0.028
SE0014R	PCB_180	precip+dry_dep	0.06	0.2	0.05	0.14	0.34	0.182	0.2	0.201	0.22	0.22	0.367	0.18	0.197
BE0014R	PCB_28	precip	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.5

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
CZ0003R	PCB_28	precip	0.07	0.05	0.06	0.09	0.12	0.15	0.06	0.10	0.10	0.06	0.06	0.05	0.092
DE0001R	PCB_28	precip	0.03	0.03	0.06	0.05	0.03	0.05	0.03	0.03	0.03	0.03	0.03	0.07	0.033
DE0009R	PCB_28	precip	0.26	1.11	0.18	0.14	0.08	0.10	0.07	0.02	0.04	0.06	0.03	0.08	0.106
FI0096G	PCB_28	precip+dry_dep	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
IS0091R	PCB_28	precip	0.004	0.012	0.006	0.035	0.012	0.014	0.013	0.003	0.005	0.01	0.062	0.013	0.012
NO0001R	PCB_28	precip	0.025	0.024	0.029	0.015	0.019	0.02	0.017	0.005	0.003	0.005	0.011	0.02	0.011
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
SE0014R	PCB_28	precip+dry_dep	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
IS0091R	PCB_31	precip	0.002	0.01	0.005	0.032	0.01	0.012	0.011	0.002	0.004	0.008	0.031	0.011	0.009
BE0014R	PCB_52	precip	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
CZ0003R	PCB_52	precip	0.14	0.06	0.09	0.09	0.08	0.05	0.13	0.12	0.09	0.05	0.06	0.05	0.099
DE0001R	PCB_52	precip	0.04	0.03	0.07	0.04	0.02	0.04	0.03	0.03	0.04	0.02	0.02	0.04	0.029
DE0009R	PCB_52	precip	0.19	0.80	0.07	0.04	0.01	0.03	0.07	0.02	0.05	0.15	0.03	0.08	0.082
FI0096G	PCB_52	precip+dry_dep	0.005	0.005	0.005	0.028	0.136	0.019	0.15	0.15	0.02	0.12	0.103	0.005	0.063
IS0091R	PCB_52	precip	0.001	0.004	0.002	0.013	0.008	0.01	0.021	0.001	0.002	0.003	0.011	0.004	0.005
NO0001R	PCB_52	precip	0.024	0.018	0.023	0.016	0.017	0.017	0.01	0.005	0.003	0.005	0.008	0.019	0.01
SE0012R	PCB_52	precip+dry_dep	-	-	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
SE0014R	PCB_52	precip+dry_dep	0.005	0.53	0.116	0.08	0.129	0.199	0.1	0.155	0.233	0.12	0.29	0.005	0.161
NO0001R	PCB_99	precip	0.006	0.004	0.005	0.004	0.006	0.005	0.002	0.002	0.001	0.001	0.002	0.003	0.002
NO0001R	perylene	precip	-	-	-	-	7.4	5.1	5.2	3.3	2.5	3.8	2.7	5.2	3.6
CZ0003R	phenanthrene	precip	63.7	51.0	23.7	35.0	4.4	3.1	4.5	6.5	12.1	52.2	29.9	88.7	17.6
DE0001R	phenanthrene	precip	33.3	37.0	23.5	21.8	14.8	5.8	24.3	5.5	12.2	15.8	8.9	12.3	15.2
DE0003R	phenanthrene	precip	27.1	24.8	19.0	12.7	11.1	6.7	13.5	7.0	10.7	12.2	20.4	39.0	16.7
DE0008R	phenanthrene	precip	53.5	25.6	20.1	10.8	4.1	15.6	12.5	8.4	8.5	26.8	25.0	54.3	19.9
DE0009R	phenanthrene	precip	70.7	46.6	16.5	18.3	9.1	6.7	2.5	4.4	6.8	10.5	10.6	57.3	15.2
ES0001R	phenanthrene	precip+dry_dep	-	-	25.3	25.3	25.3	-	-	-	-	-	-	-	-
ES0008R	phenanthrene	precip+dry_dep	194.6	194.6	194.6	-	-	-	-	-	-	-	-	-	-
ES0014R	phenanthrene	precip+dry_dep	-	-	-	-	-	-	-	52.7	52.7	-	-	-	-
FI0096G	phenanthrene	precip+dry_dep	7.0	7.0	2.0	2.3	4.0	3.5	8.0	4.0	2.3	4.0	1.3	6.0	4.3
NO0001R	phenanthrene	precip	-	-	-	-	6.8	4.8	5.2	6.5	9.6	25.3	10.4	10.1	14.2
SE0011R	phenanthrene	precip+dry_dep	31.0	120.0	24.6	21.0	7.1	9.6	15.0	14.2	17.6	28.0	59.0	59.0	33.2
SE0012R	phenanthrene	precip+dry_dep	-	-	12.0	12.0	10.1	8.3	11.0	7.1	7.5	11.0	26.0	-	10.6
SE0014R	phenanthrene	precip+dry_dep	36.0	190.0	26.4	2.0	8.6	9.7	7.0	10.5	6.7	18.0	19.2	22.0	28.5
CZ0003R	pyrene	precip	33.7	21.1	18.1	25.2	1.8	1.3	1.1	2.3	5.8	32.0	26.7	87.5	11.4
DE0001R	pyrene	precip	21.7	21.0	15.6	20.9	10.5	2.9	5.4	3.3	8.6	6.5	5.7	5.9	8.1
DE0003R	pyrene	precip	22.8	9.6	15.5	6.8	4.7	3.3	4.2	1.7	4.3	7.8	19.4	31.9	11.1
DE0008R	pyrene	precip	69.8	19.4	15.7	8.5	1.8	2.6	2.5	3.2	5.9	20.7	26.2	47.4	16.6
DE0009R	pyrene	precip	70.7	33.1	7.4	12.4	8.9	1.7	4.0	2.0	4.7	8.6	8.6	60.2	12.9
ES0001R	pyrene	precip+dry_dep	-	-	12.4	12.4	12.4	-	-	-	-	-	-	-	-
ES0008R	pyrene	precip+dry_dep	180.4	180.4	180.4	-	-	-	-	-	-	-	-	-	-
ES0014R	pyrene	precip+dry_dep	-	-	-	-	-	-	-	45.0	45.0	-	-	-	-
FI0096G	pyrene	precip+dry_dep	5.0	4.0	1.0	1.2	2.0	2.1	3.0	1.1	1.4	4.0	1.3	5.0	2.6
NO0001R	pyrene	precip	-	-	-	-	4.9	2.6	3.9	4.0	10.2	30.8	8.7	6.4	15.5
SE0011R	pyrene	precip+dry_dep	50.0	82.0	17.7	15.0	4.7	5.0	5.0	10.5	8.9	21.0	0.0	0.0	17.7
SE0012R	pyrene	precip+dry_dep	-	-	8.0	8.0	5.1	3.5	8.0	5.1	5.7	10.0	17.3	8.0	7.8
SE0014R	pyrene	precip+dry_dep	29.0	63.0	17.3	1.0	5.6	3.3	6.0	7.7	5.5	15.0	12.2	15.0	14.6
NO0001R	retene	precip	-	-	-	-	12.2	2.6	2.6	2.0	1.9	4.3	2.7	4.9	3.1

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
BE0014R	precipitation_amount	precip	65	72	86	57	28	97	89	181	156	161	100	79	1171
CZ0003R	precipitation_amount	precip	56	18	32	47	114	80	93	245	85	6	54	48	878
DE0001R	precipitation_amount	precip	28	35	18	31	42	31	104	139	102	87	86	34	737
DE0003R	precipitation_amount	precip	66	76	86	72	146	117	64	345	105	85	191	204	1559
DE0008R	precipitation_amount	precip	86	59	95	58	126	28	187	246	97	50	174	103	1310
DE0009R	precipitation_amount	precip	33	34	17	29	84	38	45	175	88	58	144	46	792
IS0091R	precipitation_amount	precip	85	25	53	31	27	19	24	106	60	30	32	23	515
NL0091R	precipitation_amount	precip	0	67	50	32	53	60	100	143	135	100	29	0	768
NO0001R	precipitation_amount	precip	35	64	61	35	43	29	97	137	175	270	119	43	1109
PL0005R	precipitation_amount	precip	0	24	23	19	92	90	57	88	50	21	68	41	573

Annex 8

Monthly and annual mean values for POPs in air

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
CZ0003R	alpha_HCH	air+aerosol	2.575	4.2	18.16	16.2	12.6	9.92	12.1	8.55	12.9	29.925	39.8	46.04	18.056
DE0001R	alpha_HCH	air+aerosol	4.7	4.5	3.317	4.762	3.9	4.052	3.4	4.941	7.466	6.3	4.004	4.1	4.627
DE0009R	alpha_HCH	air+aerosol	5.8	4	3.324	7.769	8.2	7.576	11.3	14.645	10.634	6.6	5.45	4.1	7.5
DK0010G	alpha_HCH	air	-	-	9.038	9.724	9.701	5.974	8.001	11.016	14.856	15.083	10.956	0.147	9.385
FI0096G	alpha_HCH	air+aerosol	2	3	5	5.167	6	6.067	7	6.097	7	6.548	4.933	4	5.274
IS0091R	alpha_HCH	air+aerosol	1.21	1.77	3.1	2.32	1.645	2	1.903	2.36	3.59	3.34	3.56	2.6	2.45
KZ0001R	alpha_HCH	air+aerosol	-	-	-	30.952	34.977	30.247	39.67	-	-	-	-	-	-
MD0013R	alpha_HCH	air+aerosol	43.6	49.096	50.54	86.114	123.517	102.651	115.846	105.98	76.476	60.062	-	-	85.097
NO0002R	alpha_HCH	air+aerosol	3.386	3.782	3.822	4.398	9.331	7.51	8.902	9.908	9.789	8.243	5.038	3.676	6.422
NO0042G	alpha_HCH	air+aerosol	6.541	4.987	6.663	6.925	6.755	6.651	6.992	9.519	10.31	9.766	9.175	7.299	7.66
NO0090R	alpha_HCH	air+aerosol	4.085	4.439	4.216	4.349	4.548	4.744	5.028	5.774	7.348	7.665	6.426	5.176	5.135
SE0012R	alpha_HCH	air+aerosol	2	2	1.194	3	3.9	2.9	2	3.097	5.133	6	3	3	3.114
SE0014R	alpha_HCH	air+aerosol	3	2	2.387	6	6.839	4	4	4	4.133	5	4.867	3	4.122
DK0010G	beta_HCH	air	-	-	0.01	0	0	0	0	0.002	0.013	0	0	0	0.003
IS0091R	beta_HCH	air+aerosol	0.248	0.059	0.12	0.119	0.057	0.05	1.145	1.013	0.639	0.413	0.147	0.116	0.347
CZ0003R	gamma_HCH	air+aerosol	6.85	9.8	15.78	20.875	13.575	19.38	19.95	21.825	21.4	55.775	54.475	48.8	25.756
DE0001R	gamma_HCH	air+aerosol	5.9	5.7	5.321	9.652	18.1	12.514	12.7	11.866	10.752	16.4	4.596	7.2	10.154
DK0010G	gamma_HCH	air	-	-	1.1	1.3	0.4	0.3	0.6	0.7	1.2	1.5	1.1	0.494	0.864
FI0096G	gamma_HCH	air+aerosol	2	1	1.097	2	1.968	1.133	3	2.032	1.867	1	1	1	1.594
IS0091R	gamma_HCH	air+aerosol	1.21	0.95	1.47	1.53	1.807	2.05	2.418	2.9	3.26	2.13	1.72	1.39	1.908
KZ0001R	gamma_HCH	air+aerosol	-	-	-	4.917	7.513	5.633	6.549	-	-	-	-	-	-
MD0013R	gamma_HCH	air+aerosol	19.436	20.286	23.818	39.422	54.279	53.198	49.912	59.321	33.504	25.131	-	-	39.677
NO0002R	gamma_HCH	air+aerosol	0.892	1.774	2.223	1.761	3.771	3.009	8.023	8.136	4.494	4.342	1.248	0.683	3.354
NO0042G	gamma_HCH	air+aerosol	0.958	0.887	1.035	1.329	1.154	0.717	0.727	0.861	1.266	1.343	1.119	0.953	1.03
NO0090R	gamma_HCH	air+aerosol	0.768	0.859	0.641	1	0.862	0.833	2.608	1.86	2.194	1.056	0.98	0.769	1.209
SE0012R	gamma_HCH	air+aerosol	0	1	1.097	2	1.1	2.1	3	3	2.867	2	1	1	1.699
SE0014R	gamma_HCH	air+aerosol	1	1	2.29	5	5	5.1	6	5.806	3	3	1.933	1	3.38
CZ0003R	HCB	air+aerosol	32.3	33.95	32.76	46.025	31.575	31.42	35.275	33.775	31	60.35	67.575	49.2	40.1
DE0001R	HCB	air+aerosol	41	39	26.586	20.586	18	10.069	11	12.069	15.724	22	32.571	48	24.478
DE0009R	HCB	air+aerosol	35	23	15.517	9	9	10	10	12.069	16.931	25	32.643	50	20.493
DK0010G	HCB	air	-	-	86.623	88.711	75.457	73.561	86.583	82.491	91.08	78.897	82.441	1.145	75.098
FI0096G	HCB	air+aerosol	31	51	18.548	31.833	25.677	16.133	18	20.065	36.667	40.323	39.067	54	31.703
IS0091R	HCB	air+aerosol	1.9	2.96	5.99	4.86	3.394	3.31	3.92	4.53	6.06	6.63	7.79	6.47	4.822
KZ0001R	HCB	air+aerosol	-	-	-	43.431	33.863	23.936	27.735	-	-	-	-	-	-
MD0013R	HCB	air+aerosol	85.442	58.919	58.585	52.527	40.585	33.477	24.049	29.293	38.577	37.517	-	-	45.117
NO0002R	HCB	air+aerosol	61.396	57.343	55.21	47.635	41.731	40.886	32.062	33.507	44.454	58.671	64.581	66.714	50.544
NO0042G	HCB	air+aerosol	75.275	68.997	72.897	80.315	76.499	74.905	62.016	87.689	90.11	86.892	85.731	80.181	78.573
NO0090R	HCB	air+aerosol	28.9	32.7	30.3	23.3	20.4	19.2	15.4	17.0	19.5	43.8	43.2	61.7	29.097
SE0012R	HCB	air+aerosol	36	24	47.774	27	13.833	10	10	7.806	18.533	22	35.533	43	24.572
SE0014R	HCB	air+aerosol	34	33	40.645	28	18.484	13.1	14	13.935	15.667	33	26.733	37	25.545
CZ0003R	acenaphthene	air+aerosol	0.555	0.391	0.188	0.103	0.064	0.021	0.036	0.034	0.067	0.143	0.352	0.659	0.219
ES0001R	acenaphthene	pm10	-	-	0.09	0.09	0.09	-	-	-	-	-	-	-	-
ES0006R	acenaphthene	pm10	-	-	-	-	-	-	-	-	-	0.09	0.09	0.09	-
ES0007R	acenaphthene	pm10	-	-	-	-	0.081	0.09	0.155	-	-	-	-	-	-
ES0008R	acenaphthene	pm10	0.008	0.09	0.09	0	0	0	0.09	0.09	0.09	0.09	0.09	0.08	0.059
ES0014R	acenaphthene	pm10	-	-	-	-	-	-	-	0.118	0.09	-	-	-	-

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
KZ0001R	acenaphthene	air+aerosol	-	-	-	0.114	0.122	0.114	0.115	-	-	-	-	-	-
MD0013R	acenaphthene	air+aerosol	1.332	0.222	0.243	0.116	0.078	0.092	0.073	0.08	0.078	0.136	-	-	0.187
NO0002R	acenaphthene	air+aerosol	0.418	0.106	0.065	0.065	0.069	0.069	0.07	0.055	0.058	0.059	0.07	0.176	0.105
NO0042G	acenaphthene	air+aerosol	0.032	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.023	0.03	0.031	0.03	0.03
NO0090R	acenaphthene	air+aerosol	0.06	0.056	0.058	0.06	0.058	0.059	0.056	0.058	0.039	0.029	0.029	0.034	0.046
ES0001R	acenaphthylene	pm10	-	-	0.065	0.065	0.065	-	-	-	-	-	-	-	-
ES0006R	acenaphthylene	pm10	-	-	-	-	-	-	-	-	-	0.065	0.065	0.065	-
ES0007R	acenaphthylene	pm10	-	-	-	-	0.471	0.104	0.065	-	-	-	-	-	-
ES0008R	acenaphthylene	pm10	0.002	0.065	0.065	0.022	0.072	0.171	0.075	0.183	0.065	0.065	0.065	0.055	0.073
ES0014R	acenaphthylene	pm10	-	-	-	-	-	-	-	0.191	0.188	-	-	-	-
KZ0001R	acenaphthylene	air+aerosol	-	-	-	0.069	0.014	0.01	0.017	-	-	-	-	-	-
MD0013R	acenaphthylene	air+aerosol	0.663	0.219	0.504	0.135	0.037	0.033	0.029	0.067	0.055	0.276	-	-	0.164
NO0002R	acenaphthylene	air+aerosol	0.033	0.028	0.012	0.011	0.012	0.005	0.005	0.005	0.008	0.018	0.013	0.183	0.028
NO0042G	acenaphthylene	air+aerosol	0.004	0.007	0.003	0.003	0.004	0.004	0.003	0.003	0.003	0.002	0.003	0.003	0.003
NO0090R	acenaphthylene	air+aerosol	0.005	0.021	0.006	0.024	0.005	0.007	0.005	0.005	0.002	0.007	0.003	0.002	0.007
KZ0001R	anthanthrene	air+aerosol	-	-	-	0.029	0.023	0.006	0.005	-	-	-	-	-	-
MD0013R	anthanthrene	air+aerosol	0.173	0.035	0.13	0.087	0.012	0.018	0.021	0.042	0.024	0.088	-	-	0.055
NO0002R	anthanthrene	air+aerosol	0.021	0.014	0.003	0.002	0.002	0.002	0.001	0.002	0.011	0.032	0.002	0.014	0.008
NO0042G	anthanthrene	air+aerosol	0.001	0.011	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002
NO0090R	anthanthrene	air+aerosol	0.002	0.014	0.001	0.002	0.001	0.002	0.001	0.001	0.002	0.002	0.001	0.002	0.002
CZ0003R	anthracene	air+aerosol	0.323	0.146	0.113	0.06	0.038	0.017	0.012	0.045	0.097	0.095	0.173	0.397	0.128
DE0001R	anthracene	air+aerosol	0.39	0.079	0.038	0.034	0.053	0.041	0.022	0.02	0.085	0.072	0.106	0.162	0.093
DE0003R	anthracene	air+aerosol	0.056	0.035	0.025	0.013	0.017	0.012	0.008	0.018	0.027	0.028	0.047	0.061	0.029
DE0008R	anthracene	air+aerosol	0.078	0.283	0.079	0.021	0.027	0.009	0.001	0.023	0.036	0.086	0.047	0.261	0.076
DE0009R	anthracene	air+aerosol	0.354	0.037	0.02	0.023	0.009	0.014	0.013	0.01	0.026	0.078	0.102	0.109	0.068
ES0001R	anthracene	pm10	-	-	0.062	0.012	0.005	-	-	-	-	-	-	-	-
ES0006R	anthracene	pm10	-	-	-	-	-	-	-	-	-	0.046	0.046	0.046	-
ES0007R	anthracene	pm10	-	-	-	-	0.292	0.029	0.147	-	-	-	-	-	-
ES0008R	anthracene	pm10	0	0.044	0.097	0.062	0.034	0.096	0.007	0.041	0.006	0.034	0.005	0.014	0.033
ES0014R	anthracene	pm10	-	-	-	-	-	-	-	0.045	0.028	-	-	-	-
FI0096G	anthracene	air+aerosol	0.012	0.009	0.002	0.001	0.001	0.002	0.003	0.008	0.003	0.002	0.004	0.01	0.005
KZ0001R	anthracene	air+aerosol	-	-	-	0.059	0.565	0.322	0.221	-	-	-	-	-	-
MD0013R	anthracene	air+aerosol	0.61	0.35	0.423	0.538	0.066	0.065	0.085	0.354	0.061	0.172	-	-	0.264
NO0002R	anthracene	air+aerosol	0.012	0.009	0.004	0.005	0.014	0.004	0.005	0.122	0.006	0.013	0.059	0.039	0.028
NO0042G	anthracene	air+aerosol	0.003	0.004	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.015	0.001	0.003	0.003
NO0090R	anthracene	air+aerosol	0.004	0.009	0.004	0.004	0.005	0.009	0.004	0.004	0.002	0.002	0.003	0.004	0.004
SE0011R	anthracene	air+aerosol	0.003	0.003	0.001	0	0	0.001	0.004	0.001	0	0.001	0	0.003	0.001
SE0012R	anthracene	air+aerosol	0.041	0.022	0.008	0.008	0.006	0.003	0.002	0.003	0.007	0.009	0.015	0.05	0.014
SE0014R	anthracene	air+aerosol	0.15	0.1	0.013	0.011	0.009	0.005	0.002	0.004	0.009	0.03	0.046	0.086	0.037
BE0013R	benz_a_anthracene	air+aerosol	0.233	0.096	0.104	0.018	0.029	0.045	0.021	0.007	0.051	0.048	0.107	0.327	0.083
CY0002R	benz_a_anthracene	pm10	-	-	0.025	0.005	0.001	0.001	0.001	0.001	0.001	-	-	-	-
CZ0003R	benz_a_anthracene	air+aerosol	0.935	0.477	0.456	0.103	0.026	0.007	0.003	0.006	0.035	0.329	0.146	0.934	0.293
DE0003R	benz_a_anthracene	air+aerosol	0.185	0.077	0.096	0.014	0.007	0.004	0.004	0.004	0.019	0.051	0.029	0.051	0.046
DE0008R	benz_a_anthracene	air+aerosol	0.37	0.301	0.126	0.026	0.015	0.007	0.002	0.01	0.024	0.081	0.081	0.615	0.133
FI0096G	benz_a_anthracene	air+aerosol	0.07	0.049	0.004	0.003	0.005	0.002	0.001	0.004	0.005	0.006	0.009	0.035	0.016
KZ0001R	benz_a_anthracene	air+aerosol	-	-	-	0.038	0.033	0.013	0.016	-	-	-	-	-	-
LV0010R	benz_a_anthracene	pm10	1.47	0.638	0.146	0.055	0.04	0.01	0.005	0.005	0.005	0.16	0.56	1.18	0.324

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
MD0013R	benz_a_anthracene	air+aerosol	0.587	0.153	0.268	0.234	0.02	0.029	0.032	0.139	0.053	0.081	-	-	0.142
NL0009R	benz_a_anthracene	pm10	0.467	0.073	0.011	0.008	0.003	0.003	0.006	0.007	0.011	0.034	0.053	0.098	0.069
NO0002R	benz_a_anthracene	air+aerosol	0.044	0.04	0.009	0.009	0.008	0.01	0.006	0.006	0.006	0.056	0.01	0.089	0.024
NO0042G	benz_a_anthracene	air+aerosol	0.01	0.015	0.003	0.003	0.003	0.003	0.003	0.002	0.001	0.002	0.002	0.006	0.004
NO0090R	benz_a_anthracene	air+aerosol	0.007	0.035	0.006	0.008	0.006	0.007	0.006	0.004	0.004	0.003	0.004	0.004	0.007
PL0005R	benz_a_anthracene	pm10	2.504	1.699	0.563	0.153	0.034	0.017	0.004	0.017	0.143	0.539	0.78	3.147	0.756
SE0011R	benz_a_anthracene	air+aerosol	0.043	0.043	0.008	0.004	0	0	0.004	0.001	0.001	0.003	0.001	0.037	0.008
SE0012R	benz_a_anthracene	air+aerosol	0.13	0.082	0.056	0.015	0.034	0.005	0.009	0.011	0.02	0.049	0.032	0.13	0.047
SE0014R	benz_a_anthracene	air+aerosol	0.53	0.35	0.063	0.013	0.008	0.064	0.002	0.012	0.043	0.076	0.115	0.18	0.117
SI0008R	benz_a_anthracene	pm10	0.522	0.335	0.146	0.074	0.051	0.024	0.022	0.02	0.034	0.087	0.116	0.346	0.145
DE0001R	benzo_a_anthracene	air+aerosol	1.093	0.111	0.024	0.031	0.019	0.006	0.003	0.006	0.069	0.139	0.081	0.175	0.153
DE0009R	benzo_a_anthracene	air+aerosol	1.461	0.156	0.053	0.076	0.011	0.006	0.008	0.007	0.063	0.389	0.144	0.333	0.235
ES0001R	benzo_a_anthracene	pm10	-	-	0.02	0.025	0.02	-	-	-	-	-	-	-	-
ES0006R	benzo_a_anthracene	pm10	-	-	-	-	-	-	-	-	-	0.02	0.02	0.02	-
ES0007R	benzo_a_anthracene	pm10	-	-	-	-	0.02	0.02	0.02	-	-	-	-	-	-
ES0008R	benzo_a_anthracene	pm10	0	0.051	0.2	0.073	0.039	0.081	0.117	0.121	0.02	0.037	0.02	0.06	0.062
ES0014R	benzo_a_anthracene	pm10	-	-	-	-	-	-	-	0.147	0.197	-	-	-	-
KZ0001R	benzo_a_fluoranthene	air+aerosol	-	-	-	0.024	0.021	0.005	0.006	-	-	-	-	-	-
MD0013R	benzo_a_fluoranthene	air+aerosol	0.195	0.055	0.13	0.069	0.009	0.013	0.013	0.051	0.028	0.061	-	-	0.054
NO0002R	benzo_a_fluoranthene	air+aerosol	0.014	0.026	0.003	0.002	0.001	0.002	0.001	0.001	0.002	0.031	0.002	0.032	0.009
NO0042G	benzo_a_fluoranthene	air+aerosol	0.003	0.005	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002
NO0090R	benzo_a_fluoranthene	air+aerosol	0.001	0.027	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.003
KZ0001R	benzo_a_fluorene	air+aerosol	-	-	-	0.267	0.284	0.268	0.27	-	-	-	-	-	-
MD0013R	benzo_a_fluorene	air+aerosol	-	0.24	0.242	0.244	0.183	0.216	0.172	0.187	0.184	0.242	-	-	0.206
NO0002R	benzo_a_fluorene	air+aerosol	0.126	0.127	0.128	0.128	0.128	0.126	0.125	0.126	0.124	0.124	0.122	0.12	0.125
NO0042G	benzo_a_fluorene	air+aerosol	0.076	0.071	0.07	0.07	0.071	0.07	0.071	0.029	0.036	0.001	0.044	0.07	0.056
NO0090R	benzo_a_fluorene	air+aerosol	0.143	0.131	0.136	0.142	0.136	0.138	0.132	0.103	0.046	0.051	0.068	0.067	0.099
BE0013R	benzo_a_pyrene	air+aerosol	0.746	0.263	0.276	0.059	0.068	0.091	0.05	0.032	0.078	0.06	0.138	0.377	0.173
CY0002R	benzo_a_pyrene	pm10	-	-	0.057	0.032	0.014	0.009	0.009	0.005	0.005	-	-	-	-
CZ0003R	benzo_a_pyrene	air+aerosol	0.77	0.348	0.399	0.103	0.023	0.009	0.003	0.006	0.044	0.373	0.162	0.723	0.251
DE0001R	benzo_a_pyrene	air+aerosol	1.178	0.159	0.022	0.051	0.015	0.006	0.003	0.007	0.061	0.144	0.068	0.165	0.164
DE0003R	benzo_a_pyrene	air+aerosol	0.238	0.114	0.152	0.017	0.007	0.004	0.005	0.003	0.012	0.044	0.028	0.057	0.058
DE0008R	benzo_a_pyrene	air+aerosol	0.49	0.35	0.14	0.03	0.01	0.01	0.00	0.01	0.03	0.08	0.08	0.547	0.144
DE0009R	benzo_a_pyrene	air+aerosol	1.628	0.232	0.079	0.097	0.013	0.008	0.008	0.009	0.072	0.386	0.138	0.27	0.256
ES0001R	benzo_a_pyrene	pm10	-	-	0.02	0.039	0.02	-	-	-	-	-	-	-	-
ES0006R	benzo_a_pyrene	pm10	-	-	-	-	-	-	-	-	-	0.293	0.268	0.02	-
ES0007R	benzo_a_pyrene	pm10	-	-	-	-	0.0	0.0	0.2	-	-	-	-	-	-
ES0008R	benzo_a_pyrene	pm10	0	0.147	0.823	0.076	0.052	0.122	0.13	0.077	0.02	0.028	0.02	0.036	0.094
ES0014R	benzo_a_pyrene	pm10	-	-	-	-	-	-	-	0.113	0.226	-	-	-	-
FI0096G	benzo_a_pyrene	air+aerosol	0.082	0.07	0.004	0.003	0.002	0.002	0.001	0.036	0.005	0.008	0.01	0.045	0.021
KZ0001R	benzo_a_pyrene	air+aerosol	-	-	-	0.063	0.059	0.011	0.015	-	-	-	-	-	-
LV0010R	benzo_a_pyrene	pm10	1.27	0.683	0.186	0.12	0.075	0.01	0.02	0.02	0.04	0.26	0.7	1.19	0.354
MD0013R	benzo_a_pyrene	air+aerosol	0.633	0.159	0.369	0.269	0.023	0.049	0.044	0.179	0.084	0.153	-	-	0.174
NL0009R	benzo_a_pyrene	pm10	0.524	0.093	0.009	0.011	0.002	0.003	0.007	0.006	0.012	0.049	0.06	0.116	0.08
NL0091R	benzo_a_pyrene	pm10	0.389	0.158	0.018	0.015	0.01	0.027	0.012	0.009	0.021	0.052	0.122	0.26	0.09
NO0002R	benzo_a_pyrene	air+aerosol	0.063	0.051	0.009	0.01	0.009	0.018	0.006	0.003	0.007	0.084	0.013	0.123	0.032
NO0042G	benzo_a_pyrene	air+aerosol	0.01	0.019	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.006	0.003
NO0090R	benzo_a_pyrene	air+aerosol	0.002	0.039	0.002	0.003	0.003	0.002	0.002	0.001	0.001	0.003	0.004	0.003	0.005

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PL0005R	benzo_a_pyrene	pm10	2.488	1.593	0.656	0.251	0.082	0.02	0.009	0.037	0.187	0.628	0.787	2.252	0.715
SE0011R	benzo_a_pyrene	air+aerosol	0.085	0.085	0.033	0.017	0.003	0.002	0.005	0.003	0.002	0.009	0.001	0.076	0.02
SE0012R	benzo_a_pyrene	air+aerosol	0.18	0.12	0.029	0.03	0.008	0.005	0.008	0.009	0.021	0.038	0.045	0.17	0.054
SE0014R	benzo_a_pyrene	air+aerosol	0.62	0.41	0.079	0.035	0.015	0.02	0.003	0.008	0.031	0.14	0.205	0.28	0.149
SI0008R	benzo_a_pyrene	pm10	0.774	0.519	0.23	0.091	0.05	0.021	0.029	0.02	0.074	0.187	0.214	0.641	0.232
CY0002R	benzo_b_fluoranthene	pm10	-	-	0.055	0.04	0.018	0.011	0.017	0.02	0.009	-	-	-	-
CZ0003R	benzo_b_fluoranthene	air+aerosol	1.436	0.743	0.499	0.217	0.062	0.015	0.007	0.013	0.05	0.623	0.342	1.356	0.45
ES0001R	benzo_b_fluoranthene	pm10	-	-	0.02	0.065	0.02	-	-	-	-	-	-	-	-
ES0006R	benzo_b_fluoranthene	pm10	-	-	-	-	-	-	-	-	-	0.02	0.02	0.02	-
ES0007R	benzo_b_fluoranthene	pm10	-	-	-	-	0.02	0.02	0.055	-	-	-	-	-	-
ES0008R	benzo_b_fluoranthene	pm10	0	0.02	0.02	0.511	0.324	0	0.12	0.113	0.02	0.16	0.02	0.114	0.124
ES0014R	benzo_b_fluoranthene	pm10	-	-	-	-	-	-	-	0.193	0.236	-	-	-	-
FI0096G	benzo_b_fluoranthene	air+aerosol	0.13	0.14	0.012	0.009	0.007	0.004	0.001	0.007	0.01	0.013	0.018	0.076	0.034
LV0010R	benzo_b_fluoranthene	pm10	2.51	1.544	0.414	0.235	0.155	0.02	0.11	0.02	0.06	0.2	0.61	1.21	0.58
PL0005R	benzo_b_fluoranthene	pm10	3.416	2.679	1.157	0.529	0.111	0.049	0.011	0.054	0.281	1.013	1.358	3.873	1.156
SE0011R	benzo_b_fluoranthene	air+aerosol	0.23	0.23	0.104	0.044	0.011	0.007	0.011	0.009	0.005	0.02	0.002	0.13	0.051
SE0012R	benzo_b_fluoranthene	air+aerosol	0.35	0.23	0.056	0.051	0.024	0.012	0.017	0.018	0.037	0.062	0.083	0.29	0.1
SE0014R	benzo_b_fluoranthene	air+aerosol	1	0.73	0.171	0.092	0.045	0.016	0.009	0.013	0.053	0.25	0.369	0.5	0.262
KZ0001R	benzo_b_fluorene	air+aerosol	-	-	-	0.031	0.035	0.031	0.031	-	-	-	-	-	-
MD0013R	benzo_b_fluorene	air+aerosol	-	-	-	0.028	0.023	0.024	0.028	-	-	-	-	-	0.025
NO0002R	benzo_b_fluorene	air+aerosol	0.015	0.014	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014
NO0042G	benzo_b_fluorene	air+aerosol	0.009	0.008	0.066	0.008	0.008	0.006	0.008	0.005	0.005	0.004	0.007	0.008	0.013
NO0090R	benzo_b_fluorene	air+aerosol	0.016	0.015	0.016	0.016	0.015	0.016	0.015	0.016	0.01	0.008	0.008	0.008	0.012
DE0001R	benzo_bjk_fluoranthenes	air+aerosol	4.1	0.58	0.137	0.32	0.07	0.029	0.02	0.034	0.192	0.47	0.329	0.57	0.596
DE0003R	benzo_bjk_fluoranthenes	air+aerosol	0.923	0.389	0.546	0.083	0.043	0.018	0.02	0.015	0.05	0.158	0.133	0.229	0.22
DE0008R	benzo_bjk_fluoranthenes	air+aerosol	1.51	0.99	0.46	0.14	0.07	0.03	0.01	0.05	0.10	0.28	0.30	1.58	0.448
DE0009R	benzo_bjk_fluoranthenes	air+aerosol	4.54	0.66	0.246	0.291	0.05	0.031	0.04	0.033	0.227	1.15	0.523	0.87	0.751
KZ0001R	benzo_bjk_fluoranthenes	air+aerosol	-	-	-	0.163	0.174	0.052	0.059	-	-	-	-	-	-
MD0013R	benzo_bjk_fluoranthenes	air+aerosol	2.564	0.761	1.508	0.848	0.087	0.175	0.156	0.652	0.297	0.446	-	-	0.663
NL0009R	benzo_bjk_fluoranthenes	pm10	0.802	0.14	0.022	0.023	0.004	0.005	0.01	0.012	0.021	0.069	0.125	0.223	0.13
NO0002R	benzo_bjk_fluoranthenes	air+aerosol	0.203	0.181	0.039	0.043	0.046	0.098	0.032	0.03	0.028	0.227	0.052	0.34	0.107
NO0042G	benzo_bjk_fluoranthenes	air+aerosol	0.055	0.069	0.015	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.01	0.032	0.02
NO0090R	benzo_bjk_fluoranthenes	air+aerosol	0.024	0.16	0.023	0.024	0.023	0.024	0.023	0.023	0.016	0.016	0.017	0.017	0.03
SI0008R	benzo_bjk_fluoranthenes	pm10	2.148	1.495	0.789	0.357	0.2	0.146	0.153	0.072	0.164	0.538	0.612	1.699	0.687
KZ0001R	benzo_e_pyrene	air+aerosol	-	-	-	0.067	0.063	0.028	0.029	-	-	-	-	-	-
MD0013R	benzo_e_pyrene	air+aerosol	0.809	0.247	0.472	0.311	0.039	0.071	0.067	0.256	0.114	0.173	-	-	0.228
NO0002R	benzo_e_pyrene	air+aerosol	0.075	0.067	0.025	0.021	0.03	0.091	0.014	0.016	0.013	0.109	0.023	0.122	0.05
NO0042G	benzo_e_pyrene	air+aerosol	0.021	0.024	0.009	0.007	0.007	0.007	0.007	0.005	0.006	0.007	0.006	0.014	0.009
NO0090R	benzo_e_pyrene	air+aerosol	0.014	0.057	0.014	0.014	0.014	0.014	0.013	0.014	0.009	0.008	0.008	0.009	0.014
KZ0001R	benzo_ghi_fluoranthene	air+aerosol	-	-	-	0.037	0.035	0.01	0.011	-	-	-	-	-	-
MD0013R	benzo_ghi_fluoranthene	air+aerosol	0.711	0.236	0.391	0.307	0.051	0.08	0.08	0.297	0.117	0.211	-	-	0.221
NO0002R	benzo_ghi_fluoranthene	air+aerosol	0.084	0.069	0.019	0.017	0.019	0.071	0.011	0.008	0.013	0.117	0.026	0.124	0.047
NO0042G	benzo_ghi_fluoranthene	air+aerosol	0.01	0.015	0.004	0.002	0.002	0.002	0.002	0.001	0.002	0.002	0.002	0.006	0.004
NO0090R	benzo_ghi_fluoranthene	air+aerosol	0.003	0.037	0.003	0.005	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.006	0.006
BE0013R	benzo_ghi_perylene	air+aerosol	0.449	0.235	0.261	0.091	0.036	0.073	0.076	0.041	0.074	0.128	0.196	0.509	0.169
CY0002R	benzo_ghi_perylene	pm10	-	-	0.042	0.03	0.018	0.008	0.021	0.018	0.016	-	-	-	-
CZ0003R	benzo_ghi_perylene	air+aerosol	0.682	0.387	0.249	0.086	0.02	0.003	0.003	0.003	0.038	0.308	0.165	0.536	0.207

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
DE0001R	benzo_ghi_perylene	air+aerosol	0.79	0.14	0.044	0.09	0.03	0.01	0.01	0.012	0.07	0.16	0.135	0.27	0.151
DE0003R	benzo_ghi_perylene	air+aerosol	0.214	0.107	0.097	0.028	0.017	0.006	0.007	0.004	0.018	0.056	0.052	0.076	0.057
DE0008R	benzo_ghi_perylene	air+aerosol	0.36	0.27	0.16	0.05	0.02	0.01	0.00	0.02	0.04	0.10	0.11	0.501	0.133
DE0009R	benzo_ghi_perylene	air+aerosol	1.024	0.182	0.087	0.094	0.02	0.012	0.012	0.013	0.087	0.415	0.199	0.317	0.211
ES0001R	benzo_ghi_perylene	pm10	-	-	0.059	0.024	0.015	-	-	-	-	-	- -		-
ES0006R	benzo_ghi_perylene	pm10	-	-	-	-	-	-	-	-	-	0.015	0.015	0.015	-
ES0007R	benzo_ghi_perylene	pm10	-	-	-	-	0.015	0.061	0.091	-	-	-	-	-	-
ES0008R	benzo_ghi_perylene	pm10	0	0.168	1.076	0.092	0.041	0.042	0.139	0.058	0.015	0.054	0.015	0.053	0.102
ES0014R	benzo_ghi_perylene	pm10	-	-	-	-	-	-	-	0.071	0.241	-	-	-	-
FI0096G	benzo_ghi_perylene	air+aerosol	0.1	0.083	0.009	0.006	0.004	0.002	0.001	0.002	0.007	0.009	0.009	0.043	0.022
KZ0001R	benzo_ghi_perylene	air+aerosol	-	-	-	0.072	0.076	0.022	0.027	-	-	-	-	-	-
MD0013R	benzo_ghi_perylene	air+aerosol	0.636	0.215	0.332	0.26	0.036	0.038	0.05	0.207	0.063	0.095	-	-	0.175
NL0009R	benzo_ghi_perylene	air+aerosol	0.635	0.144	0.02	0.035	0.004	0.005	0.01	0.012	0.022	0.079	0.146	0.233	0.123
NO0002R	benzo_ghi_perylene	air+aerosol	0.04	0.044	0.01	0.007	0.006	0.003	0.004	0.003	0.005	0.042	0.012	0.085	0.022
NO0042G	benzo_ghi_perylene	air+aerosol	0.018	0.022	0.004	0.002	0.003	0.002	0.002	0.002	0.002	0.002	0.003	0.01	0.005
NO0090R	benzo_ghi_perylene	air+aerosol	0.004	0.051	0.004	0.005	0.004	0.004	0.004	0.004	-	0.006	0.006	0.009	0.009
SE0011R	benzo_ghi_perylene	air+aerosol	0.23	0.23	0.133	0.078	0.023	0.011	0.014	0.011	0.007	0.022	0.003	0.13	0.06
SE0012R	benzo_ghi_perylene	air+aerosol	0.26	0.16	0.04	0.034	0.015	0.006	0.01	0.013	0.024	0.046	0.059	0.23	0.073
SE0014R	benzo_ghi_perylene	air+aerosol	1	0.81	0.026	0.071	0.028	0.011	0.006	0.009	0.056	0.3	0.431	0.58	0.268
CY0002R	benzo_k_fluoranthene	pm10	-	-	0.022	0.015	0.006	0.004	0	0	0	-	-	-	-
CZ0003R	benzo_k_fluoranthene	air+aerosol	0.562	0.317	0.27	0.087	0.024	0.01	0.006	0.011	0.042	0.26	0.138	0.495	0.187
ES0001R	benzo_k_fluoranthene	pm10	-	-	0.0	0.1	0.0	-	-	-	-	-	-	-	-
ES0006R	benzo_k_fluoranthene	pm10	-	-	-	-	-	-	-	-	-	0.02	0.02	0.02	-
ES0007R	benzo_k_fluoranthene	pm10	-	-	-	-	0.02	0.028	0.165	-	-	-	-	-	-
ES0008R	benzo_k_fluoranthene	pm10	0.009	0.02	0.02	0.138	0.097	0	0.092	0.073	0.02	0.025	0.02	0.038	0.048
ES0014R	benzo_k_fluoranthene	pm10	-	-	-	-	-	-	-	0.124	0.239	-	-	-	-
FI0096G	benzo_k_fluoranthene	air+aerosol	0.056	0.055	0.004	0.003	0.002	0.001	0.001	0.003	0.004	0.006	0.008	0.033	0.014
LV0010R	benzo_k_fluoranthene	pm10	0.93	0.583	0.163	0.11	0.065	0.005	0.08	0.02	0.06	0.23	0.54	1.24	0.311
PL0005R	benzo_k_fluoranthene	pm10	1.394	0.969	0.409	0.157	0.043	0.02	0.004	0.021	0.105	0.361	0.478	1.405	0.427
SE0011R	benzo_k_fluoranthene	air+aerosol	0.086	0.086	0.038	0.017	0.004	0.002	0.004	0.003	0.002	0.007	0.001	0.056	0.019
SE0012R	benzo_k_fluoranthene	air+aerosol	0.14	0.088	0.021	0.02	0.009	0.004	0.006	0.007	0.015	0.021	0.033	0.12	0.039
SE0014R	benzo_k_fluoranthene	air+aerosol	0.42	0.29	0.067	0.034	0.014	0.005	0.003	0.004	0.021	0.1	0.154	0.21	0.107
KZ0001R	biphenyl	air+aerosol	-	-	-	0.225	0.176	0.213	0.146	-	-	-	-	-	-
MD0013R	biphenyl	air+aerosol	18.237	2.108	2.29	1.893	0.681	0.395	0.319	0.408	0.356	1.333	-	-	1.579
NO0002R	biphenyl	air+aerosol	1.409	1.707	0.275	0.218	0.09	0.072	0.068	0.068	0.084	0.287	0.437	2.075	0.571
NO0042G	biphenyl	air+aerosol	1.783	1.493	0.913	0.065	0.065	0.038	0.038	0.038	0.081	0.422	0.803	1.093	0.531
NO0090R	biphenyl	air+aerosol	0.299	0.769	0.351	0.139	0.074	0.075	0.072	0.074	0.054	0.144	0.233	0.231	0.212
DK0010G	cis_CD	air	-	-	0.31	0.6	0.768	0.699	0.41	0.605	0.698	0.684	0.418	0.15	0.533
IS0091R	cis_CD	air+aerosol	0.39	0.461	0.539	0.492	0.801	0.701	0.849	0.811	0.652	0.511	0.337	0.347	0.576
KZ0001R	cis_CD	air+aerosol	-	-	-	0.317	0.301	0.323	0.462	-	-	-	-	-	-
MD0013R	cis_CD	air+aerosol	0.442	0.392	0.528	0.403	0.477	0.456	0.839	0.655	0.566	0.211	-	-	0.525
NO0002R	cis_CD	air+aerosol	0.257	0.326	0.405	0.439	0.609	0.558	0.749	0.773	0.58	0.598	0.359	0.372	0.502
NO0042G	cis_CD	air+aerosol	0.475	0.413	0.37	0.572	0.462	0.337	0.409	0.462	0.536	0.59	0.637	0.598	0.486
NO0090R	cis_CD	air+aerosol	0.376	0.473	0.486	0.548	0.522	0.407	0.601	0.577	0.643	0.594	0.535	0.589	0.527
KZ0001R	cis_NO	air+aerosol	-	-	-	0.023	0.032	0.052	0.082	-	-	-	-	-	-
MD0013R	cis_NO	air+aerosol	0.044	0.031	0.125	1.263	0.083	0.334	0.114	0.067	0.239	0.046	-	-	0.283

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NO0002R	cis_NO	air+aerosol	0.013	0.018	0.024	0.046	0.065	0.062	0.092	0.099	0.074	0.057	0.051	0.566	0.105
NO0042G	cis_NO	air+aerosol	0.012	0.014	0.015	0.04	0.049	0.051	0.063	0.076	0.077	0.157	0.173	0.357	0.097
NO0090R	cis_NO	air+aerosol	0.017	0.028	0.024	0.043	0.047	0.048	0.076	0.08	0.076	0.046	0.032	0.032	0.047
DK0010G	trans_CD	air	-	-	0.158	0.244	0.245	0.181	0.235	0.254	0.166	0.159	0.122	0.096	0.188
IS0091R	trans_CD	air+aerosol	0.232	0.207	0.218	0.192	0.185	0.12	0.232	0.209	0.143	0.116	0.129	0.168	0.179
KZ0001R	trans_CD	air+aerosol	-	-	-	0.104	0.102	0.049	0.072	-	-	-	-	-	-
MD0013R	trans_CD	air+aerosol	0.373	0.441	0.45	0.604	0.913	0.803	1.072	0.871	0.556	0.25	-	-	0.639
NO0002R	trans_CD	air+aerosol	0.152	0.216	0.254	0.224	0.261	0.16	0.287	0.287	0.173	0.255	0.16	0.195	0.219
NO0042G	trans_CD	air+aerosol	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.171
NO0090R	trans_CD	air+aerosol	0.27	0.359	0.411	0.472	0.45	0.163	0.532	0.238	0.226	0.16	0.229	0.355	0.337
DK0010G	trans_NO	air	-	-	0.184	0.494	0.678	1.59	0.506	0.468	0.475	0.456	0.262	0.087	0.521
IS0091R	trans_NO	air+aerosol	0.369	0.254	0.272	0.266	0.317	0.311	0.448	0.446	0.339	0.298	0.221	0.237	0.316
KZ0001R	trans_NO	air+aerosol	-	-	-	0.338	0.288	0.269	0.37	-	-	-	-	-	-
MD0013R	trans_NO	air+aerosol	0.243	0.278	0.513	0.545	0.878	0.61	1.138	0.637	0.516	0.242	-	-	0.602
NO0002R	trans_NO	air+aerosol	0.205	0.287	0.345	0.427	0.503	0.462	0.646	0.65	0.474	0.577	0.32	0.32	0.433
NO0042G	trans_NO	air+aerosol	0.4	0.3	0.3	0.5	0.4	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.388
NO0090R	trans_NO	air+aerosol	0.28	0.397	0.41	0.518	0.478	0.336	0.458	0.434	0.491	0.438	0.447	0.516	0.428
ES0001R	chrysene	pm10	-	-	0.015	0.052	0.015	-	-	-	-	-	-	-	-
ES0006R	chrysene	pm10	-	-	-	-	-	-	-	-	-	0.015	0.015	0.015	-
ES0007R	chrysene	pm10	-	-	-	-	0.015	0.015	0.015	-	-	-	-	-	-
ES0008R	chrysene	pm10	0	0.17	0.834	0.292	0.248	0	0.16	0.089	0.015	0.226	0.015	0.088	0.146
ES0014R	chrysene	pm10	-	-	-	-	-	-	-	0.171	0.246	-	-	-	-
FI0096G	chrysene	air+aerosol	0.16	0.17	0.014	0.029	0.045	0.011	0.001	0.009	0.015	0.026	0.026	0.094	0.052
NL0009R	chrysene	air+aerosol	1.007	0.179	0.025	0.022	0.004	0.005	0.012	0.012	0.022	0.073	0.122	0.239	0.154
SE0011R	chrysene	air+aerosol	0.1	0.1	0.029	0.015	0.003	0.008	0.008	0.005	0.003	0.01	0.002	0.071	0.022
SE0012R	chrysene	air+aerosol	0.32	0.2	0.045	0.016	0.051	0.016	0.019	0.024	0.041	0.087	0.093	0.28	0.097
SE0014R	chrysene	air+aerosol	1	0.79	0.226	0.1	0.066	0.093	0.025	0.074	0.098	0.31	0.448	0.56	0.307
BE0013R	chrysene_triphenylene	air+aerosol	0.404	0.224	0.193	0.056	0.095	0.148	0.066	0.019	0.103	0.098	0.196	0.561	0.17
DE0001R	chrysene_triphenylene	air+aerosol	2.494	0.398	0.093	0.186	0.062	0.033	0.02	0.027	0.137	0.323	0.113	0.451	0.376
DE0003R	chrysene_triphenylene	air+aerosol	0.448	0.189	0.284	0.051	0.03	0.015	0.016	0.016	0.048	0.114	0.086	0.137	0.121
DE0008R	chrysene_triphenylene	air+aerosol	0.812	0.538	0.274	0.078	0.042	0.023	0.007	0.031	0.058	0.155	0.163	0.953	0.255
DE0009R	chrysene_triphenylene	air+aerosol	3.069	0.389	0.147	0.155	0.039	0.035	0.04	0.029	0.138	0.696	0.325	0.66	0.496
KZ0001R	chrysene_triphenylene	air+aerosol	-	-	-	0.204	0.217	0.205	0.206	-	-	-	-	-	-
MD0013R	chrysene_triphenylene	air+aerosol	1.809	0.53	0.682	0.546	0.14	0.181	0.16	0.399	0.222	0.201	-	-	0.431
NO0002R	chrysene_triphenylene	air+aerosol	0.123	0.129	0.098	0.098	0.098	0.099	0.096	0.096	0.095	0.186	0.094	0.208	0.117
NO0042G	chrysene_triphenylene	air+aerosol	0.059	0.062	0.053	0.053	0.054	0.053	0.054	0.054	0.054	0.054	0.055	0.053	0.055
NO0090R	chrysene_triphenylene	air+aerosol	0.109	0.127	0.104	0.108	0.104	0.106	0.101	0.105	0.069	0.077	0.052	0.051	0.087
KZ0001R	coronene	air+aerosol	-	-	-	0.037	0.04	0.011	0.014	-	-	-	-	-	-
MD0013R	coronene	air+aerosol	0.41	0.129	0.211	0.154	0.028	0.037	0.042	0.231	0.066	0.149	-	-	0.127
NO0002R	coronene	air+aerosol	0.041	0.036	0.007	0.009	0.004	0.01	0.004	0.005	0.006	0.05	0.013	0.07	0.022
NO0042G	coronene	air+aerosol	0.007	0.012	0.004	0.002	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.004	0.003
NO0090R	coronene	air+aerosol	0.003	0.026	0.003	0.003	0.003	0.003	0.003	0.003	0.015	0.003	0.005	0.005	0.006
KZ0001R	cyclopenta_cd_pyrene	air+aerosol	-	-	-	0.023	0.017	0.006	0.005	-	-	-	-	-	-
MD0013R	cyclopenta_cd_pyrene	air+aerosol	0.052	0.026	0.119	0.088	0.007	0.011	0.015	0.019	0.021	0.045	-	-	0.04
NO0002R	cyclopenta_cd_pyrene	air+aerosol	0.021	0.018	0.004	0.004	0.002	0.003	0.002	0.002	0.003	0.03	0.004	0.042	0.011
NO0042G	cyclopenta_cd_pyrene	air+aerosol	0.003	0.008	0.002	0.001	0.009	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.003
NO0090R	cyclopenta_cd_pyrene	air+aerosol	0.002	0.014	0.002	0.003	0.002	0.003	0.002	0.001	0.001	0.002	0.002	0.001	0.003

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KZ0001R	dibenzo_ac_ah_anthracenes	air+aerosol	-	-	-	0.012	0.012	0.005	0.007	-	-	-	-	-	-
MD0013R	dibenzo_ac_ah_anthracenes	air+aerosol	0.107	0.04	0.053	0.037	0.007	0.011	0.011	0.031	0.018	0.031	-	-	0.03
NO0002R	dibenzo_ac_ah_anthracenes	air+aerosol	0.012	0.011	0.004	0.004	0.004	0.016	0.002	0.002	0.002	0.016	0.004	0.017	0.007
NO0042G	dibenzo_ac_ah_anthracenes	air+aerosol	0.003	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
NO0090R	dibenzo_ac_ah_anthracenes	air+aerosol	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.002
KZ0001R	dibenzo_ae_pyrene	air+aerosol	-	-	-	0.004	0.005	0.004	0.004	-	-	-	-	-	-
MD0013R	dibenzo_ae_pyrene	air+aerosol	-	-	-	0.004	-	0.004	0.004	0.062	-	-	-	-	0.016
NO0002R	dibenzo_ae_pyrene	air+aerosol	-	0.008	0.002	0.003	0.005	0.002	0.002	0.002	0.002	0.011	0.001	0.001	0.004
NO0042G	dibenzo_ae_pyrene	air+aerosol	0.002	0.002	0.001	0.002	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	0.002	0.003	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.002	0.002
CZ0003R	dibenzo_ah_anthracene	air+aerosol	0.057	0.028	0.016	0.005	0.003	0.003	0.003	0.003	0.003	0.018	0.013	0.042	0.016
DE0001R	dibenzo_ah_anthracene	air+aerosol	0.212	0.028	0.007	0.017	0.004	0.002	0.001	0.002	0.01	0.025	0.02	0.033	0.031
DE0003R	dibenzo_ah_anthracene	air+aerosol	0.043	0.017	0.022	0.004	0.003	0.001	0.001	0.001	0.002	0.007	0.006	0.01	0.01
DE0008R	dibenzo_ah_anthracene	air+aerosol	0.074	0.043	0.026	0.008	0.004	0.002	0.001	0.002	0.005	0.015	0.013	0.08	0.022
DE0009R	dibenzo_ah_anthracene	air+aerosol	0.226	0.034	0.014	0.018	0.003	0.002	0.002	0.002	0.013	0.071	0.032	0.052	0.041
ES0001R	dibenzo_ah_anthracene	pm10	-	-	0.023	0.015	0.015	-	-	-	-	-	-	-	-
ES0006R	dibenzo_ah_anthracene	pm10	-	-	-	-	-	-	-	-	-	0.015	0.015	0.015	-
ES0008R	dibenzo_ah_anthracene	pm10	0	0.023	0.098	0.012	0	0.116	0.048	0.036	0.015	0.015	0.015	0.02	0.029
ES0014R	dibenzo_ah_anthracene	pm10	-	-	-	-	-	-	-	0.037	0.066	-	-	-	-
LV0010R	dibenzo_ah_anthracene	pm10	0.18	0.103	0.026	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.04	0.21	0.049
NL0009R	dibenzo_ah_anthracene	pm10	0.108	0.02	0.003	0.003	0.001	0.001	0.002	0.002	0.002	0.011	0.018	0.032	0.018
PL0005R	dibenzo_ah_anthracene	pm10	0.197	0.175	0.057	0.037	0.031	0.006	0.002	0.011	0.03	0.069	0.07	0.135	0.066
SI0008R	dibenzo_ah_anthracene	pm10	0.136	0.088	0.074	0.028	0.023	0.027	0.027	0.027	0.04	0.061	0.058	0.128	0.058
KZ0001R	dibenzo_ah_pyrene	air+aerosol	-	-	-	0.004	0.005	0.004	0.004	-	-	-	-	-	-
MD0013R	dibenzo_ah_pyrene	air+aerosol	0.004	0.004	-	0.002	0.001	0.002	0.001	0.005	0.003	0.004	-	-	0.003
NO0002R	dibenzo_ah_pyrene	air+aerosol	0.002	0.007	0.003	0.003	0.004	0.002	0.002	0.002	0.002	0.03	0.001	0.002	0.005
NO0042G	dibenzo_ah_pyrene	air+aerosol	0.012	0.001	0.001	0.005	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002
NO0090R	dibenzo_ah_pyrene	air+aerosol	0.002	0.002	0.002	0.003	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002
KZ0001R	dibenzo_ai_pyrene	air+aerosol	-	-	-	0.006	0.007	0.006	0.006	-	-	-	-	-	-
MD0013R	dibenzo_ai_pyrene	air+aerosol	0.012	0.006	-	0.006	0.003	0.004	0.001	0.012	0.006	0.006	-	-	0.006
NO0002R	dibenzo_ai_pyrene	air+aerosol	0.005	0.009	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.011	0.001	0.002	0.004
NO0042G	dibenzo_ai_pyrene	air+aerosol	0.002	0.002	0.002	0.005	0.002	0.002	0.002	0.003	0.001	0.001	0.001	0.001	0.002
NO0090R	dibenzo_ai_pyrene	air+aerosol	0.003	0.003	0.003	0.008	0.003	0.003	0.003	0.002	0.001	0.001	0.001	0.002	0.002
KZ0001R	dibenzofuran	air+aerosol	-	-	-	0.783	0.807	0.638	0.642	-	-	-	-	-	-
MD0013R	dibenzofuran	air+aerosol	31.135	8.546	7.431	2.241	0.708	0.566	0.569	0.802	0.749	2.398	-	-	4.16
NO0002R	dibenzofuran	air+aerosol	3.465	4.537	1.086	0.87	0.411	0.34	0.305	0.3	0.328	0.975	0.89	3.173	1.389
NO0042G	dibenzofuran	air+aerosol	1.948	2.136	1.488	0.417	0.169	0.165	0.169	0.169	0.198	0.563	0.742	1.356	0.752
NO0090R	dibenzofuran	air+aerosol	0.768	1.929	1.191	0.435	0.324	0.329	0.315	0.326	0.215	0.326	0.617	0.619	0.6
KZ0001R	dibenzothiophene	air+aerosol	-	-	-	0.136	0.145	0.137	0.137	-	-	-	-	-	-
MD0013R	dibenzothiophene	air+aerosol	0.607	0.491	0.3	0.26	0.158	0.228	0.246	0.414	0.194	0.325	-	-	0.303
NO0002R	dibenzothiophene	air+aerosol	0.066	0.064	0.075	0.067	0.065	0.066	0.07	0.068	0.063	0.112	0.064	0.07	0.071
NO0042G	dibenzothiophene	air+aerosol	0.039	0.036	0.036	0.036	0.036	0.035	0.036	0.036	0.036	0.036	0.037	0.035	0.036
NO0090R	dibenzothiophene	air+aerosol	0.073	0.067	0.069	0.072	0.069	0.07	0.067	0.07	0.046	0.035	0.035	0.034	0.054
DE0001R	dieldrin	air+aerosol	1.2	1.6	1.941	2.39	1.7	2.659	4.8	5	2.5	2.5	2.146	0.7	2.447
DE0009R	dieldrin	air+aerosol	0.9	2.5	1.828	2.103	1.5	2.031	3.8	3.286	2.286	1.3	1.475	0.8	1.987
DK0010G	dieldrin	air	-	-	0.226	0.704	1.052	2.095	1.724	2.479	1.298	1.349	0.662	0.879	1.261
IS0091R	dieldrin	air+aerosol	0.633	0.361	0.98	0.351	0.63	0.551	0.971	0.743	0.848	0.608	0.38	0.428	0.627

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DE0001R	endrin	air+aerosol	0.1	0.38	0.098	0.193	0.09	0.191	0.21	0.291	0.138	0.12	0.117	0.04	0.163
DE0009R	endrin	air+aerosol	0.09	0.49	0.195	0.123	0.08	0.097	0.19	0.207	0.125	0.08	0.138	0.07	0.155
DK0010G	endrin	air	-	-	0	0.012	0	-	0.186	0.179	0.052	0.016	0	0.035	0.057
BE0013R	fluoranthene	air+aerosol	0.95	0.462	0.39	0.08	0.086	0.146	0.064	0.019	0.113	0.108	0.33	1.304	0.312
CY0002R	fluoranthene	pm10	-	-	0.025	0.005	0.001	0.001	0.001	0.001	0.001	-	-	-	-
CZ0003R	fluoranthene	air+aerosol	5.162	2.961	1.194	0.94	0.471	0.277	0.229	0.195	0.537	1.551	1.272	4.667	1.625
DE0001R	fluoranthene	air+aerosol	5.49	1.34	0.376	0.684	0.46	0.533	0.31	0.321	0.911	1.09	0.975	1.37	1.183
DE0003R	fluoranthene	air+aerosol	1.32	0.77	1.04	0.231	0.24	0.142	0.17	0.144	0.258	0.41	0.366	0.53	0.471
DE0008R	fluoranthene	air+aerosol	3.214	2.094	1.128	0.371	0.286	0.191	0.082	0.203	0.282	0.598	0.642	3.487	1.026
DE0009R	fluoranthene	air+aerosol	7.11	1.55	0.56	0.508	0.18	0.203	0.24	0.175	0.376	1.47	0.885	1.82	1.294
ES0006R	fluoranthene	pm10	-	-	-	-	-	-	-	-	-	0.035	0.035	0.035	-
ES0008R	fluoranthene	pm10	0	0.138	0.619	0.262	0.404	0	0.164	0.144	0.035	0.104	0.035	0.081	0.142
FI0096G	fluoranthene	air+aerosol	0.45	0.46	0.079	0.065	0.04	0.031	0.05	0.05	0.051	0.069	0.114	0.31	0.143
KZ0001R	fluoranthene	air+aerosol	-	-	-	0.372	0.331	0.143	0.15	-	-	-	-	-	-
MD0013R	fluoranthene	air+aerosol	5.771	2.399	2.718	1.993	0.465	0.642	0.708	2.137	0.699	0.885	-	-	1.68
NO0002R	fluoranthene	air+aerosol	0.466	0.407	0.127	0.133	0.101	0.074	0.087	0.084	0.076	0.339	0.117	0.56	0.212
NO0042G	fluoranthene	air+aerosol	0.108	0.131	0.04	0.036	0.037	0.036	0.037	0.037	0.037	0.036	0.038	0.063	0.05
NO0090R	fluoranthene	air+aerosol	0.075	0.318	0.071	0.074	0.102	0.072	0.069	0.071	0.047	0.046	0.078	0.068	0.085
SE0011R	fluoranthene	air+aerosol	0.16	0.16	0.034	0.01	0.01	0.01	0.02	0.01	0.01	0.02	0	0.1	0.034
SE0012R	fluoranthene	air+aerosol	1.3	0.93	0.307	0.28	0.156	0.075	0.12	0.122	0.157	0.2	0.407	1.2	0.429
SE0014R	fluoranthene	air+aerosol	3	3	0.787	0.39	0.227	0.108	0.09	0.101	0.199	0.71	1.053	1.8	0.927
CZ0003R	fluorene	air+aerosol	5.887	3.801	1.979	1.114	0.521	0.29	0.252	0.225	0.594	1.538	2.247	5.808	2.033
ES0001R	fluorene	pm10	-	-	0.045	0.02	0.02	-	-	-	-	-	-	-	-
ES0006R	fluorene	pm10	-	-	-	-	-	-	-	-	-	0.02	0.02	0.02	-
ES0008R	fluorene	pm10	0	0.02	0.035	0.006	0.024	0.043	0.024	0.15	0.02	0.02	0.02	0.02	0.03
ES0014R	fluorene	pm10	-	-	-	-	-	-	-	0.073	0.04	-	-	-	-
KZ0001R	fluorene	air+aerosol	-	-	-	0.64	0.60	0.55	0.55	-	-	-	-	-	-
MD0013R	fluorene	air+aerosol	13.438	5.275	3.919	1.782	0.609	0.533	0.582	0.817	0.672	2.16	-	-	2.383
NO0002R	fluorene	air+aerosol	1.943	1.923	0.502	0.52	0.307	0.282	0.272	0.258	0.27	0.631	0.469	1.567	0.739
NO0042G	fluorene	air+aerosol	0.782	0.723	0.243	0.144	0.146	0.142	0.145	0.146	0.145	0.177	0.211	0.466	0.271
NO0090R	fluorene	air+aerosol	0.404	1.28	0.374	0.291	0.279	0.284	0.272	0.281	0.186	0.162	0.289	0.306	0.344
DE0001R	heptachlor	air+aerosol	0.08	0.1	0.023	0.054	0.02	0.032	0.06	0.041	0.046	0.1	0.099	0.06	0.059
DE0009R	heptachlor	air+aerosol	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.033
DK0010G	heptachlor	air	-	-	0.0	0.0	0.1	0.0	1.0	1.0	0.2	0.1	0.1	0.008	0.258
DK0010G	heptachlorepoxide	air	-	-	0.268	0.65	0.777	1.495	0.504	0.665	0.837	0.864	0.504	0.228	0.676
CY0002R	inden_123cd_pyrene	pm10	-	-	0.07	0.044	0.017	0.007	0.022	0.019	0.015	-	-	-	-
CZ0003R	inden_123cd_pyrene	air+aerosol	0.828	0.457	0.288	0.098	0.019	0.003	0.003	0.003	0.038	0.343	0.185	0.62	0.24
DE0001R	inden_123cd_pyrene	air+aerosol	1.2	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.29	0.201
DE0003R	inden_123cd_pyrene	air+aerosol	0.285	0.144	0.155	0.031	0.017	0.006	0.006	0.004	0.021	0.068	0.058	0.093	0.075
DE0008R	inden_123cd_pyrene	air+aerosol	0.526	0.379	0.19	0.053	0.025	0.014	0.004	0.018	0.04	0.127	0.124	0.594	0.17
DE0009R	inden_123cd_pyrene	air+aerosol	1.5	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.5	0.2	0.406	0.28
ES0006R	inden_123cd_pyrene	pm10	-	-	-	-	-	-	-	-	-	0.02	0.02	0.02	-
ES0008R	inden_123cd_pyrene	pm10	0	0.149	0.842	0.108	0.026	0.084	0.173	0.072	0.02	0.098	0.02	0.082	0.107
ES0014R	inden_123cd_pyrene	pm10	-	-	-	-	-	-	-	0.176	0.265	-	-	-	-
FI0096G	inden_123cd_pyrene	air+aerosol	0.1	0.087	0.007	0.005	0.003	0.002	0.007	0.003	0.007	0.011	0.014	0.059	0.024
KZ0001R	inden_123cd_pyrene	air+aerosol	-	-	-	0.077	0.081	0.017	0.021	-	-	-	-	-	-

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LV0010R	inden_123cd_pyrene	pm10	1.57	0.901	0.261	0.17	0.13	0.005	0.13	0.05	0.11	0.27	0.59	1.13	0.422
MD0013R	inden_123cd_pyrene	air+aerosol	0.981	0.312	0.501	0.336	0.045	0.08	0.073	0.327	0.124	0.23	-	-	0.263
NL0009R	inden_123cd_pyrene	pm10	0.764	0.154	0.02	0.025	0.004	0.004	0.009	0.012	0.021	0.08	0.136	0.238	0.131
NO0002R	inden_123cd_pyrene	air+aerosol	0.073	0.064	0.013	0.013	0.011	0.02	0.008	0.006	0.009	0.098	0.025	0.152	0.041
NO0042G	inden_123cd_pyrene	air+aerosol	0.012	0.025	0.004	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.008	0.004
NO0090R	inden_123cd_pyrene	air+aerosol	0.002	0.053	0.002	0.003	0.003	0.002	0.002	0.001	0.003	0.004	0.006	0.006	0.007
PL0005R	inden_123cd_pyrene	pm10	1.907	1.523	0.64	0.305	0.087	0.04	0.009	0.042	0.233	0.624	0.752	1.779	0.634
SE0011R	inden_123cd_pyrene	air+aerosol	0.17	0.17	0.095	0.061	0.017	0.008	0.009	0.008	0.006	0.018	0	0.1	0.045
SE0012R	inden_123cd_pyrene	air+aerosol	0.11	0.1	0.038	0.034	0.014	0.006	0.009	0.01	0.025	0.047	0.054	0.19	0.052
SE0014R	inden_123cd_pyrene	air+aerosol	0.8	0.44	0.169	0.069	0.025	0.007	0.005	0.007	0.036	0.17	0.245	0.31	0.184
SI0008R	inden_123cd_pyrene	pm10	1.276	0.842	0.437	0.193	0.059	0.024	0.029	0.02	0.091	0.253	0.337	0.838	0.356
KZ0001R	N1methylnaphtalene	air+aerosol	-	-	-	0.133	0.164	0.319	0.126	-	-	-	-	-	-
MD0013R	N1methylnaphtalene	air+aerosol	3.270	0.489	0.569	0.316	0.132	0.120	0.103	0.147	0.138	0.411	-	-	0.344
NO0002R	N1methylnaphtalene	air+aerosol	0.361	0.270	0.066	0.088	0.060	0.058	0.058	0.058	0.057	0.109	0.121	0.632	0.162
NO0042G	N1methylnaphtalene	air+aerosol	0.365	0.239	0.075	0.033	0.037	0.043	0.033	0.036	0.033	0.048	0.132	0.192	0.100
NO0090R	N1methylnaphtalene	air+aerosol	0.067	0.114	0.067	0.155	0.063	0.064	0.061	0.063	0.042	0.035	0.045	0.062	0.065
KZ0001R	N1methylphenanthrene	air+aerosol	-	-	-	0.116	0.114	0.099	0.099	-	-	-	-	-	-
MD0013R	N1methylphenanthrene	air+aerosol	0.907	0.576	0.422	0.392	0.183	0.215	0.308	0.646	0.199	0.394	-	-	0.396
NO0002R	N1methylphenanthrene	air+aerosol	0.056	0.060	0.048	0.052	0.048	0.046	0.046	0.046	0.046	0.067	0.048	0.078	0.053
NO0042G	N1methylphenanthrene	air+aerosol	0.028	0.026	0.026	0.025	0.026	0.026	0.026	0.026	0.026	0.026	0.027	0.026	0.026
NO0090R	N1methylphenanthrene	air+aerosol	0.053	0.048	0.050	0.052	0.050	0.051	0.049	0.050	0.033	0.025	0.025	0.025	0.039
KZ0001R	N2methylanthracene	air+aerosol	-	-	-	0.007	0.018	0.003	0.004	-	-	-	-	-	-
MD0013R	N2methylanthracene	air+aerosol	0.064	0.049	0.041	0.060	0.025	0.022	0.028	0.088	0.016	0.063	-	-	0.043
NO0002R	N2methylanthracene	air+aerosol	0.004	0.005	0.002	0.002	0.024	0.002	0.003	0.002	0.002	0.015	0.002	0.005	0.005
NO0042G	N2methylanthracene	air+aerosol	0.001	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001
NO0090R	N2methylanthracene	air+aerosol	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.002
KZ0001R	N2methylnaphtalene	air+aerosol	-	-	-	0.239	0.282	0.584	0.234	-	-	-	-	-	-
MD0013R	N2methylnaphtalene	air+aerosol	4.495	0.763	0.790	0.545	0.234	0.216	0.177	0.232	0.214	0.590	-	-	0.523
NO0002R	N2methylnaphtalene	air+aerosol	0.517	0.422	0.122	0.165	0.121	0.109	0.109	0.109	0.108	0.186	0.205	0.922	0.259
NO0042G	N2methylnaphtalene	air+aerosol	0.421	0.293	0.090	0.062	0.066	0.082	0.063	0.067	0.061	0.080	0.174	0.206	0.134
NO0090R	N2methylnaphtalene	air+aerosol	0.122	0.172	0.120	0.272	0.118	0.120	0.115	0.119	0.079	0.059	0.081	0.103	0.115
KZ0001R	N2methylphenanthrene	air+aerosol	-	-	-	0.326	0.352	0.327	0.329	-	-	-	-	-	-
MD0013R	N2methylphenanthrene	air+aerosol	1.416	0.867	0.634	0.599	0.286	0.338	0.471	1.001	0.306	0.548	-	-	0.607
NO0002R	N2methylphenanthrene	air+aerosol	0.154	0.154	0.156	0.157	0.156	0.153	0.153	0.153	0.151	0.162	0.149	0.150	0.154
NO0042G	N2methylphenanthrene	air+aerosol	0.093	0.086	0.085	0.085	0.087	0.085	0.086	0.086	0.086	0.086	0.088	0.085	0.086
NO0090R	N2methylphenanthrene	air+aerosol	0.174	0.159	0.166	0.173	0.166	0.168	0.161	0.167	0.110	0.083	0.083	0.082	0.130
KZ0001R	N3methylphenanthrene	air+aerosol	-	-	-	0.258	0.281	0.259	0.261	-	-	-	-	-	-
MD0013R	N3methylphenanthrene	air+aerosol	1.075	0.708	0.516	0.508	0.240	0.287	0.423	0.809	0.258	0.483	-	-	0.502
NO0002R	N3methylphenanthrene	air+aerosol	0.122	0.122	0.124	0.124	0.124	0.122	0.121	0.121	0.120	0.127	0.118	0.118	0.122
NO0042G	N3methylphenanthrene	air+aerosol	0.073	0.068	0.068	0.068	0.069	0.067	0.069	0.069	0.069	0.068	0.070	0.067	0.069
NO0090R	N3methylphenanthrene	air+aerosol	0.138	0.126	0.132	0.137	0.132	0.134	0.128	0.132	0.088	0.066	0.066	0.065	0.103
KZ0001R	N9methylphenanthrene	air+aerosol	-	-	-	0.090	0.089	0.075	0.075	-	-	-	-	-	-
MD0013R	N9methylphenanthrene	air+aerosol	0.694	0.579	0.410	0.425	0.195	0.237	0.338	0.683	0.211	0.413	-	-	0.402
NO0002R	N9methylphenanthrene	air+aerosol	0.035	0.036	0.036	0.037	0.042	0.035	0.035	0.035	0.035	0.050	0.035	0.046	0.038
NO0042G	N9methylphenanthrene	air+aerosol	0.021	0.020	0.019	0.019	0.020	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.020
NO0090R	N9methylphenanthrene	air+aerosol	0.040	0.037	0.038	0.040	0.038	0.039	0.037	0.038	0.025	0.020	0.019	0.019	0.030

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
KZ0001R	naphtalene	air+aerosol	-	-	-	0.27	0.333	0.346	0.258	-	-	-	-	-	-
MD0013R	naphtalene	air+aerosol	9.987	1.207	1.509	1.111	0.215	0.212	0.198	0.248	0.261	0.675	-	-	0.903
NO0002R	naphtalene	air+aerosol	1.049	1.072	0.187	0.207	0.131	0.12	0.12	0.12	0.119	0.229	0.388	2.427	0.519
NO0042G	naphtalene	air+aerosol	1.826	1.253	0.575	0.095	0.091	0.096	0.091	0.193	0.125	0.2	0.646	1.061	0.487
NO0090R	naphtalene	air+aerosol	0.185	0.452	0.198	0.295	0.13	0.132	0.127	0.131	0.087	0.113	0.176	0.226	0.184
KZ0001R	perylene	air+aerosol	-	-	-	0.012	0.012	0.004	0.006	-	-	-	-	-	-
MD0013R	perylene	air+aerosol	0.095	0.024	0.061	0.052	0.005	0.012	0.012	0.042	0.017	0.034	-	-	0.032
NO0002R	perylene	air+aerosol	0.012	0.009	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.015	0.003	0.022	0.006
NO0042G	perylene	air+aerosol	0.018	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	perylene	air+aerosol	0.001	0.004	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
CZ0003R	phenanthrene	air+aerosol	10.21	6.79	3.59	2.21	1.38	0.87	0.81	0.81	1.96	3.32	4.02	10.052	3.855
DE0001R	phenanthrene	air+aerosol	9.7	3.2	1.117	2.548	1.6	1.824	0.8	0.652	1.931	2.2	2.936	3.9	2.733
DE0003R	phenanthrene	air+aerosol	4.45	2.41	2.236	0.761	1.14	0.556	0.63	0.603	0.978	1.31	1.627	2.63	1.616
DE0008R	phenanthrene	air+aerosol	10.02	6.153	3.298	1.537	1.78	0.829	0.39	0.87	1.334	2	2.879	9.61	3.337
DE0009R	phenanthrene	air+aerosol	17.5	3.9	1.924	0.831	0.4	0.5	0.5	0.607	1.055	2.4	2.957	4.5	3.172
ES0006R	phenanthrene	pm10	-	-	-	-	-	-	-	-	-	0.015	0.015	0.015	-
ES0008R	phenanthrene	pm10	0	0.091	0.264	0.078	0.171	0	0.297	0.259	0.015	0.042	0.015	0.02	0.096
ES0014R	phenanthrene	pm10	-	-	-	-	-	-	-	0.132	0.149	-	-	-	-
FI0096G	phenanthrene	air+aerosol	1.5	1.1	0.239	0.22	0.169	0.15	0.29	0.202	0.189	0.205	0.311	0.6	0.419
KZ0001R	phenanthrene	air+aerosol	-	-	-	1.587	1.712	1.532	1.541	-	-	-	-	-	-
MD0013R	phenanthrene	air+aerosol	21.272	10.669	8.816	6.91	2.228	2.657	3.276	7.027	2.623	4.697	-	-	6.331
NO0002R	phenanthrene	air+aerosol	1.396	1.377	0.772	0.909	0.806	0.727	0.724	0.736	0.709	0.977	0.746	1.632	0.953
NO0042G	phenanthrene	air+aerosol	0.435	0.403	0.399	0.4	0.407	0.396	0.406	0.405	0.405	0.403	0.412	0.398	0.405
NO0090R	phenanthrene	air+aerosol	0.817	1.035	0.777	0.809	0.777	0.79	0.756	0.782	0.517	0.39	0.39	0.408	0.631
SE0011R	phenanthrene	air+aerosol	0.08	0.08	0.022	0	0.01	0.02	0.02	0.01	0.01	0.029	0.01	0.06	0.024
SE0012R	phenanthrene	air+aerosol	2.9	2.1	0.866	0.83	0.534	0.312	0.33	0.356	0.441	0.38	1.12	2.8	1.062
SE0014R	phenanthrene	air+aerosol	5.9	7	2.361	2	1.363	0.718	0.52	0.661	0.607	1.5	2.253	4.4	2.384
BE0013R	pyrene	air+aerosol	0.643	0.318	0.269	0.063	0.075	0.107	0.049	0.019	0.068	0.11	0.315	1.017	0.237
CZ0003R	pyrene	air+aerosol	3.029	1.634	1.386	0.528	0.26	0.139	0.105	0.118	0.338	1.054	0.838	3.071	1.056
DE0001R	pyrene	air+aerosol	3.74	0.65	0.21	0.326	0.24	0.195	0.13	0.141	0.462	0.65	0.699	0.95	0.719
DE0003R	pyrene	air+aerosol	0.82	0.44	0.594	0.11	0.11	0.071	0.09	0.093	0.178	0.25	0.224	0.33	0.278
DE0008R	pyrene	air+aerosol	1.547	1.337	0.676	0.223	0.162	0.136	0.066	0.184	0.22	0.421	0.427	2.354	0.628
DE0009R	pyrene	air+aerosol	4.78	0.79	0.302	0.297	0.09	0.112	0.14	0.094	0.258	1.02	0.64	1.19	0.837
ES0001R	pyrene	pm10	-	-	0.079	0.093	0.035	-	-	-	-	-	-	-	-
ES0006R	pyrene	pm10	-	-	-	-	-	-	-	-	-	0.035	0.035	0.035	-
ES0008R	pyrene	pm10	0	0.167	0.774	0.195	0.323	0	0.158	0.086	0.035	0.161	0.035	0.054	0.135
ES0014R	pyrene	pm10	-	-	-	-	-	-	-	0.142	0.171	-	-	-	-
FI0096G	pyrene	air+aerosol	0.27	0.26	0.039	0.028	0.02	0.011	0.02	0.039	0.031	0.045	0.068	0.18	0.082
KZ0001R	pyrene	air+aerosol	-	-	-	0.235	0.218	0.167	0.168	-	-	-	-	-	-
MD0013R	pyrene	air+aerosol	3.152	1.272	1.846	1.62	0.295	0.348	0.453	1.428	0.434	0.673	-	-	1.077
NO0002R	pyrene	air+aerosol	0.198	0.196	0.082	0.092	0.087	0.078	0.078	0.078	0.077	0.258	0.089	0.382	0.14
NO0042G	pyrene	air+aerosol	0.061	0.086	0.043	0.043	0.044	0.043	0.044	0.044	0.044	0.044	0.045	0.049	0.048
NO0090R	pyrene	air+aerosol	0.089	0.178	0.085	0.088	0.085	0.086	0.082	0.085	0.056	0.042	0.042	0.044	0.073
SE0011R	pyrene	air+aerosol	0.12	0.12	0.033	0.01	0	0.01	0.02	0.01	0	0.019	0	0.08	0.026
SE0012R	pyrene	air+aerosol	0.73	0.48	0.148	0.13	0.073	0.033	0.06	0.062	0.094	0.12	0.246	0.75	0.239
SE0014R	pyrene	air+aerosol	2.2	1.8	0.311	0.23	0.125	0.049	0.04	0.051	0.123	0.47	0.715	1.2	0.59

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KZ0001R	retene	air+aerosol	-	-	-	0.163	0.089	0.028	0.039	-	-	-	-	-	-
MD0013R	retene	air+aerosol	0.207	0.135	0.112	0.105	0.068	0.066	0.085	0.116	0.065	0.155	-	-	0.102
NO0002R	retene	air+aerosol	0.082	0.052	0.037	0.047	0.018	0.011	0.02	0.028	0.035	0.075	0.065	0.131	0.052
NO0042G	retene	air+aerosol	0.008	0.008	0.005	0.006	0.006	0.007	0.005	0.005	0.006	0.006	0.006	0.01	0.006
NO0090R	retene	air+aerosol	0.011	0.016	0.011	0.011	0.011	0.026	0.011	0.011	0.007	0.005	0.007	0.007	0.011
DE0001R	op_DDD	air+aerosol	0.099	0.088	0.090	0.114	0.077	0.142	0.189	0.293	0.257	0.192	0.089	0.028	0.139
DE0009R	op_DDD	air+aerosol	0.278	0.25	0.3	0.349	0.233	0.742	1.837	1.228	0.67	0.314	0.343	0.149	0.566
KZ0001R	op_DDD	air+aerosol	-	-	-	-	0.087	0.048	0.1	-	-	-	-	-	-
MD0013R	op_DDD	air+aerosol	0.400	0.795	0.576	0.924	1.549	1.070	1.351	1.480	0.942	-	-	-	1.019
NO0002R	op_DDD	air+aerosol	0.025	0.022	0.029	0.019	0.032	0.108	0.057	0.055	0.039	0.039	0.023	0.027	0.038
NO0042G	op_DDD	air+aerosol	0.012	0.022	0.012	0.049	0.010	0.010	0.010	0.010	0.022	0.032	0.040	0.041	0.023
NO0090R	op_DDD	air+aerosol	0.029	0.049	0.027	0.019	0.014	0.013	0.013	0.010	0.015	0.020	0.023	0.014	0.023
DE0001R	op_DDE	air+aerosol	0.290	0.160	0.146	0.215	0.120	0.167	0.130	0.219	0.274	0.310	0.119	0.080	0.188
DE0009R	op_DDE	air+aerosol	0.680	0.580	0.694	0.570	0.320	0.752	0.920	0.928	0.602	0.620	0.658	0.330	0.641
DK0010G	op_DDE	air	-	-	0.17	0.06	0	0	0.074	0.087	0	0	0	0	0.04
KZ0001R	op_DDE	air+aerosol	-	-	-	-	0.265	0.171	0.174	-	-	-	-	-	-
MD0013R	op_DDE	air+aerosol	1.424	3.19	2.637	4.641	8.808	9.038	6.732	5.87	4.979	1.592	-	-	5.285
NO0002R	op_DDE	air+aerosol	0.095	0.112	0.111	0.067	0.082	0.056	0.071	0.073	0.068	0.1	0.051	0.072	0.081
NO0042G	op_DDE	air+aerosol	0.119	0.138	0.077	0.045	0.037	0.011	0.013	0.011	0.026	0.054	0.073	0.093	0.056
NO0090R	op_DDE	air+aerosol	0.118	0.135	0.095	0.062	0.036	0.023	0.024	0.019	0.051	0.055	0.092	0.099	0.068
DE0001R	op_DDT	air+aerosol	0.52	0.22	0.176	0.509	0.38	0.589	0.44	1.067	1.327	1.3	0.294	0.14	0.588
DE0009R	op_DDT	air+aerosol	1.86	2.16	2.525	3.591	2.22	7.115	7.59	7.2	4.016	3.11	2.736	0.75	3.77
DK0010G	op_DDT	air	-	-	0.252	0.156	0.18	0.178	0.42	0.337	0.142	0.097	0.115	0.134	0.206
IS0091R	op_DDT	air+aerosol	0.052	0.059	0.054	0.057	0.057	0.05	0.065	0.068	0.065	0.061	0.061	0.058	0.059
KZ0001R	op_DDT	air+aerosol	-	-	-	0.685	0.744	0.571	0.519	-	-	-	-	-	-
MD0013R	op_DDT	air+aerosol	3.118	10.699	7.004	12.378	24.074	15.274	16.886	16.23	12.036	-	-	-	13.299
NO0002R	op_DDT	air+aerosol	0.01	-	-	0.01	0.734	0.391	0.433	0.612	0.362	0.348	0.145	0.143	0.337
NO0042G	op_DDT	air+aerosol	0.227	0.222	0.147	0.178	0.081	0.037	0.032	0.01	0.171	0.167	0.199	0.204	0.138
NO0090R	op_DDT	air+aerosol	0.228	0.23	0.117	0.146	0.109	0.078	0.126	0.123	0.177	0.138	0.184	0.155	0.163
CZ0003R	pp_DDD	air+aerosol	0.83	1.23	1.08	0.75	0.50	1.08	0.68	0.73	0.50	4.73	5.73	1.98	1.612
DE0001R	pp_DDD	air+aerosol	0.26	0.11	0.116	0.182	0.07	0.104	0.16	0.239	0.272	0.2	0.079	0.04	0.155
DE0009R	pp_DDD	air+aerosol	0.75	0.49	2.947	0.58	0.39	1.164	3.25	1.852	0.999	0.56	0.758	0.43	1.193
DK0010G	pp_DDD	air	-	-	0.082	0.066	0.162	0.389	0.621	0.538	0.129	0.055	0.027	0.071	0.223
FI0096G	pp_DDD	air+aerosol	0.12	0.14	0.134	0.175	0.197	0.118	0.23	0.145	0.175	0.19	0.119	0.11	0.155
IS0091R	pp_DDD	air+aerosol	0.052	0.16	0.201	0.181	0.181	0.05	0.065	0.068	0.065	0.061	0.061	0.058	0.1
KZ0001R	pp_DDD	air+aerosol	-	-	-	0.108	0.085	0.06	0.061	-	-	-	-	-	-
MD0013R	pp_DDD	air+aerosol	0.733	0.567	0.53	0.69	0.958	0.756	0.963	1.152	0.573	-	-	-	0.763
NO0002R	pp_DDD	air+aerosol	0.109	0.235	0.01	0.01	0.042	0.115	0.058	0.069	0.422	0.061	0.054	0.038	0.083
NO0042G	pp_DDD	air+aerosol	0.016	0.012	0.011	0.035	0.024	0.019	0.01	0.01	0.024	0.054	0.023	0.023	0.021
NO0090R	pp_DDD	air+aerosol	0.049	0.042	0.015	0.015	0.01	0.011	0.019	0.011	0.011	0.018	0.017	0.018	0.019
SE0012R	pp_DDD	air+aerosol	0.19	0.24	0.16	0.44	0.545	0.387	0.81	0.765	0.875	1.3	0.333	0.24	0.529
SE0014R	pp_DDD	air+aerosol	0.99	1.3	0.476	1	0.449	0.162	0.18	0.132	0.201	0.66	1.313	0.1	0.57
CZ0003R	pp_DDE	air+aerosol	4.7	4.7	7.92	11.475	14.35	14.84	13.65	16.025	17.7	19.975	19.525	15.8	13.44
DE0001R	pp_DDE	air+aerosol	2.5	1.3	1.497	2.607	1.4	1.686	1.5	4.907	8.572	9.2	2.346	0.9	3.242
DE0009R	pp_DDE	air+aerosol	7.5	5	8.038	9.224	5	10.783	14.6	17.828	16.886	21.1	13.314	2.9	11.126
DK0010G	pp_DDE	air	-	-	0.42	1.578	0.304	24.257	1.219	1.222	0.319	0.238	0.323	0.218	3.026
FI0096G	pp_DDE	air+aerosol	0.82	0.55	0.462	0.54	0.382	0.142	0.31	0.176	0.396	0.701	0.511	0.67	0.469

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IS0091R	pp_DDE	air+aerosol	0.285	0.325	0.229	0.379	0.355	0.401	0.229	0.169	0.156	0.182	0.166	0.156	0.252
KZ0001R	pp_DDE	air+aerosol	-	-	-	2.471	1.521	1.351	1.276	-	-	-	-	-	-
MD0013R	pp_DDE	air+aerosol	21.213	53.242	55.653	94.641	197.002	130.381	134.259	115.008	100.378	44.177	-	-	101.553
NO0002R	pp_DDE	air+aerosol	1.025	1.068	1.091	0.702	0.79	0.471	0.986	1.211	1.175	2.383	1.007	0.565	1.05
NO0042G	pp_DDE	air+aerosol	0.615	0.815	0.339	0.255	0.093	0.051	0.05	0.045	0.278	0.67	0.588	0.678	0.369
NO0090R	pp_DDE	air+aerosol	0.781	0.928	0.485	0.293	0.163	0.089	0.194	0.189	0.446	0.529	0.89	0.732	0.475
SE0012R	pp_DDE	air+aerosol	0.98	1.12	2.139	2.5	2.097	1.31	2.3	1.99	3.127	3.3	1.925	0.87	1.984
SE0014R	pp_DDE	air+aerosol	2.2	1.7	2.335	3.6	1.713	1.21	2.2	2.813	3.767	6.8	1.753	1.1	2.611
CZ0003R	pp_DDT	air+aerosol	2.95	3.725	2.64	3.6	2.875	3.36	4.325	4.05	2.9	11.95	15.15	9.08	5.469
DE0001R	pp_DDT	air+aerosol	1.03	0.38	0.416	0.846	0.51	0.732	0.62	1.612	1.58	1.67	0.354	0.18	0.839
DE0009R	pp_DDT	air+aerosol	3.67	5.25	15.008	7.896	4.93	13.062	23.21	15.249	7.33	5.68	5.699	2.42	9.199
DK0010G	pp_DDT	air	-	-	0.218	0.238	0.297	1.613	0.791	0.532	0.196	0.107	0.106	0.159	0.434
FI0096G	pp_DDT	air+aerosol	0.37	0.66	0.236	0.01	0.015	0.15	0.01	0.065	0.035	0.088	0.158	0.27	0.167
IS0091R	pp_DDT	air+aerosol	0.052	0.059	0.054	0.057	0.057	0.05	0.065	0.068	0.065	0.061	0.061	0.058	0.059
KZ0001R	pp_DDT	air+aerosol	-	-	-	0.655	0.661	0.519	0.497	-	-	-	-	-	-
MD0013R	pp_DDT	air+aerosol	4.861	7.145	6.704	10.786	23.064	17.632	21.227	18.885	10.741	-	-	-	13.566
NO0002R	pp_DDT	air+aerosol	0.204	0.331	0.227	0.157	0.321	0.239	0.542	0.53	0.286	0.411	0.115	0.092	0.288
NO0042G	pp_DDT	air+aerosol	0.106	0.119	0.054	0.074	0.031	0.016	0.014	0.018	0.071	0.089	0.105	0.108	0.066
NO0090R	pp_DDT	air+aerosol	0.159	0.133	0.074	0.063	0.045	0.019	0.096	0.071	0.136	0.102	0.114	0.075	0.093
SE0012R	pp_DDT	air+aerosol	0.37	1.2	1.743	0.28	0.038	0.05	0.05	0.107	0.117	0.23	0.133	1.3	0.467
SE0014R	pp_DDT	air+aerosol	0.28	0.31	0.422	1	0.537	0.425	0.92	0.732	0.565	0.79	0.292	0.18	0.542
KZ0001R	sum_DDT	air+aerosol	-	-	-	4.189	3.314	2.757	2.982	-	-	-	-	-	-
MD0013R	sum_DDT	air+aerosol	31.749	75.639	73.105	124.06	255.455	186.321	181.418	153.505	129.649	57.004	-	-	136.168
NO0002R	sum_DDT	air+aerosol	1.654	1.974	1.806	1.173	1.606	1.184	2.145	2.354	2.029	3.324	1.389	0.928	1.806
NO0042G	sum_DDT	air+aerosol	1.102	1.328	0.618	0.627	0.264	0.145	0.131	0.119	0.565	1.059	1.03	1.152	0.649
NO0090R	sum_DDT	air+aerosol	1.349	1.509	0.813	0.581	0.357	0.22	0.469	0.423	0.833	0.862	1.322	1.1	0.818
CZ0003R	PCB_101	air+aerosol	0.7	2.525	3.16	2.525	3.95	5.24	7.425	2.85	2.08	2.35	2	1.46	3.019
DE0001R	PCB_101	air+aerosol	1.7	1.7	1.693	1.586	1.5	2.866	2.4	3.121	1.731	2	1.179	0.6	1.852
DE0009R	PCB_101	air+aerosol	1.8	1.8	1.779	1.417	0.9	1.883	3	2.01	1.269	1	1.464	0.5	1.578
FI0096G	PCB_101	air+aerosol	0.33	0.36	0.371	0.523	0.781	0.547	1.2	0.741	0.638	0.398	0.293	0.34	0.547
IS0091R	PCB_101	air+aerosol	1.423	1.36	1.469	1.527	2.448	2.806	5.174	4.323	2.804	1.885	1.042	1.041	2.286
KZ0001R	PCB_101	air+aerosol	-	-	-	1.037	1.453	0.7	0.647	-	-	-	-	-	-
MD0013R	PCB_101	air+aerosol	5.355	7.015	5.661	8.709	5.353	9.787	9.969	11.071	5.589	5.824	-	-	7.715
NO0002R	PCB_101	air+aerosol	0.285	0.455	0.545	0.329	0.672	0.42	1.108	0.951	0.732	0.633	0.281	0.26	0.554
NO0042G	PCB_101	air+aerosol	0.358	0.406	0.362	0.34	0.279	0.193	0.155	0.181	0.321	0.305	0.314	0.297	0.29
NO0090R	PCB_101	air+aerosol	0.371	0.470	0.328	0.321	0.309	0.176	0.409	0.303	0.547	0.381	0.327	0.403	0.350
SE0012R	PCB_101	air+aerosol	0.43	0.49	1.371	1.1	1.366	1.072	1.9	1.584	1.143	0.77	0.874	0.51	1.06
SE0014R	PCB_101	air+aerosol	0.78	0.97	1.197	2.1	2.671	3.23	5.3	5.442	3.14	2.1	1.083	0.84	2.431
IS0091R	PCB_105	air+aerosol	0.052	0.059	0.114	0.124	0.202	0.05	0.192	0.25	0.189	0.061	0.061	0.058	0.118
KZ0001R	PCB_105	air+aerosol	-	-	-	0.208	0.349	0.108	0.1	-	-	-	-	-	-
MD0013R	PCB_105	air+aerosol	1.329	2.146	1.628	2.636	1.588	2.891	4.769	3.514	1.631	1.446	-	-	2.528
NO0002R	PCB_105	air+aerosol	0.043	0.043	0.043	0.018	0.05	0.031	0.079	0.066	0.06	0.047	0.013	0.025	0.044
NO0042G	PCB_105	air+aerosol	0.03	0.053	0.029	0.036	0.021	0.012	0.011	0.012	0.025	0.024	0.028	0.023	0.025
NO0090R	PCB_105	air+aerosol	0.048	0.056	0.032	0.030	0.031	0.015	0.035	0.025	0.051	0.030	0.032	0.036	0.034
KZ0001R	PCB_114	air+aerosol	-	-	-	0.018	0.017	0.014	0.01	-	-	-	-	-	-
MD0013R	PCB_114	air+aerosol	0.109	0.156	0.124	0.196	0.111	0.235	0.301	0.26	0.121	0.123	-	-	0.183

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
NO0002R	PCB_114	air+aerosol	0.01	0.01	0.01	0.011	0.01	0.01	0.011	0.012	0.01	0.01	0.01	0.01	0.01
NO0042G	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	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
CZ0003R	PCB_118	air+aerosol	0.925	0.75	0.68	0.9	0.9	1.22	1.15	0.65	0.5	0.5	0.5	0.5	0.762
DE0001R	PCB_118	air+aerosol	0.65	0.65	0.632	0.382	0.33	0.541	0.55	0.74	0.398	0.47	0.255	0.13	0.48
DE0009R	PCB_118	air+aerosol	0.67	0.67	0.651	0.382	0.27	0.429	0.69	0.454	0.33	0.33	0.218	0.16	0.441
FI0096G	PCB_118	air+aerosol	0.15	0.16	0.133	0.177	0.256	0.152	0.32	0.221	0.179	0.108	0.101	0.11	0.173
GB0014R	PCB_118	air+aerosol	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.16	0.16	0.16	0.055
IS0091R	PCB_118	air+aerosol	0.253	0.349	0.316	0.43	0.402	0.281	1.089	1.081	0.626	0.432	0.245	0.243	0.481
KZ0001R	PCB_118	air+aerosol	-	-	-	0.589	0.932	0.331	0.291	-	-	-	-	-	-
MD0013R	PCB_118	air+aerosol	3.203	4.926	3.809	6.209	3.488	7.033	9.664	8.097	3.768	3.507	-	-	5.71
NO0002R	PCB_118	air+aerosol	0.106	0.138	0.126	0.077	0.17	0.103	0.266	0.226	0.201	0.154	0.062	0.074	0.144
NO0042G	PCB_118	air+aerosol	0.093	0.159	0.102	0.101	0.064	0.036	0.03	0.037	0.077	0.072	0.08	0.077	0.076
NO0090R	PCB_118	air+aerosol	0.138	0.173	0.102	0.089	0.09	0.047	0.11	0.079	0.157	0.098	0.101	0.115	0.106
SE0012R	PCB_118	air+aerosol	0.19	0.22	0.384	0.42	0.532	0.311	0.59	0.499	0.296	0.27	0.264	0.18	0.349
SE0014R	PCB_118	air+aerosol	0.31	0.37	0.427	0.77	0.976	1.08	1.8	1.839	0.968	0.76	0.429	0.28	0.843
KZ0001R	PCB_122	air+aerosol	-	-	-	0.013	0.016	0.014	0.01	-	-	-	-	-	-
MD0013R	PCB_122	air+aerosol	0.039	0.054	0.04	0.06	0.034	0.065	0.095	0.077	0.033	0.038	-	-	0.056
NO0002R	PCB_122	air+aerosol	0.01	0.01	0.01	0.011	0.01	0.01	0.01	0.012	0.01	0.01	0.01	0.01	0.01
NO0042G	PCB_122	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_122	air+aerosol	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.011	0.01	0.01	0.01
KZ0001R	PCB_123	air+aerosol	-	-	-	0.017	0.02	0.018	0.012	-	-	-	-	-	-
MD0013R	PCB_123	air+aerosol	0.057	0.086	0.066	0.122	0.074	0.153	0.182	0.157	0.071	0.061	-	-	0.11
NO0002R	PCB_123	air+aerosol	0.01	0.01	0.01	0.011	0.01	0.012	0.01	0.01	0.013	0.015	0.01	0.011	0.011
NO0042G	PCB_123	air+aerosol	0.01	0.034	0.025	0.01	0.01	0.01	0.01	0.01	0.01	0.024	0.01	0.01	0.015
NO0090R	PCB_123	air+aerosol	0.012	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
KZ0001R	PCB_128	air+aerosol	-	-	-	0.147	0.141	0.051	0.056	-	-	-	-	-	-
MD0013R	PCB_128	air+aerosol	0.502	0.813	0.632	0.94	0.638	0.833	2.023	1.302	0.614	0.534	-	-	0.952
NO0002R	PCB_128	air+aerosol	0.018	0.024	0.033	0.022	0.047	0.022	0.055	0.052	0.035	0.029	0.013	0.013	0.03
NO0042G	PCB_128	air+aerosol	0.016	0.023	0.014	0.019	0.013	0.01	0.01	0.012	0.013	0.013	0.013	0.013	0.014
NO0090R	PCB_128	air+aerosol	0.037	0.031	0.021	0.021	0.02	0.011	0.023	0.018	0.099	0.052	0.017	0.017	0.027
CZ0003R	PCB_138	air+aerosol	1.1	1.375	1.7	1.475	1.95	2.5	1.95	1.5	1.06	1.175	1.15	0.7	1.471
DE0001R	PCB_138	air+aerosol	3	3	2.876	1.172	1	1.893	1.8	3	1.49	1.4	0.8	0.8	1.858
DE0009R	PCB_138	air+aerosol	3.1	3.1	2.962	1.086	1	1.169	2.1	1.317	0.979	0.8	0.8	0.8	1.606
FI0096G	PCB_138	air+aerosol	0.15	0.15	0.115	0.173	0.236	0.135	0.35	0.215	0.203	0.145	0.096	0.12	0.175
GB0014R	PCB_138	air+aerosol	0.5	0.5	0.5	0.6	0.6	0.6	0.2	0.2	0.2	0.2	0.2	0.157	0.373
IS0091R	PCB_138	air+aerosol	0.052	0.207	0.136	0.322	0.221	0.17	0.419	0.405	0.241	0.152	0.061	0.058	0.204
KZ0001R	PCB_138	air+aerosol	-	-	-	0.754	0.738	0.343	0.296	-	-	-	-	-	-
MD0013R	PCB_138	air+aerosol	2.713	3.943	3.13	4.683	3.065	4.38	9.151	6.008	3.086	2.638	-	-	4.589
NO0002R	PCB_138	air+aerosol	0.109	0.16	0.185	0.137	0.259	0.161	0.413	0.364	0.284	0.238	0.087	0.084	0.209
NO0042G	PCB_138	air+aerosol	0.095	0.142	0.084	0.116	0.069	0.037	0.031	0.049	0.08	0.075	0.078	0.077	0.076
NO0090R	PCB_138	air+aerosol	0.204	0.189	0.132	0.132	0.12	0.072	0.162	0.118	0.467	0.231	0.103	0.115	0.155
SE0012R	PCB_138	air+aerosol	0.24	0.28	0.514	0.55	0.702	0.587	1.1	0.947	0.522	0.34	0.41	0.27	0.543
SE0014R	PCB_138	air+aerosol	0.6	0.67	0.841	1.6	2.99	2.86	4.3	4.771	3	1.7	0.787	0.61	2.085
KZ0001R	PCB_141	air+aerosol	-	-	-	0.131	0.089	0.053	0.051	-	-	-	-	-	-
MD0013R	PCB_141	air+aerosol	0.558	0.686	0.575	0.806	0.503	0.711	1.312	1.009	0.539	0.455	-	-	0.758

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NO0002R	PCB_141	air+aerosol	0.031	0.042	0.062	0.026	0.076	0.048	0.118	0.103	0.075	0.071	0.022	0.023	0.06
NO0042G	PCB_141	air+aerosol	0.023	0.03	0.02	0.026	0.017	0.011	0.01	0.013	0.018	0.018	0.018	0.018	0.018
NO0090R	PCB_141	air+aerosol	0.053	0.054	0.03	0.034	0.032	0.02	0.045	0.033	0.113	0.051	0.023	0.026	0.04
KZ0001R	PCB_149	air+aerosol	-	-	-	0.574	0.614	0.354	0.318	-	-	-	-	-	-
MD0013R	PCB_149	air+aerosol	2.238	2.765	2.241	3.37	2.24	3.655	4.659	4.408	2.431	2.189	-	-	3.158
NO0002R	PCB_149	air+aerosol	0.156	0.266	0.402	0.201	0.436	0.288	0.75	0.646	0.464	0.401	0.159	0.135	0.357
NO0042G	PCB_149	air+aerosol	0.173	0.196	0.148	0.182	0.128	0.079	0.063	0.092	0.153	0.144	0.132	0.138	0.134
NO0090R	PCB_149	air+aerosol	0.247	0.251	0.188	0.188	0.18	0.123	0.285	0.211	0.449	0.243	0.155	0.197	0.217
CZ0003R	PCB_153	air+aerosol	3.725	4.65	1.86	2.225	3.75	3.26	3.875	2.675	1.82	3	2.725	1.74	2.883
DE0001R	PCB_153	air+aerosol	3	3	2.876	1.172	1	2.086	1.9	3.1	1.59	1.5	0.804	0.9	1.916
DE0009R	PCB_153	air+aerosol	3.1	3.1	2.969	1.172	1	1.176	2.2	1.507	0.979	0.8	0.9	0.9	1.655
FI0096G	PCB_153	air+aerosol	0.17	0.19	0.155	0.215	0.286	0.195	0.41	0.237	0.242	0.174	0.123	0.17	0.215
IS0091R	PCB_153	air+aerosol	0.052	0.331	0.207	0.735	0.428	0.261	0.835	0.743	0.463	0.298	0.166	0.173	0.392
KZ0001R	PCB_153	air+aerosol	-	-	-	0.6	0.7	0.4	0.3	-	-	-	-	-	-
MD0013R	PCB_153	air+aerosol	2.755	3.354	2.809	4.017	2.562	3.974	6.629	5.216	2.716	2.303	-	-	3.851
NO0002R	PCB_153	air+aerosol	0.167	0.243	0.307	0.189	0.376	0.225	0.608	0.535	0.398	0.356	0.126	0.125	0.304
NO0042G	PCB_153	air+aerosol	0.145	0.19	0.125	0.153	0.095	0.055	0.046	0.064	0.113	0.114	0.118	0.121	0.11
NO0090R	PCB_153	air+aerosol	0.262	0.249	0.177	0.174	0.156	0.094	0.218	0.163	0.431	0.235	0.138	0.169	0.195
SE0012R	PCB_153	air+aerosol	0.26	0.31	0.371	0.66	0.83	0.716	1.4	1.176	0.695	0.47	0.496	0.3	0.646
SE0014R	PCB_153	air+aerosol	0.66	0.75	0.915	1.9	3.203	3.28	4.9	5.274	3.447	1.8	0.885	0.68	2.335
IS0091R	PCB_156	air+aerosol	0.052	0.059	0.054	0.057	0.057	0.05	0.065	0.068	0.065	0.061	0.061	0.058	0.059
KZ0001R	PCB_156	air+aerosol	-	-	-	0.0	0.1	0.0	0.0	-	-	-	-	-	-
MD0013R	PCB_156	air+aerosol	0.216	0.294	0.238	0.343	0.231	0.27	0.705	0.485	0.21	0.19	-	-	0.342
NO0002R	PCB_156	air+aerosol	0.015	0.015	0.013	0.01	0.014	0.011	0.02	0.016	0.013	0.013	0.01	0.01	0.013
NO0042G	PCB_156	air+aerosol	0.01	0.013	0.01	0.011	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NO0090R	PCB_156	air+aerosol	0.021	0.014	0.01	0.011	0.01	0.01	0.013	0.01	0.067	0.055	0.011	0.01	0.017
KZ0001R	PCB_157	air+aerosol	-	-	-	0.0	0.0	0.0	0.0	-	-	-	-	-	-
MD0013R	PCB_157	air+aerosol	0.041	0.058	0.045	0.069	0.045	0.054	0.14	0.1	0.041	0.037	-	-	0.068
NO0002R	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
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
NO0090R	PCB_157	air+aerosol	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.011	0.011	0.01	0.01	0.01
KZ0001R	PCB_167	air+aerosol	-	-	-	0.015	0.018	0.01	0.01	-	-	-	-	-	-
MD0013R	PCB_167	air+aerosol	0.103	0.135	0.109	0.153	0.105	0.123	0.336	0.216	0.103	0.093	-	-	0.158
NO0002R	PCB_167	air+aerosol	0.01	0.01	0.01	0.01	0.012	0.01	0.012	0.012	0.01	0.011	0.01	0.01	0.011
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
NO0090R	PCB_167	air+aerosol	0.011	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.025	0.019	0.01	0.01	0.011
KZ0001R	PCB_170	air+aerosol	-	-	-	0.097	0.081	0.046	0.037	-	-	-	-	-	-
MD0013R	PCB_170	air+aerosol	0.411	0.173	0.192	0.224	0.192	0.205	0.311	0.289	0.137	0.135	-	-	0.23
NO0002R	PCB_170	air+aerosol	0.019	0.029	0.023	0.01	0.027	0.018	0.038	0.036	0.023	0.025	0.011	0.016	0.023
NO0042G	PCB_170	air+aerosol	0.01	0.015	0.01	0.012	0.01	0.01	0.01	0.011	0.01	0.01	0.01	0.01	0.011
NO0090R	PCB_170	air+aerosol	0.039	0.019	0.014	0.019	0.015	0.011	0.021	0.013	0.304	0.317	0.024	0.012	0.05
KZ0001R	PCB_18	air+aerosol	-	-	-	3.948	5.641	2.134	2.019	-	-	-	-	-	-
MD0013R	PCB_18	air+aerosol	12.493	12.231	12.01	20.044	25.67	28.696	15.257	20.988	20.961	17.164	-	-	18.773
NO0002R	PCB_18	air+aerosol	1.653	1.852	1.912	0.994	1.528	0.624	1.794	1.42	1.85	1.878	1.37	1.519	1.536
NO0042G	PCB_18	air+aerosol	1.608	1.776	1.97	1.799	1.814	1.771	1.272	1.405	1.662	1.681	1.746	1.855	1.702
NO0090R	PCB_18	air+aerosol	1.456	1.627	1.161	0.966	0.735	0.398	0.468	0.412	1.004	1.453	1.539	1.882	1.061
CZ0003R	PCB_180	air+aerosol	1.125	0.5	1	0.5	1.475	1.22	0.925	0.9	1.36	0.5	0.5	0.5	0.887

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DE0001R	PCB_180	air+aerosol	0.97	0.97	0.929	0.362	0.31	0.652	0.41	0.773	0.401	0.32	0.24	0.25	0.549
DE0009R	PCB_180	air+aerosol	1	1.01	0.95	0.279	0.27	0.33	0.46	0.335	0.331	0.25	0.25	0.25	0.477
FI0096G	PCB_180	air+aerosol	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.033	0.039
GB0014R	PCB_180	air+aerosol	0.02	0.02	0.02	0.15	0.15	0.15	0.02	0.02	0.02	0.279	0.279	0.279	0.118
IS0091R	PCB_180	air+aerosol	0.052	0.367	0.109	1.074	0.115	0.1	0.067	0.068	0.065	0.061	0.061	0.058	0.18
KZ0001R	PCB_180	air+aerosol	-	-	-	0.216	0.168	0.107	0.085	-	-	-	-	-	-
MD0013R	PCB_180	air+aerosol	1.149	0.457	0.515	0.578	0.489	0.64	0.779	0.663	0.393	0.315	-	-	0.609
NO0002R	PCB_180	air+aerosol	0.061	0.08	0.076	0.04	0.101	0.062	0.13	0.12	0.078	0.082	0.027	0.036	0.074
NO0042G	PCB_180	air+aerosol	0.028	0.04	0.018	0.031	0.019	0.011	0.011	0.016	0.018	0.02	0.019	0.022	0.021
NO0090R	PCB_180	air+aerosol	0.092	0.067	0.04	0.041	0.037	0.023	0.053	0.035	0.583	0.541	0.048	0.031	0.101
SE0012R	PCB_180	air+aerosol	0.096	0.11	0.091	0.2	0.244	0.173	0.29	0.298	0.135	0.1	0.129	0.12	0.166
SE0014R	PCB_180	air+aerosol	0.29	0.29	0.28	0.65	1.519	1.04	1.4	1.677	1.387	0.65	0.337	0.3	0.827
KZ0001R	PCB_183	air+aerosol	-	-	-	0.053	0.048	0.027	0.021	-	-	-	-	-	-
MD0013R	PCB_183	air+aerosol	0.245	0.161	0.149	0.183	0.152	0.198	0.284	0.214	0.133	0.116	-	-	0.189
NO0002R	PCB_183	air+aerosol	0.015	0.019	0.031	0.013	0.036	0.02	0.05	0.049	0.026	0.023	0.013	0.013	0.025
NO0042G	PCB_183	air+aerosol	0.013	0.016	0.011	0.014	0.01	0.01	0.01	0.011	0.011	0.011	0.011	0.012	0.012
NO0090R	PCB_183	air+aerosol	0.027	0.021	0.014	0.015	0.014	0.011	0.022	0.016	0.069	0.037	0.011	0.013	0.02
KZ0001R	PCB_187	air+aerosol	-	-	-	0.118	0.087	0.043	0.048	-	-	-	-	-	-
MD0013R	PCB_187	air+aerosol	0.505	0.305	0.319	0.374	0.328	0.426	0.525	0.393	0.283	0.214	-	-	0.38
NO0002R	PCB_187	air+aerosol	0.037	0.061	0.096	0.047	0.093	0.058	0.142	0.134	0.078	0.068	0.029	0.03	0.072
NO0042G	PCB_187	air+aerosol	0.038	0.042	0.023	0.04	0.023	0.013	0.011	0.019	0.025	0.027	0.032	0.034	0.027
NO0090R	PCB_187	air+aerosol	0.064	0.053	0.04	0.041	0.036	0.022	0.057	0.04	0.153	0.082	0.029	0.037	0.049
KZ0001R	PCB_189	air+aerosol	-	-	-	0.01	0.01	0.01	0.01	-	-	-	-	-	-
MD0013R	PCB_189	air+aerosol	0.022	0.01	0.011	0.011	0.011	0.01	0.01	0.01	0.01	0.01	-	-	0.011
NO0002R	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
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
NO0090R	PCB_189	air+aerosol	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.014	0.016	0.01	0.01	0.01
KZ0001R	PCB_194	air+aerosol	-	-	-	0.01	0.01	0.01	0.01	-	-	-	-	-	-
MD0013R	PCB_194	air+aerosol	0.152	0.028	0.052	0.038	0.036	0.032	0.025	0.021	0.019	0.024	-	-	0.041
NO0002R	PCB_194	air+aerosol	0.012	0.015	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.011	0.01	0.01	0.011
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
NO0090R	PCB_194	air+aerosol	0.013	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.034	0.053	0.01	0.01	0.013
KZ0001R	PCB_206	air+aerosol	-	-	-	0.01	0.01	0.01	0.01	-	-	-	-	-	-
MD0013R	PCB_206	air+aerosol	0.054	0.017	0.031	0.021	0.018	0.01	0.011	0.012	0.012	0.014	-	-	0.02
NO0002R	PCB_206	air+aerosol	0.012	0.014	0.01	0.012	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.011
NO0042G	PCB_206	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_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
KZ0001R	PCB_209	air+aerosol	-	-	-	0.01	0.014	0.01	0.01	-	-	-	- -		-
MD0013R	PCB_209	air+aerosol	0.041	0.017	0.017	0.019	0.036	0.013	0.019	0.017	0.014	0.011	-	-	0.02
NO0002R	PCB_209	air+aerosol	0.018	0.012	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.012	0.01	0.019	0.012
NO0042G	PCB_209	air+aerosol	0.011	0.014	0.012	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.011
NO0090R	PCB_209	air+aerosol	0.013	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.043	0.013
CZ0003R	PCB_28	air+aerosol	2.675	3.925	2.64	3.65	4.15	5.5	5.85	4.525	3.2	5.575	5	6.9	4.473
DE0001R	PCB_28	air+aerosol	2.2	1.2	1.234	1.645	1.3	2.538	1.7	2.569	2.569	2.3	1.579	1	1.832
DE0009R	PCB_28	air+aerosol	1.4	1.3	0.855	1.586	1.5	1.893	1.8	2.193	2.379	2.2	1.575	0.9	1.64
FI0096G	PCB_28	air+aerosol	1.0	1.4	1.0	1.5	1.9	1.1	2.4	1.4	1.6	1.4	1.1	1.2	1.417
IS0091R	PCB_28	air+aerosol	1.423	1.538	2.177	2.035	2.873	2.706	4.663	4.729	3.912	2.31	1.226	1.272	2.582
KZ0001R	PCB_28	air+aerosol	-	-	-	2.733	4.295	1.912	1.731	-	-	-	-	-	-

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
MD0013R	PCB_28	air+aerosol	8.552	8.322	8.606	14.355	20.171	21.945	15.951	19.163	14.814	12.211	-	-	14.776
NO0002R	PCB_28	air+aerosol	0.783	1.006	1.091	0.58	1.092	0.564	1.268	1.029	1.323	1.196	0.659	0.704	0.939
NO0042G	PCB_28	air+aerosol	1.213	1.314	1.562	1.291	1.458	1.503	1.149	1.259	1.483	1.435	1.333	1.284	1.365
NO0090R	PCB_28	air+aerosol	0.779	0.915	0.632	0.546	0.494	0.259	0.52	0.4	0.783	0.86	0.886	1.041	0.658
SE0012R	PCB_28	air+aerosol	1.4	1.6	4.574	3.4	2.53	1.7	2.6	2.129	2.273	2.1	2.533	1.6	2.383
SE0014R	PCB_28	air+aerosol	1.6	1.7	1.977	2.7	2.029	1.65	3	3.839	2.093	2.7	1.407	1.5	2.195
IS0091R	PCB_31	air+aerosol	1.054	0.828	1.197	1.131	1.596	1.303	4.172	4.256	3.326	1.885	0.981	0.983	1.904
KZ0001R	PCB_31	air+aerosol	-	-	-	2.493	3.859	1.65	1.551	-	-	-	-	-	-
MD0013R	PCB_31	air+aerosol	8.028	7.639	7.806	13.167	19.646	20.178	14.193	16.749	13.381	10.768	-	-	13.507
NO0002R	PCB_31	air+aerosol	0.741	0.957	1.044	0.55	0.999	0.526	1.21	0.949	1.182	1.097	0.637	0.684	0.88
NO0042G	PCB_31	air+aerosol	1.067	1.205	1.408	1.213	1.338	1.358	1.061	1.157	1.393	1.288	1.267	1.241	1.258
NO0090R	PCB_31	air+aerosol	0.734	0.828	0.605	0.54	0.469	0.256	0.506	0.365	0.721	0.79	0.793	0.957	0.614
KZ0001R	PCB_33	air+aerosol	-	-	-	1.593	2.453	1.008	0.968	-	-	-	-	-	-
MD0013R	PCB_33	air+aerosol	5.858	5.506	5.735	8.944	13.582	13.297	8.954	11.202	8.835	7.741	-	-	9.143
NO0002R	PCB_33	air+aerosol	0.477	0.634	0.672	0.322	0.585	0.326	0.724	0.577	0.706	0.647	0.36	0.423	0.536
NO0042G	PCB_33	air+aerosol	0.923	0.886	1.275	0.892	1.081	1.067	0.845	0.929	1.026	0.977	1.009	0.924	0.995
NO0090R	PCB_33	air+aerosol	0.495	0.556	0.366	0.304	0.272	0.141	0.29	0.208	0.414	0.435	0.455	0.583	0.369
KZ0001R	PCB_37	air+aerosol	-	-	-	0.34	0.48	0.211	0.204	-	-	-	-	-	-
MD0013R	PCB_37	air+aerosol	1.484	1.412	1.454	2.136	3.521	3.134	2.621	2.995	1.968	1.595	-	-	2.31
NO0002R	PCB_37	air+aerosol	0.083	0.1	0.108	0.05	0.096	0.061	0.128	0.111	0.117	0.104	0.051	0.058	0.092
NO0042G	PCB_37	air+aerosol	0.244	0.19	0.253	0.136	0.145	0.159	0.143	0.163	0.165	0.178	0.217	0.131	0.177
NO0090R	PCB_37	air+aerosol	0.088	0.095	0.046	0.036	0.038	0.021	0.06	0.038	0.067	0.056	0.07	0.083	0.058
KZ0001R	PCB_47	air+aerosol	-	-	-	2.456	3.395	3.766	4.566	-	-	-	-	-	-
MD0013R	PCB_47	air+aerosol	3.515	4.095	4.041	6.35	7.826	10.531	10.464	12.931	5.893	4.799	-	-	7.386
NO0002R	PCB_47	air+aerosol	0.379	0.552	2.326	0.724	1.501	1.405	2.176	1.534	1.859	0.787	0.393	0.32	1.142
NO0042G	PCB_47	air+aerosol	0.523	0.428	0.695	0.356	0.319	0.251	0.198	0.244	0.322	0.372	0.446	0.363	0.377
NO0090R	PCB_47	air+aerosol	0.659	0.538	0.508	0.787	1.047	0.81	2.063	1.261	2.309	1.724	0.947	1.036	1.1
CZ0003R	PCB_52	air+aerosol	5.975	8.6	4.28	5.9	6.625	8.44	7.45	7.125	5.12	6.65	7.55	7.36	6.721
DE0001R	PCB_52	air+aerosol	1.4	1.4	1.328	1.7	1.7	2.486	2.3	2.852	2.131	2.4	1.479	0.9	1.851
DE0009R	PCB_52	air+aerosol	1.1	1.5	1.134	1.559	1.3	2.169	3.1	2.407	1.869	1.6	1.768	0.9	1.708
FI0096G	PCB_52	air+aerosol	0.73	0.78	0.801	1.083	1.49	1.293	2.6	1.703	1.287	1.11	0.801	0.82	1.217
GB0014R	PCB_52	air+aerosol	21.8	21.8	21.8	104.2	104.2	104.2	0.44	0.44	0.44	3.782	3.782	3.782	32.415
IS0091R	PCB_52	air+aerosol	2.899	2.602	3.156	2.94	4.473	4.91	8.547	8.174	5.543	3.404	3.986	2.081	4.41
KZ0001R	PCB_52	air+aerosol	-	-	-	1.739	2.597	1.186	1.073	-	-	-	-	-	-
MD0013R	PCB_52	air+aerosol	7.487	8.705	7.513	11.042	11.898	16.13	12.75	16.36	9.639	9.934	-	-	11.377
NO0002R	PCB_52	air+aerosol	0.6	0.853	0.919	0.605	1.073	0.667	1.591	1.253	1.164	1.055	0.611	0.597	0.915
NO0042G	PCB_52	air+aerosol	0.782	0.834	0.873	0.756	0.695	0.573	0.446	0.499	0.722	0.757	0.771	0.752	0.703
NO0090R	PCB_52	air+aerosol	0.655	0.823	0.606	0.602	0.531	0.291	0.633	0.44	0.745	0.717	0.675	0.853	0.631
SE0012R	PCB_52	air+aerosol	1	1.2	4.548	5	1.82	1.53	2.7	2.048	2.293	1.6	1.853	1.2	2.249
SE0014R	PCB_52	air+aerosol	1.5	1.5	2.497	3.4	3.187	5.33	6.5	4.81	2.753	3.1	1.873	1.5	3.189
KZ0001R	PCB_66	air+aerosol	-	-	-	0.637	1.006	0.468	0.443	-	-	-	-	-	-
MD0013R	PCB_66	air+aerosol	2.868	3.28	3.039	4.952	5.491	9.138	6.411	7.054	4.011	3.304	-	-	5.178
NO0002R	PCB_66	air+aerosol	0.162	0.218	0.226	0.16	0.299	0.168	0.394	0.315	0.286	0.26	0.139	0.122	0.232
NO0042G	PCB_66	air+aerosol	0.298	0.305	0.302	0.208	0.143	0.118	0.104	0.126	0.178	0.189	0.209	0.175	0.194
NO0090R	PCB_66	air+aerosol	0.188	0.262	0.145	0.139	0.132	0.063	0.168	0.113	0.197	0.157	0.161	0.182	0.16
KZ0001R	PCB_74	air+aerosol	-	-	-	0.372	0.61	0.266	0.249	-	-	-	-	-	-
MD0013R	PCB_74	air+aerosol	1.889	2.19	1.956	3.2	3.287	5.951	4.056	4.737	2.54	2.382	-	-	3.342

Site	Comp	matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
NO0002R	PCB_74	air+aerosol	0.105	0.144	0.142	0.096	0.188	0.098	0.239	0.191	0.18	0.156	0.077	0.079	0.142
NO0042G	PCB_74	air+aerosol	0.166	0.186	0.175	0.123	0.093	0.076	0.064	0.077	0.115	0.12	0.124	0.102	0.117
NO0090R	PCB_74	air+aerosol	0.125	0.169	0.096	0.096	0.089	0.039	0.104	0.07	0.126	0.104	0.093	0.122	0.103
KZ0001R	PCB_99	air+aerosol	-	-	-	0.555	0.832	0.365	0.333	-	-	-	-	-	-
MD0013R	PCB_99	air+aerosol	2.464	3.291	2.597	4.358	2.864	6.572	5.876	6.155	2.933	2.814	-	-	4.185
NO0002R	PCB_99	air+aerosol	0.119	0.165	0.178	0.119	0.236	0.133	0.332	0.282	0.264	0.218	0.099	0.108	0.187
NO0042G	PCB_99	air+aerosol	0.139	0.184	0.147	0.141	0.102	0.063	0.049	0.057	0.123	0.12	0.129	0.124	0.113
NO0090R	PCB_99	air+aerosol	0.134	0.209	0.137	0.121	0.117	0.058	0.129	0.099	0.176	0.146	0.152	0.173	0.133
KZ0001R	sum_heptachlor_PCB	air+aerosol	-	-	-	0.539	0.3	0.217	0.183	-	-	-	-	-	-
MD0013R	sum_heptachlor_PCB	air+aerosol	3.172	1.54	1.709	1.906	1.627	2.082	2.862	2.483	1.301	1.006	-	-	2.035
NO0002R	sum_heptachlor_PCB	air+aerosol	0.146	0.223	0.304	0.105	0.356	0.152	0.473	0.508	0.3	0.262	0.101	0.108	0.251
NO0042G	sum_heptachlor_PCB	air+aerosol	0.112	0.126	0.047	0.121	0.063	0.041	0.03	0.065	0.069	0.07	0.078	0.083	0.073
NO0090R	sum_heptachlor_PCB	air+aerosol	0.255	0.158	0.143	0.148	0.122	0.058	0.153	0.122	1.545	1.238	0.116	0.093	0.264
KZ0001R	sum_hexachlor_PCB	air+aerosol	-	-	-	2.495	1.928	1.173	1.031	-	-	-	-	-	-
MD0013R	sum_hexachlor_PCB	air+aerosol	12.861	16.974	15.019	21.76	14.03	21.04	36.395	27.884	14.692	12.951	-	-	20.549
NO0002R	sum_hexachlor_PCB	air+aerosol	0.695	1.096	1.647	0.769	1.826	0.746	2.793	2.833	2.028	1.731	0.59	0.464	1.426
NO0042G	sum_hexachlor_PCB	air+aerosol	0.7	0.9	0.5	0.8	0.4	0.3	0.2	0.4	0.6	0.5	0.6	0.6	0.525
NO0090R	sum_hexachlor_PCB	air+aerosol	1.016	0.985	0.878	0.884	0.812	0.317	0.743	0.716	2.609	1.344	0.599	0.534	0.858
KZ0001R	sum_pentachlor_PCB	air+aerosol	-	-	-	2.458	2.808	1.262	1.377	-	-	-	-	-	-
MD0013R	sum_pentachlor_PCB	air+aerosol	19.952	28.526	24.963	39.827	23.796	47.126	53.089	51.497	25.396	24.09	-	-	35.625
NO0002R	sum_pentachlor_PCB	air+aerosol	0.878	1.273	1.507	0.904	1.889	0.696	2.66	2.722	2.215	1.761	0.74	0.673	1.486
NO0042G	sum_pentachlor_PCB	air+aerosol	1.1	1.4	0.9	1.0	0.6	0.5	0.4	0.5	1.0	0.9	0.9	0.9	0.834
NO0090R	sum_pentachlor_PCB	air+aerosol	0.906	1.227	1.036	0.951	0.955	0.298	0.69	0.683	1.703	1.133	0.907	0.736	0.886
KZ0001R	sum_tetrachlor_PCB	air+aerosol	-	-	-	10.562	12.802	8.146	9.509	-	-	-	-	-	-
MD0013R	sum_tetrachlor_PCB	air+aerosol	33.653	37.757	36.247	55.912	65.003	89.885	69.8	84.16	49.351	44.739	-	-	58.523
NO0002R	sum_tetrachlor_PCB	air+aerosol	2.637	3.653	6.362	2.937	5.815	3.806	7.675	6.251	6.362	4.725	2.441	2.402	4.553
NO0042G	sum_tetrachlor_PCB	air+aerosol	4.2	4.0	4.6	3.2	3.5	2.2	1.8	2.1	3.0	3.3	3.8	3.2	3.254
NO0090R	sum_tetrachlor_PCB	air+aerosol	3.093	3.787	2.81	3.132	3.17	1.925	4.727	3.09	5.463	4.48	3.599	4.257	3.583
KZ0001R	sum_trichlor_PCB	air+aerosol	-	-	-	16.435	19.954	10.214	9.788	-	-	-	-	-	-
MD0013R	sum_trichlor_PCB	air+aerosol	54.951	53.306	54.942	89.494	124.204	129.971	84.87	105.835	89.762	74.933	-	-	87.992
NO0002R	sum_trichlor_PCB	air+aerosol	5.746	6.917	7.396	3.692	6.34	3.039	7.475	6.139	7.681	7.413	4.621	5.182	5.968
NO0042G	sum_trichlor_PCB	air+aerosol	7.6	8.0	9.5	7.7	10.8	8.6	6.5	7.2	8.6	8.4	8.5	8.3	8.419
NO0090R	sum_trichlor_PCB	air+aerosol	5.476	6.084	4.278	3.589	2.995	1.583	2.691	2.092	4.455	5.381	5.765	6.933	4.168
KZ0001R	sum_PCB	air+aerosol	-	-	-	31.768	45.709	22.583	22.572	-	-	-	-	-	-
MD0013R	sum_PCB	air+aerosol	124.835	138.165	132.98	208.974	228.751	290.162	247.073	271.915	180.547	157.768	-	-	204.805
NO0002R	sum_PCB	air+aerosol	10.144	13.204	17.246	8.438	16.256	8.468	21.105	18.482	18.617	15.924	8.522	8.868	13.717
NO0042G	sum_PCB	air+aerosol	13.82	14.489	15.625	12.944	15.451	11.716	9.037	10.303	13.182	13.253	13.877	13.134	13.137
NO0090R	sum_PCB	air+aerosol	16.275	14.916	9.177	8.741	8.071	4.18	8.86	6.734	15.82	13.637	10.896	12.59	11.845