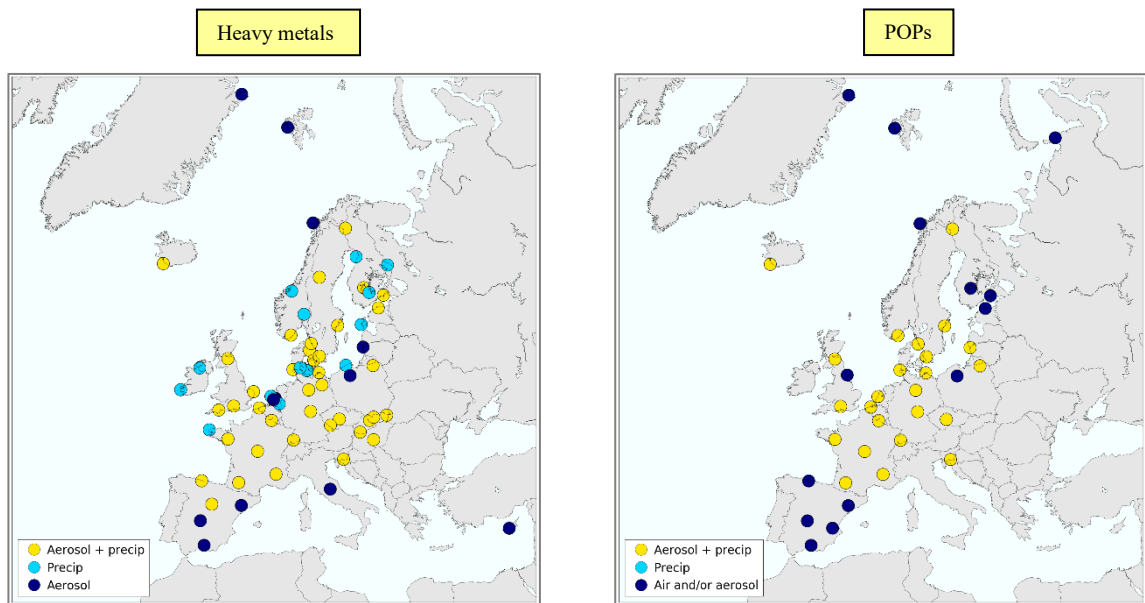


Heavy metals and POP measurements, 2017

Wenche Aas and Pernilla Bohlin-Nizzetto



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

**Heavy metals and POP measurements,
2017**

Wenche Aas and Pernilla Bohlin-Nizzetto



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

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Heavy metals and POP measurements, 2017

1. Introduction

Heavy metals and persistent organic pollutants (POPs) were included in EMEP's monitoring program in 1999. However, earlier data have been reported and are available. The EMEP database, especially for heavy metals, 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), hexachlorobenzene (HCB), chlordanes (CHLs), lindane (γ -HCH), α -HCH, and DDT/DDE.

These recommendations for heavy metals and POPs are implemented in the EMEP monitoring strategy and measurement program for 2010–2019 (EB.AIR/GE.1/2009/15).

So far, twenty-three reports presenting data on heavy metals and POPs from national and international measurement programmes 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, 3/2012, 4/2013, 4/2014, 3/2015, 4/2016, 3/2017, 3/2018) for the period 1987 to 2016. In this report, data from 2017 are presented. All the data, including aggregated monthly and annual averages, are available from EMEP's homepage, <http://www.nilu.no/projects/ccc/emepdata.html>, and they can be directly accessed 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 monitoring sites, which have delivered data on heavy metals for 2017, are found in Figure 1 and Table 1. The sites are divided in those measuring concentrations of heavy metals in both air and in precipitation, and those measuring heavy metals in only one of them. In 2017, there were 39 sites measuring heavy metals in both air and precipitation, and altogether there were 66 measurement sites. There were 22 Parties to EMEP submitting heavy metal data.

There were 28 sites measuring at least one form of mercury, whereof 13 having measurements both in air and precipitation. 18 sites were measuring mercury in gaseous phase. There were 16 Parties to EMEP submitting mercury data.

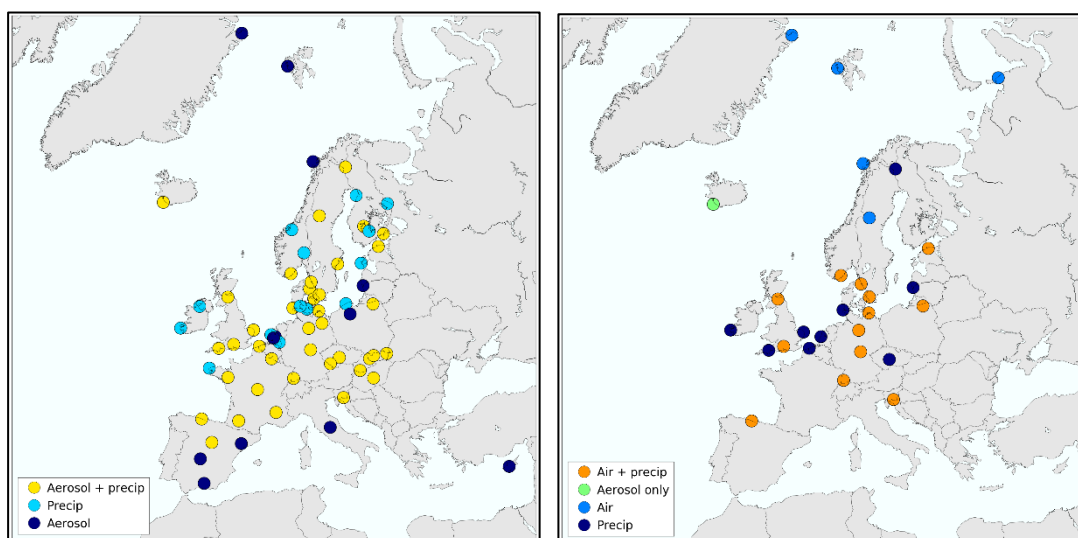


Figure 1: Measurement network of heavy metals (left) and mercury (right), 2017.

The measurement obligations set by the EMEP monitoring strategy (UNECE, 2009) and the EU's air quality directives (EU, 2004, 2008) have clearly improved the site coverage the last years, although there are still a lack of measurements in some parts of Europe, especially for mercury as seen in Figure 1. A brief summary of the sampling and analytical techniques for heavy metals used for the 2017-data are given in Table 2.

Table 1: Monitoring stations and the sampling program of heavy metals, 2017.

Country	code	Station name	Latitude	Longitude	has1	Metals in air	Metals in precip
Belgium	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	Agia Marina Xyliatou / Cyprus Atmosph.	35 2 20 N	33 3 29 E	532	Al,As,Cd,Cr,Cu,Fe,Pb,Mn,Ni,V,Zn	
Czech Republic	CZ0003R	Kosetice (NOAK)	49 35 0 N	15 5 0 E	534	As,Cd,Co,Cr,Cu,Fe,Mn,Ni,Pb,Se,V,Zb	As,Cd,Co,Cr,Cu,Hg,Ni,Pb,V,Zn
	CZ0005R	Churanov	49 4 0 N	13 36 0 E	118	As,Cr,Cd,Co,Cu,Fe,Pb,Ni,Mn,Se,V,Zn	As,Cd,Fe,Co,Cr,Ni,Pb,Se,V,Zn
Germany	DE0001R	Westerland	54 55 32 N	8 18 35 E	12	As,Cd,Cu,Co,Fe,Pb,Mn,Ti,Ni,Sb,V,Zn,Se	As,Cd,Cr,Co,Cu,Fe,Hg,Pb,Mn,Mo,Ni,Sb,Se,Ti,Tl,V,Zn
	DE0002R	Langenbrügge (Waldof)	52 48 8 N	10 45 34 E	74	As,Cd,Cu,Co,Fe,Hg,Pb,Mn,Ni,Tl,Sb,V,Zn,Se	As,Cd,Cr,Co,Cu,Fe,Hg,Pb,Mn,Mo,Ni,Sb,Se,Ti,Tl,V,Zn
	DE0003R	Schauinsland	47 54 53 N	7 54 31 E	1205	As,Cd,Cu,Co,Fe,Hg,Pb,Mn,Ni,Tl,Sb,V,Zn,Se	As,Cd,Cr,Co,Cu,Fe,Hg,Pb,Mn,Mo,Ni,Sb,Se,Ti,Tl,V,Zn
	DE0007R	Neuglobsow	53 10 0 N	13 2 0 E	65	As,Cd,Cu,Co,Fe,Pb, Mn,Ni,Tl, Sb,V,Zn,Se	As,Cd,Cr,Co,Cu,Fe,Hg,Pb,Mn,Mo,Ni,Sb,Se,Ti,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,Se	As,Cd,Cr,Co,Cu,Fe,Hg,Pb,Mn,Mo,Ni,Sb,Se,Ti,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,Se	As,Cd,Cr,Co,Cu,Fe,Hg,Pb,Mn,Mo,Ni,Sb,Se,Ti,Tl,V,Zn
Denmark	DK0005R	Keldsnor	54 44 47 N	10 44 10 E	10		As,Cd,Cr,Cu,Ni,Pb
	DK0008R	Anholt Villum Reserach Station,	56 43 0 N	11 31 0 E	40	As,Cd,Pb,Ni	As,Cd,Cr,Cu,Ni,Pb
	DK0010G	North Greenland	81 36 0 N	16 40 12 W	20	As,Cd,Hg,Ni,Pb	
	DK0012R	Risø	55 41 36 N	12 5 0 E	3	As,Cd,Pb,Ni	As,Cd,Cr,Cu,Ni,Pb
	DK0022R	Sepstrup Sande	55 5 0 N	9 36 0 E	60		As,Cd,Cr,Cu,Ni,Pb
Estonia	EE0009R	Lahemaa	59 30 0 N	25 54 0 E	32	As,Cd,Hg,Pb,Ni	As,Cd,Cr,Cu,Hg,Ni,Pb,Zn
	EE0011R	Vilsandy	58 23 0 N	21 49 0 E	6		Cd,Cu,Pb,Zn
Spain	ES0001R	San Pablo de los Montes	39 32 49 N	4 21 2 W	917	As,Cd,Cr,Pb,Ni,Zn	As,Cd,Cu,Cr,Pb,Hg,Ni,Zn (total deposition)
	ES0007R	Viznar	37 14 14 N	3 32 3 W	1265	As,Cd,Cr,Pb,Ni,Zn	As,Cd,Cu,Cr,Pb,Hg,Ni,Zn (total deposition)
	ES0008R	Niembro	43 26 20 N	4 50 57 W	134	As,Cd,Cr,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
	ES0012R	Zarra	39 5 10 N	1 6 7 W	885		As,Cd,Cu,Cr,Pb,Hg,Ni,Zn (total deposition)
	ES0014R	Els Torms	41 23 33 N	0 44 3 E	470	As,Cd,Cr,Cu,Ni,Pb,Zn	As,Cd,Cu,Cr,Pb,Hg,Ni,Zn (total deposition)
Finland	FI0018R	Virolahti III	60 31 48 N	27 40 3 E	4	Al,As,Cd,Co,Cr,Cu,Fe,Mn,Ni,Pb,V,Zn	Al,As,Cd,Co,Cr,Cu,Fe,Mn,Ni,Pb,V,Zn
	FI0036R	Pallas/Matarova	68 0 0 N	24 14 23 E	340	Al,As,Cd,Co,Cr,Cu,Hg,Fe,Mn,Ni,Pb,V,Zn	Al,As,Cd,Co,Cr,Cu,Fe,Hg,Mn,Ni,Pb,V,Zn
	FI0050R	Hyytiälä	61 51 0 N	24 17 0 E	181	Al,As,Cd,Co,Cr,Cu,Fe,Mn,Ni,Pb,V,Zn	Al,As,Cd,Co,Cr,Cu,Fe,Mn,Ni,Pb,V,Zn
	FI0053R	Hailuoto II	65 0 0 N	24 41 39 E	0		Al,As,Cd,Co,Cr,Cu,Fe,Mn,Ni,Pb,V,Zn
	FI0092R	Hietajärvi	63 10 0 N	30 43 0 E	172		Al,As,Cd,Co,Cr,Cu,Fe,Mn,Ni,Pb,V,Zn
	FI0093R	Kotinen	61 14 0 N	25 4 0 E	158		Al,As,Cd,Co,Cr,Cu,Fe,Mn,Ni,Pb,V,Zn
France	FR0009R	Revin	49 54 0 N	4 38 0 E	0	As,Cd,Ni,Pb	As,Cd,Ni,Pb
	FR0013R	Peyrusse Vieille	43 37 0 N	0 11 0 E	200	As,Cd,Ni,Pb	As,Cd,Ni,Pb
	FR0023R	Saint-Nazaire-le-Désert	44 34 10 N	5 16 44 E	605	As,Cd,Ni,Pb	As,Cd,Ni,Pb
	FR0024R	Guipry	47 49 55 N	1 50 11 W	29	As,Cd,Ni,Pb	As,Cd,Ni,Pb
	FR0025R	Verneuil	46 48 53 N	2 36 36 E	182	As,Cd,Ni,Pb	As,Cd,Ni,Pb
	FR0090R	Porspoder	48 31 0 N	4 45 0 W	50		As,Cd,Co,Cu,Cr,Ni,V,Zn
Great Britain	GB0006R	Lough Navar	54 26 35 N	7 52 12 W	126		As,Cd,Cr,Cu,Pb,Ni,Zn
	GB0013R	Yarner Wood	50 35 47 N	3 42 47 W	11	As,Cd,Cr,Cu,Ni,Pb,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,Ni,Pb,Zn	As,Cd,Cr,Cu,Hg,Pb,Ni,Zn
	GB1055R	Chilbolton Observatory	51 8 59 N	1 26 18 W	78	As,Cd,Cr,Co,Cu,Fe,Hg,Pb,Ni,Se,V,Zn	Al,As,Cd,Cr,Co,Cu,Hg,Pb,Mn,Ni,V,Zn + more
	GB0048R	Auchencorth Moss	55 47 36 N	3 14 41 W	260	As,Cd,Cr,Co,Cu,Fe,Hg,Mn,Ni,Pb,Se,V,Zn	Al,As,Cd,Cr,Co,Cu,Hg,Pb,Mn,Ni,V,Zn + more
Hungary	HU0002R	K-pusztá	46 58 0 N	19 35 0 E	125	Pb,Cd	Pb, Cd
Ireland	IE0001R	Valentina Obs.	51 56 23 N	10 14 40 W	11		Al,As,Cd,Cr,Cu,Pb,Mn,Hg,Ni,V,Zn

Table 1, cont.

Country	code	Station name	Latitude			Longitude			has1	Metals in air	Metals in precip
Iceland	IS0091R	Storhofdi	63	24	0 N	20	17	0 W	118	Al,As,Cd,Co,Cr,Cu,Fe,Hg,Mn,Ni,Pb,V,Zn	Al,As,Cd,Cr,Cu,Fe,Mn,Ni,Pb
Italy	IT0019R	Monte Martano	42	48	20 N	12	33	56 E	1090	Al,As,Cd,Cr,Co,Cu,Fe,Mn,Mo,Ni,Pb,Sn,Ti,V,Zn	Al,As,Cd,Cr,Co,Cu,Fe,Mn,Mo,Ni,Pb,Sn,Ti,V,Zn (tot. dep.)
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	11	99 N	5	19	50 E	5.0	As,Cd,Pb,Ni,Zn	
	NL0010R	Vredepeel	51	54	5 N	5	85	31 E	28		As,Cd,Cr,Cu,Fe,Ni,Pb,V,Zn
	NL0091R	De Zilk	52	29	66 N	4	51	9 E	4.0		As,Cd,Cr,Cu,Fe,Pb,Ni,Zn,Hg
	NL0644R	Cabauw Wielsekade	51	58	28 N	4	55	25 E	1	As,Cd,Pb,Ni,Zn	
Norway	NO0001R	Birkenes	58	23	0 N	8	15	0 E	190	As,Cd,Cr,Co,Cu,Pb,Hg,Ni,V,Zn	As,Cd,Cr,Co,Cu,Pb,Hg,Ni,V,Zn
	NO0039R	Kårvatn	62	47	0 N	8	53	0 E	210		Cd,Pb,Zn
	NO0042G	Zeppelin	78	54	0 N	11	53	0 E	474	As,Cd,Cr,Co,Cu,Pb,Mn,Hg,Ni,V,Zn	
	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,Hg,Pb,Ni,Zn
	PL0009R	Zielonka	53	39	44 N	17	56	2 E	121	As,Cd,Ni,Pb	
Russia	RU0002R	Amderma	69	43	0 N	61	37	0 E	100	Hg(g)	
Sweden	SE0005R	Bredkålen	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
	SE0012R	Aspvreten	58	48	0 N	17	23	0 E	20	As,Cd,Cr,Pb,Co,Cu,Mn,Ni,V,Zn	As,Cd,Cr,Co,Cu,Pb,Mn,Ni,V,Zn
	SE0014R	Råö	57	23	0 N	11	53	0 E	10	As,Cd,Hg,Pb,Cr,Co,Cu,Mn,Ni,V,Zn	As,Cd,Cr,Co,Cu,Hg,Pb,Mn,Ni,V,Zn
	SE0020R	Hallahus	56	2	80 N	13	8	80 E	190	As,Cd,Hg,Pb,Cr,Co,Cu,Mn,Ni,V,Zn	As,Cd,Cr,Co,Cu,Hg,Pb,Mn,Ni,V,Zn
Slovenia	SI0008R	Iskrba	45	33	45 N	14	51	45 E	520	As,Cd,Co,Cr,Cu,Hg,Pb,Mn,Ni,V,Zn	As,Cd,Cr,Co,Cu,Hg,Pb,Mn,Ni,V,Zn
Slovakia	SK0002R	Chopok	48	56	0 N	19	35	0 E	2008	As,Cd,Cr,Cu,Pb,Ni,Zn	As,Cd,Cr,Cu,Pb,Ni,Zn
	SK0004R	Stará Lesná	49	9	0 N	20	17	0 E	808	As,Cd,Cr,Cu,Pb,Ni,Zn	As,Cd,Cr,Cu,Pb,Ni,Zn
	SK0006R	Starina	49	3	0 N	22	16	0 E	345	As,Cd,Cr,Cu,Pb,Ni,Zn	As,Cd,Cr,Cu,Pb,Ni,Zn
	SK0007R	Topolníky	47	57	36 N	17	51	38 E	113	As,Cd,Cr,Cu,Pb,Ni,Zn	As,Cd,Cr,Cu,Pb,Ni,Zn

Table 2: Measurement methods for heavy metals, 2017.

Country	Precipitation		Air and aerosols		Laboratory method
	Field method	Frequency	Field method	Frequency	
Belgium Hg	wet only wet only	weekly weekly	Low volume sampler	48h	ICP-MS CV-AFS
Cyprus	wet only	daily	High Volume Sampler, quartz fibre filters, ca 700 m ³ /day	daily	ICP-OES, ICP-MS
Czech Republic Hg	Wet only Bulk	Daily: CZ03 Weekly: CZ05 Weekly: CZ3	Filter-1pack	every 2nd day	ICP-MS AFSFX
Germany Hg	wet only wet only	Weekly Weekly	Low volume sampler TGM : monitor (Tekran) GEM : mercury speciation unit (Tekran) TPM : mercury speciation unit (Tekran) RGM : mercury speciation unit (Tekran)	weekly daily (reported) 1 h (reported) 3 h (5 - 6 values per 24 h) 3 h (5 - 6 values per 24 h)	ICP-MS
Denmark Hg	Bulk	Monthly	Low volume sampler, Millipore RAWP 1.2 µm, 58 m ³ /day TGM: monitor (Tekran)	daily continuously	Precip: GF-AAS , Aerosols: ICP-MS
Estonia	Bulk	EE0009R weekly EE0011R 2-weekly	High vol.	weekly	GF-AAS, Zn: F-AAS
Spain	wet only	Weekly	High-vol, PM10	24h a week	ICP-MS (aerosol) GF-AAS for precip
Finland Hg	Bulk Bulk	Monthly Monthly	Low volume sampler FI36 TGM : gold traps by Sweden	weekly 2 X 24 h a week	ICP-MS CV-AFS
France FR09, FR13 FR23 FR25 FR24 FR90	wet only Bulk Bulk	2-weekly 2-weekly Monthly	low volume sampler low volume sampler	2-weekly 2-weekly	ICP MS ICP MS ICP-MS
Great Britain	Bulk	GB06,17: monthly GB13,91: weekly	PM10, low volume sampler	weekly	ICP-MS
Hungary	wet only	weekly	filter_1pack	3 day samples	GF-AAS
Ireland	Bulk	Monthly		continuously	ICP-MS

Table 2, cont.

Country	Precipitation		Air and aerosols		Laboratory method
	Field method	Frequency	Field method	Frequency	
Iceland	Hg Bulk	Weekly	High vol. High vol.	2-weekly 2-weekly	ICP-MS CV-AAS
Italy	Bulk sampler precip+dry deposition	Monthly	High vol	48 h a week	ICP-MS
Latvia	wet only	Weekly	PM10, low volume sampler, 2.3 m ³ /h	Biweekly	GF-AAS, Hg: CV-AAS
Netherlands	Wet-only	weekly (NL0091R)	PM10, low volume sampler, OPSIS teflon filters, 2.3 m ³ /h (NL0008R) PM2.5 low volume sampler, OPSIS teflon filters, 2.3 m ³ /h (NL0008R)	Every 2nd day Every 4th day	ICP-MS
	Bulk	2-weekly (NL0010R)			ICP-MS
	Hg Wet-only	Weekly			CV-AFS
Norway	Bulk	Weekly	NO42: High Vol, 20 l/h, W41 NO01: PM10 KFG 2,3 l/h, quartz TGM: monitor (Tekran)	48h a week	ICP-MS
	Hg Bulk (Hg)	Monthly		Weekly continuously	CV-AFS
Poland	PL04 Wet-only	2-weekly sampling, monthly analysis	PM10 High vol, quartz filter Hg: gold traps (TGM) PM10 High vol, quartz filter	daily sampling, weekly analysis (bulked 7 filters) 24h a week daily sampling, weekly analysis (bulked 7 filters)	GF-AAS, Zn: F-AAS
	PL05 Bulk	Weekly sampling, monthly analysis			GF-AAS, Zn:F-AAS - precip.; As, Cd, Ni, Pb: GF-AAS, Cr, Cu, Zn: ICP-AES - PM10
	Hg Bulk (Hg)	Weekly			AAS-AMA analyzer
	PL09				As, Cd, Ni, Pb: GF-AAS
Russia			TGM: monitor (Tekran)	continuously	CV-AFS
Sweden	Bulk	Monthly	Low volume sampler, teflon filter Hg: gold traps (TGM) Hg: mini traps (TPM)	monthly	ICP-MS
	Hg Bulk (Hg)	2-weekly		2 X 24 h a week (SE0014) 1 X 24 h a week (SE0011,SE005)	CV-AFS
				2 X 24 h a week	CV-AFS
Slovenia	bulk (HM)	weekly	Low volume, PM10, quartz filters AAS with Zeeman background corr.	24 h every 2 days	ICP-MS
	Hg wet only (Hg)	1 month		continuously for min 2 weeks of each season	Precip: CV-AAS, Aerosol: AAS

Table 2, cont.

Country	Precipitation		Air and aerosols	Laboratory method
Slovakia	Wet-only: SK04, SK06, SK07. Bulk: SK02	Monthly: SK02, SK04, SK07. Weekly: SK06	SK02: TSP Filter-1pack, Nitrocellulose filters Sartorius 47mm: 22-24 m3/day, pump changed since Sept. 35-40 m3/day. SK04, SK06, SK07: 24 m3/day PM10/microPNS.	Weekly Precipitation:GF-AAS; Zn: F- AAS, As: MHS; Air: ICP-MS

GF-AAS: Graphic Furnace Atomic Absorption Spectroscopy

ICP-MS (or OES): Inductively Coupled Plasma - Mass Spectrometry (optical emission spectrometry)

CV-AAS: Cold Vapour Atomic Fluorescence Spectroscopy

XRF: X-ray fluorescence

2.2 Monitoring sites for POPs

The locations of the monitoring sites, which have delivered data on POPs for 2017, are shown in Figure 2-3 and Table 3. In 2017, there were a total of 38 monitoring sites (Table 3) reporting data on POPs. All of these reported measurements in air, while 24 of the sites also reported measurements in precipitation. In addition, there were five sites reporting campaign data for total deposition.

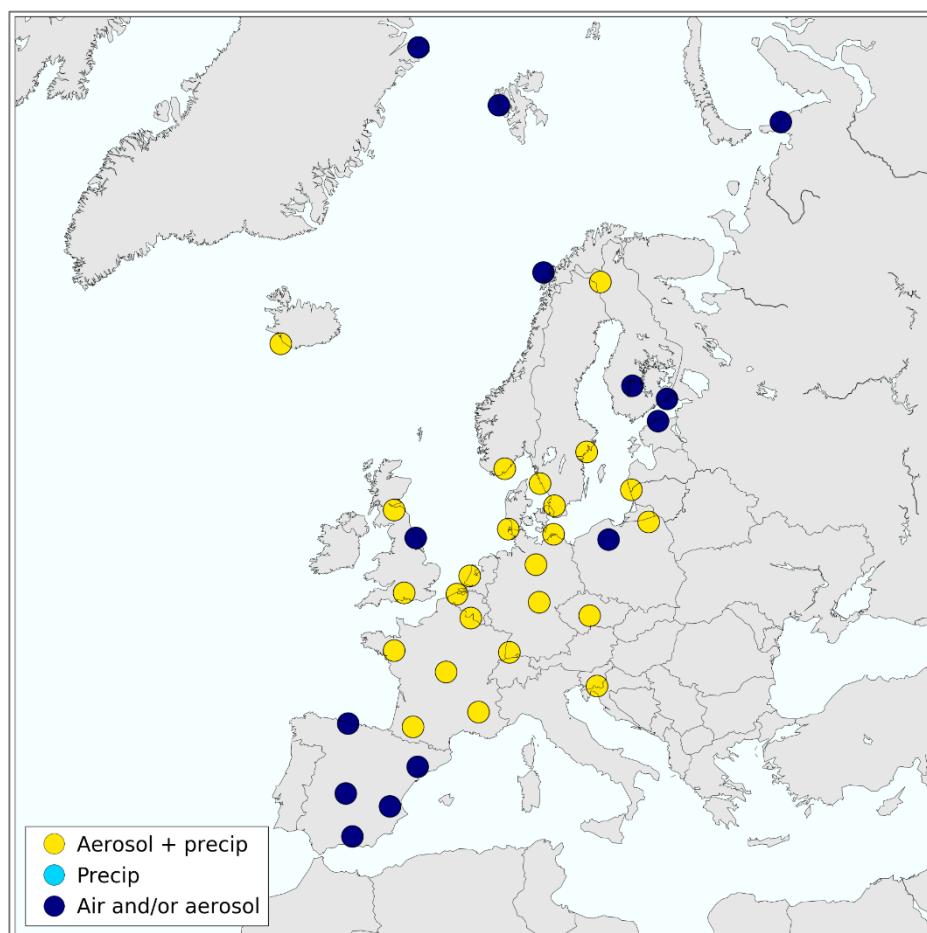


Figure 2: Measurement network of POPs in EMEP, 2017.

There is still a large discrepancy in the type of POP-compounds monitored at each site within the network (Figure 3). About 70% of the sampling sites in 2017 provide data solely on PAHs, and more specifically benzo[a]pyrene (B(a)P), while the other 30% of the sampling sites provide data on a combination of PAHs and various priority POPs and emerging/new POPs (such as polybrominated diphenyl ethers, PBDEs, and per- and polyfluorinated alkyl substances, PFAS).

In 2017, only two sites fulfil the strategic long-term plans on POPs (EB.AIR/GE.1/1997/8) by including PAHs, PCBs, HCB, HCHs, CHLs, and DDTs in air. Most of the targeted POPs are fulfilled at ten sites for air and precipitation.

A brief summary of the sampling and analytical techniques used for POPs for the 2017-data are given in Table 4.

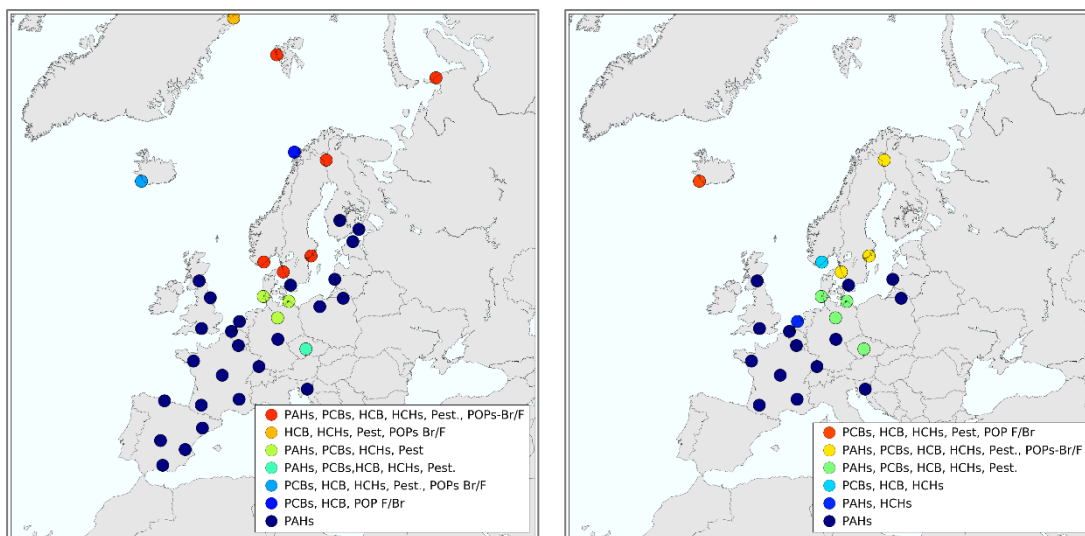


Figure 3: Spatial distribution of monitored POP components for air (left) and precipitation (right) respectively, in 2017.

Table 3: Monitoring stations and their sampling program of POPs, 2017.

Country	Code	Name	Latitude	Longitude	hasI	POPs in air and aerosol	POPs in precipitation
Belgium	BE0013R	Houtem	51 0 58 N	2 34 56 E	44	PAHs	PAHs
Czech rep.	CZ0003R	Kosetice	49 35 0 N	15 5 0 E	534	PAHs, PCBs, HCB, DDTs, HCHs	PAHs, PCBs, DDTs, HCHs
Germany	DE0001R	Westerland	54 55 32 N	8 18 35 E	12	PAHs, PCBs, DDTs, HCHs, OCPs*	PAHs, PCBs, HCB, DDTs, HCHs, OCPs*
	DE0002R	Waldhof	52 48 8 N	10 45 34 E	74	PAHs, PCBs, DDTs, HCHs, OCPs*	PAHs, PCBs, HCB, DDTs, HCHs, OCPs*
	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, DDTs, HCHs, OCPs*	PAHs, PCBs, HCB, DDTs, HCHs, OCPs*
Denmark	DK0010G	Villum Reserach Station, North Greenland	81 36 0 N	16 40 12 W	20	HCB, DDTs, HCHs, OCPs*, BDEs	
Estonia	EE0009R	Lahemaa	59 30 0 N	25 54 0 W	32	Benzo[a]pyrene	
Spain	ES0001R	San Pablo de los Montes	39 32 49 N	4 21 2 W	917	PAHs	PAHs (**)
	ES0007R	Viznar	37 14 14 N	3 32 3 W	1265	PAHs	PAHs (**)
	ES0008R	Niembro	43 26 32 N	4 51 1 W	134	PAHs	PAHs (**)
	ES0012R	Zarra	39 5 10 N	1 6 7 W	885	PAHs	PAHs (**)
	ES0014R	Els Torms	41 23 33 N	0 44 3 E	470	PAHs	PAHs (**)
Finland	FI0018R	Virolahti III	60 31 48 N	27 40 3 E	4	PAHs	
	FI0036R	Pallas/Matorova	68 0 0 N	24 14 23 E	340	PAHs, PCBs, HCB, DDTs, HCHs, BDEs, PFASs	PAHs, PCBs, HCB, DDTs, HCHs, BDEs
	FI0050R	Hyytiala	61 51 0 N	24 17 0 E	181	PAHs	
France	FR0009R	Revin	49 54 0 N	4 38 0 E	390	PAHs	PAHs
	FR0013R	Peyrusse Vieille	43 37 0 N	0 11 0 E	200	PAHs	PAHs
	FR0023R	Saint-Nazaire-le-Désert	44 34 10 N	5 16 44 E	605	PAHs	PAHs
	FR0024R	Guipry	47 49 55 N	1 50 11 W	29	PAHs	PAHs
	FR0025R	Verneuil	46 48 53 N	2 36 36 E	182	PAHs	PAHs
Great Britain	GB0014R	High Muffles	54 20 4 N	0 48 27 W	267	PAHs	
	GB1055R	Chilbolton Observatory	51 8 59 N	1 26 18 W	78	PAHs	PAHs
	GB0048R	Auchencorth Moss	55 47 31 N	3 14 34 W	260	PAHs	PAHs
Iceland	IS0091R	Storhofdi	63 24 0 N	20 17 0 W	118	PCBs, HCB, DDTs, HCHs, OCPs*, BDEs	PCBs, HCB, DDTs, HCHs, OCPs*, BDEs
Latvia	LV0010R	Rucava	56 9 44 N	21 10 23 E	18	PAHs	PAHs
Netherlands	NL0091R	De Zilk	52 29 66 N	4 51 9 E	4	PAHs	PAHs, HCH
Norway	NO0042G	Spitsbergen	78 54 0 N	11 53 0 E	474	PAHs, PCBs, HCB, DDTs, HCHs, OCPs*, BDEs, HBCDs, TBA, PFASs	
	NO0002R	Birkenes	58 23 0 N	8 15 0 E	190	PAHs, PCBs, HCB, DDTs, HCHs, OCPs*, BDEs, HBCDs, TBA, PFASs	PCBs, HCB, HCHs
	NO0090R	Andøya	69 16 42 N	16 0 42 E	380	PCBs, HCB, PFASs	
Spain	ES0001R	San Pablo de los Montes	39 32 49 N	4 21 2 W	917	PAHs	PAHs (**)

* One or several of: aldrin, dieldrin, endrin, heptachlor, oxychlorodane, heptachlorepoxyde, mirex, endosulfan

** Campaign data

Table 3, cont.

Country	Code	Name	Latitude	Longitude	hasI	POPs in air and aerosol	POPs in precipitation
Poland	PL0005R	Diabla Gora	54 7 3 N	22 2 17 E	157	PAHs	Poland
	PL0009R	Zielonka	53 39 44 N	17 56 2 E	121	PAHs	
Russia	RU0002R	Amderma	69 43 0 N	61 37 0 E	100	PAHs, PCBs, HCB, DDTs, HCHs, OCPs*, BDEs	
Sweden	SE0020R	Hallahus	56 2 44 N	13 8 80 E	190	PAHs	PAHs
	SE0012R	Aspvreten	58 48 0 N	17 23 0 E	20	PAHs, PCBs, HCB, DDTs, HCHs, OCPs*, BDEs, PCDD/Fs**	PAHs, PCBs, HCB, DDTs, HCHs, BDEs
	SE0014R	Råö	57 23 38 N	11 55 50 E	5	PAHs, PCBs, HCB, DDTs, HCHs, OCPs*, BDEs, PCDD/Fs*, PFAS	PAHs, PCBs, HCB, DDTs, HCHs, BDEs
Slovenia	SI0008R	Iskrba	45 33 45 N	14 45 45 E	520	PAHs	PAHs

* One or several of: aldrin, dieldrin, endrin, heptachlor, oxychlordan, heptachlorepoide, mirex, endosulfan

Table 4: Measurement methods for POPs, 2017.

Country	Precipitation		Air and aerosols		Laboratory method
	Sampling method	Frequency	Sampling method	Frequency	
Belgium	Bulk, funnel-bottle (PAH)	4-weekly	Low Volume, Leckel, 55.2 m3/day (PAHs)	24h, once every 3 days	GC-MS
Czech rep.	Wet only	Daily	High Vol, Digitel, PM10, Whatman quartz filter QM-A/150 mm, PU-foam, 700 m3/day	24 h, once per week	HPLC, GC-MS
Germany	Wet only + funnel wash	Monthly	High Vol, filter + PU-foam	Monthly	GC-MS
Estonia			High Vol, PM10	Weekly	
Spain	Bulk (precip + dry dep)	4 month (campaign)	High Vol, PM10	24h, once every 8 days	GC-MS
Finland	Bulk (precip + dry dep)	Monthly sampling	Low volume (Low Vol)	Weekly sampling, monthly analysis	HPLC, GC-MS, GC-ECD
France	Bulk (precip + dry dep)	Monthly sampling (28 days)	High Vol, Digitel, PM10, DA80 quartz filter	24 h, once every 6 days	HPLC-DAD-FLD
Great Britain	information missing	information missing	High Vol, Whatman GF filter + 2 PU-foams, 5 m3/h	Biweekly sampling, 3 monthly analysis	GC-MS
Latvia	Wet only	Weekly	Low Vol, PM10, OPSIS teflon filters, 2.3 m3/h	Biweekly	HPLC, GC-MS
Netherlands	Bulk	4 weekly	Low vol, PM10, 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 PU-foams, 20 m3/h	NO01: 24h, once a week NO42: 48h, once a week	GC-MS
Poland	Bulk, funnel and bottle of glass	Weekly sampling, monthly analysis	High Vol, quartz filter, 750 m3/day	Daily sampling, weekly analysis (7 filters)	HPLC
Russia			High Vol, filter + PU-foam	3 weekly	GC- HRMS
Portugal	Wet only	2-weekly	High Vol, quartz filter	24h, once every second week	HPLC, GC-MS, GC-ECD
Sweden	Bulk (precip + dry dep)	1-2-week sampling, monthly analysis	High vol. Low Vol (SE0011R)	Weekly sampling, monthly analysis	HPLC, GC-MS, GC-ECD
Slovenia	Bulk (precip + dry dep)	Weekly	Low Vol, PM10, OPSIS teflon filters, 2.3 m3/h	24h (every 2nd day)	GC-MS

HPLC: High Performance Liquid Chromatography

GC-MS: Gas Chromatography + Mass Spectrometry

GC-ECD: Gas Chromatography + Electron Capture Detector

TLC: Thin Layer Chromatography

2.3 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 selected elements in the 2017 precipitation and air data are presented in Figure 4-19.

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 are generally found in Scandinavia, and the highest depends on compounds and compartment, aerosol or precipitation. For lead, the highest concentration in aerosols is observed in Hungary followed by sites in Slovakia, and in the Benelux. In precipitation, the highest volume weighted annual mean is observed in Slovakia followed by sites in Spain and France. For cadmium, the highest concentration in aerosols is observed in Hungary followed by sites in Belgium and Spain, while in precipitation, the highest level is seen in France, Spain and Estonia. For total gaseous and elemental mercury, the highest concentration is seen in Germany, while in precipitation, the highest levels are seen in Latvia and the Czech Republic.

The relatively high concentrations indicated at the few sites in Eastern Europe show the importance of establishing more sites with continuous measurements in this region to get better knowledge of the pollution levels there.

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, 2014), 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 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.

Table 5: Annual average concentration of heavy metals in precipitation in 2017 ($\mu\text{g/l}$, Hg in ng/l).

Code	Pb	Cd	Zn	Hg	Ni	As	Cu	Co	Cr	Mn	V	Fe	Al	mm	mm (Hg)
BE0014R	0.67	<i>0.025</i>	8.4	5.75	0.2	0.06	2.91	-	0.09	3.35	-	13	-	725	775
CZ0003R	0.74	0.024	24.2	13.97	0.41	<i>0.13</i>	1.81	0.05	0.07	-	0.12	-	-	740	742
CZ0005R	0.41	0.013	4.9	-	0.15	0.09	1.05	0.02	0.05	-	0.07	20	-	965	
DE0001R	0.29	0.01	5.1	5.6	0.18	<i>0.05</i>	0.41	0.02	0.04	1.16	0.14	11	-	826	913
DE0002R	0.48	0.016	3.4	7.48	0.12	0.06	0.84	0.02	0.06	1.71	0.13	16	-	941	887
DE0003R	0.27	0.008	2	5.79	0.09	0.03	0.49	0.01	0.04	1.01	0.09	8	-	1700	1739
DE0007R	0.44	0.015	3.9	-	0.13	0.07	0.83	0.02	0.05	4.35	0.12	14	-	776	
DE0008R	0.43	0.015	8	5.76	0.43	0.05	0.73	0.02	0.06	1.19	0.1	13	-	1383	1462
DE0009R	0.44	0.014	2.9	8.19	0.3	0.06	0.93	0.02	0.08	2.09	0.18	13	-	660	680
DK0005R	1.12	0.026	-	-	0.33	0.08	1.39	-	0.32	-	-	-	-	546	
DK0008R	0.38	0.016	-	-	0.14	0.22	0.66	-	0.24	-	-	-	-	731	
DK0012R	0.44	0.032	-	-	0.39	0.07	1.34	-	0.15	-	-	-	-	707	
DK0022R	0.66	0.017	-	-	0.14	0.07	0.72	-	0.08	-	-	-	-	1046	
EE0009R	0.49	0.032	19.4	<i>5.44</i>	0.65	0.06	1.9	-	<i>0.25</i>	-	-	-	-	778	778
EE0011R	0.61	<i>0.054</i>	10.2	-	-	-	1.8	-	-	-	-	-	-	685	
ES0008R	1.75	<i>0.054</i>	38.2	7.7	<i>0.6</i>	0.08	<i>10.87</i>	-	0.97	-	-	-	-	1265	963
ES0009R	1.04	0.084	61.5	-	<i>1.83</i>	0.17	8.83	-	1.48	-	-	-	-	325	
FI0018R	0.56	0.028	3	-	<i>0.23</i>	0.07	0.58	0.02	0.05	1.93	0.2	33	20	820	
FI0036R	0.16	0.006	1.1	5.01	0.17	0.03	0.43	0.01	0.03	1.38	0.07	3	2.3	560	575
FI0050R	0.28	0.011	2.3	-	0.32	0.05	0.57	0.01	0.06	1.56	0.1	13	8.8	596	
FI0053R	0.24	0.010	2.6	-	0.27	0.04	0.58	0.03	0.09	1.61	0.20	14.00	8.9	378	
FI0092R	0.27	<i>0.012</i>	1.6	-	<i>0.14</i>	<i>0.04</i>	0.39	0.01	0.04	1.11	0.1	8	5.9	704	
FI0093R	0.27	<i>0.012</i>	1.6	-	<i>0.13</i>	<i>0.04</i>	0.4	0.01	0.05	1.27	0.1	9	6.8	599	
FR0009R	0.69	<i>0.028</i>	-	-	<i>0.28</i>	<i>0.06</i>	-	-	-	-	-	-	-	1052	
FR0013R	0.54	<i>0.024</i>	-	-	0.48	0.11	-	-	-	-	-	-	-	668	
FR0023R	1.54	<i>0.063</i>	-	-	<i>0.84</i>	<i>0.16</i>	-	-	-	-	-	-	-	798	
FR0024R	0.93	0.023	-	-	1.46	0.27	-	-	-	-	-	-	-	611	
FR0025R	0.77	0.058	-	-	0.31	0.23	-	-	-	-	-	-	-	671	
FR0090R	-	0.031	<i>10.5</i>	-	0.44	0.16	0.55	0.06	0.05	-	0.39	-	-	635	
GB0006R	0.08	0.004	0.8	-	0.03	0.1	0.16	-	0.06	-	-	-	-	1511	
GB0013R	0.17	0.007	2.3	4.15	0.12	0.07	0.45	-	0.09	-	-	-	-	1009	915
GB0017R	0.49	0.016	4.4	6.48	0.1	0.12	0.89	-	0.14	-	-	-	-	548	530
GB0048R	0.11	<i>0.007</i>	3.3	5.18	0.11	0.06	0.72	0.01	0.09	0.71	0.1	7	23	791	808
GB1055R	0.26	0.013	3.4	<i>6.1</i>	0.12	0.07	0.91	0.01	0.11	1.16	0.21	7	20.5	652	667
HU0002R	1.09	0.036	-	-	-	-	-	-	-	-	-	-	-	793	
IE0031R*	0.42	0.019	49.1	10.0	0.14	0.13	13.59	0.02	0.29	2.25	-	-	47.1	1961	
IS0091R	0.42	0.016	-	-	<i>0.44</i>	<i>-0.01</i>	3.1	0.13	0.3	4.47	-	231	199	1659	
LV0010R	<i>0.51</i>	<i>0.021</i>	-	<i>15.79</i>	<i>0.6</i>	<i>0.13</i>	-	-	-	-	-	-	-	1019	1019
NL0010R	1.07	<i>0.048</i>	10.6	-	0.22	0.12	2.48	-	<i>0.17</i>	-	0.31	44	-	593	
NL0091R	0.45	0.011	3.2	8.79	0.19	0.05	1.02	-	<i>0.06</i>	-	<i>0.18</i>	12	-	934	625
NO0001R	0.67	<i>0.018</i>	2.9	5.84	0.2	0.09	2.37	0.02	0.1	1.54	0.16	-	-	1954	1954
NO0039R	0.1	0.003	1.2	-	-	-	-	-	-	-	-	-	-	1746	
NO0056R	0.38	0.013	4.2	-	-	-	-	-	-	-	-	-	-	934	
PL0004R	0.25	0.013	2	-	0.08	-	0.57	-	0.03	-	-	-	-	832	
PL0005R	0.56	0.041	5.2	5.7	0.47	0.24	0.93	-	0.06	-	-	-	-	786	742
SE0005R	0.07	0.02	2.2	-	0.05	0.05	0.36	0.01	0.04	3.1	0.03	-	-	442	
SE0012R	0.29	0.016	3.5	-	0.13	0.27	0.81	0.02	0.13	3.24	0.25	-	-	452	
SE0014R	0.32	0.031	4	6.95	0.09	0.1	0.67	0.02	0.07	3.25	0.16	-	-	699	869
SE0020R	0.34	0.014	2.1	6.74	0.06	0.07	0.47	0.01	0.04	1.89	0.16	-	-	845	1032
SI0008R	0.34	<i>0.007</i>	1.6	4.14	<i>0.12</i>	<i>0.04</i>	<i>0.57</i>	<i>0.02</i>	<i>0.08</i>	1.62	0.26	-	-	1543	1651
SK0002R	1.48	0.022	17.6	-	0.46	0.11	2.73	-	0.35	-	-	-	-	1226	
SK0004R	0.98	0.008	5.7	-	0.25	0.05	1.51	-	0.10	-	-	-	-	660	
SK0006R	2.01	0.035	10.1	-	0.83	0.08	2.51	-	0.39	-	-	-	-	890	
SK0007R	0.95	0.028	38.2	-	0.2	0.07	1.37	-	0.24	-	-	-	-	437	

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

Grey shades means reported data but data completeness is poor (less than 75% . Coverage lower than 50% is not included)

Table 6: Annual average concentration of heavy metals in air in 2017 (ng/m³).

Code		Pb	Cd	Zn	Hg (air)	Ni	As	Cu	Co	Cr	Mn	V	Fe	Al
BE0014R	pm10	5.31	0.147	22.4	-	2.78	0.54	4.13	-	1.18	8.62	-	-	-
CY0002R	pm10	5.5	0.102	19.3	-	2.93	0.44	2.49	-	1.77	9.03	3.23	472	569
CZ0003R	pm10	2.79	0.080	8.7	-	0.44	0.6	1.37	0.04	0.79	3.28	0.31	86	-
CZ0003R	pm25	2.49	0.074	7.6	-	0.44	0.54	0.72	0.02	0.55	1.63	0.19	26	-
CZ0005R	pm10	1.44	0.030	4.9	-	0.25	0.23	0.8	0.02	0.38	1.4	0.2	56	-
DE0001R	pm10	1.78	0.048	6.5	-	0.52	0.24	1.67	0.03	-	1.55	0.57	57	-
DE0002R	pm10	3.47	0.090	13.2	1.57	0.38	0.42	2.46	0.04	-	2.39	0.33	84	-
DE0003R	pm10	1.10	0.022	4.1	1.33	0.21	0.09	1.21	0.03	-	1.46	0.26	59	-
DE0007R	pm10	3.26	0.090	10.1	-	0.24	0.62	1.65	0.03	-	1.84	0.31	56	-
DE0008R	pm10	1.66	0.042	6	1.5	0.3	0.19	1.8	0.02	-	1.49	0.19	56	-
DE0009R	pm10	2.7	0.073	8.5	1.48	0.81	0.45	1.5	0.04	-	1.58	1.19	50	-
DK0008R	aerosol	1.16	0.033	-	-	0.48	0.25	-	-	-	-	-	-	-
DK0010G	aerosol	0.2	0.005	-	0.81	0.06	0.04	-	-	-	-	-	-	-
DK0012R	aerosol	1.72	0.049	-	-	0.59	0.36	-	-	-	-	-	-	-
EE0009R	pm10	0.92	0.033	-	1.17	0.38	0.1	-	-	-	-	-	-	-
ES0001R	pm10	1.44	0.023	5.9	-	0.71	0.2	-	-	1.21	-	-	-	-
ES0007R	pm10	1.46	0.025	6.2	-	1.71	0.2	-	-	1.37	-	-	-	-
ES0008R	pm10	3.85	0.129	20.6	0.56	0.64	0.19	-	-	1.02	-	-	-	-
ES0009R	pm10	0.91	0.018	5.3	-	0.54	0.15	2.46	-	1.06	-	-	-	-
ES0014R	pm10	1.19	0.029	4.7	-	0.71	0.15	3.82	-	0.7	-	-	-	-
FI0018R	pm10	1.05	0.035	4.5	-	0.28	0.17	0.52	0.02	0.23	1.21	0.62	55	67
FI0036R	pm10	0.45	0.014	1.2	1.35	0.25	0.11	0.37	0.01	0.12	0.27	0.22	9	8
FI0050R	pm10	0.74	0.028	3.7	-	0.18	0.16	0.41	0.03	0.2	0.79	0.25	20	22
FR0009R	pm10	3.64	0.093	-	-	0.66	0.25	-	-	-	-	-	-	-
FR0013R	pm10	1.49	0.040	-	-	0.44	0.2	-	-	-	-	-	-	-
FR0023R	pm10	1.37	0.037	-	-	0.41	0.14	-	-	-	-	-	-	-
FR0024R	pm10	1.75	0.061	-	-	1.05	0.28	-	-	-	-	-	-	-
FR0025R	pm10	1.8	0.057	-	-	0.45	0.23	-	-	-	-	-	-	-
GB0013R	pm10	1.63	0.052	3.9	-	0.47	0.39	1.03	-	0.97	-	-	-	-
GB0017R	pm10	4	0.091	10.4	-	0.64	0.57	2.23	-	1.29	-	-	-	-
GB0048R	pm10	1.04	0.025	2.7	1.37	-	0.2	0.9	0.02	1.06	0.99	0.32	-	-
GB1055R	pm10	3.84	0.111	8.7	1.41	-	0.62	2.51	0.04	1.03	2.11	0.71	-	-
HU0002R	aerosol	6.96	0.166	-	-	-	-	-	-	-	-	-	-	-
IS0002R	aerosol	-	-	-	-	-	-	-	-	-	-	-	123	-
IS0091R	aerosol	0.11	0.004	1.2	2.62	0.58	0.04	0.5	0.13	0.54	5.65	1.16	334	233
IT0019R	pm10	1.46	0.033	9.9	-	0.83	0.11	4.16	0.08	1.13	3.69	1.27	132	146
LV0010R	pm10	0.97	0.045	-	-	0.47	0.18	-	-	-	-	-	-	-
NL0008R	pm10	4.16	0.106	31.3	-	0.92	0.44	-	-	-	-	-	-	-
NL0644R	pm25	4.67	0.090	24.5	-	0.84	0.41	-	-	-	-	-	-	-
NO0002R	pm10	0.54	0.021	3.2	1.45	0.15	0.14	0.31	0.01	2.91	-	0.2	-	-
NO0042G	aerosol	0.28	0.011	1.6	1.43	0.36	0.06	0.28	0.02	0.29	0.86	0.09	-	-
NO0090R	aerosol	0.22	0.008	1	1.4	0.18	0.04	0.51	0.01	0.14	0.54	0.13	-	-
PL0005R	pm10	2.64	0.095	12.1	1.07	0.29	0.36	2.23	-	0.38	-	-	-	-
PL0009R	pm10	4.15	0.120	-	-	0.77	0.6	-	-	-	-	-	-	-
RU0002R	air	-	-	-	1.05	-	-	-	-	-	-	-	-	-
SE0005R	aerosol	0.23	0.007	0.9	1.37	0.1	0.04	0.14	0.01	0.21	0.43	0.08	-	-
SE0012R	aerosol	0.89	0.028	4.8	-	0.28	0.29	0.68	0.02	0.53	1.45	0.41	-	-
SE0014R	aerosol	1.04	0.033	4.6	1.35	0.39	0.25	0.76	0.02	0.39	1.19	0.73	-	-
SE0020R	aerosol	1.19	0.031	4.9	1.34	0.26	0.21	1.06	0.02	0.45	1.4	0.5	-	-
SI0008R	pm10	1.81	0.064	6	1.02	0.5	0.21	1.21	-	1.13	-	-	-	-
SK0002R	aerosol	1.32	0.061	3.9	-	0.54	0.28	0.66	-	0.8	-	-	-	-
SK0004R	pm10	3.68	0.088	8.8	-	0.23	0.22	1.36	-	0.18	-	-	-	-
SK0006R	pm10	4.18	0.115	7.2	-	0.29	0.25	1.23	-	0.33	-	-	-	-
SK0007R	pm10	6.13	0.114	12.4	-	0.4	0.35	2.12	-	0.45	-	-	-	-

Italic data means more than 50% of the data is below the detection limit. Grey shaded area are sites which miss three months or more of data

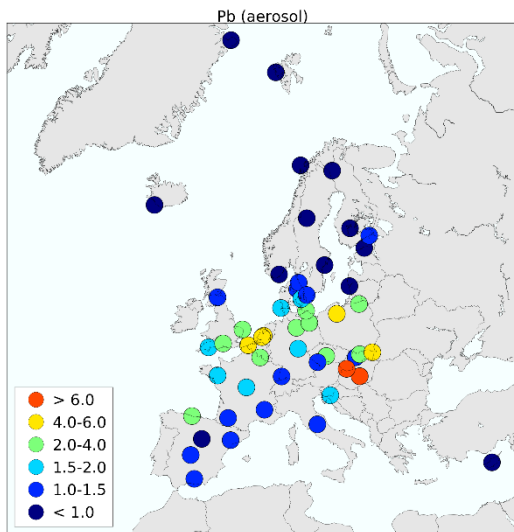


Figure 4: Pb in aerosols (ng/m^3).

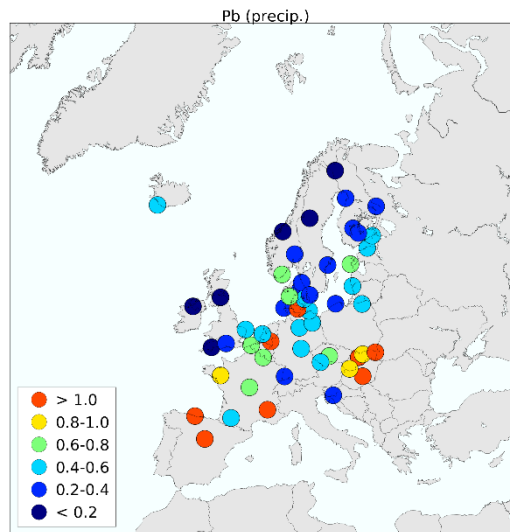


Figure 5: Pb in precipitation ($\mu\text{g}/\text{l}$).

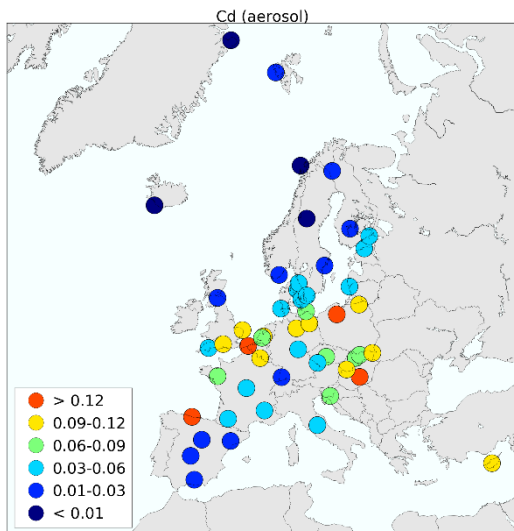


Figure 6: Cd in aerosols (ng/m^3).

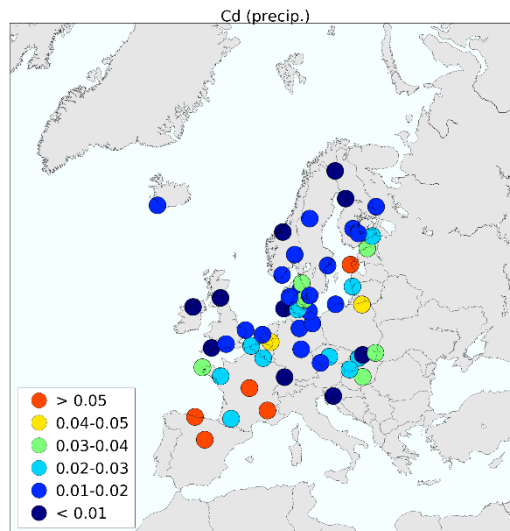


Figure 7: Cd in precipitation ($\mu\text{g}/\text{l}$).

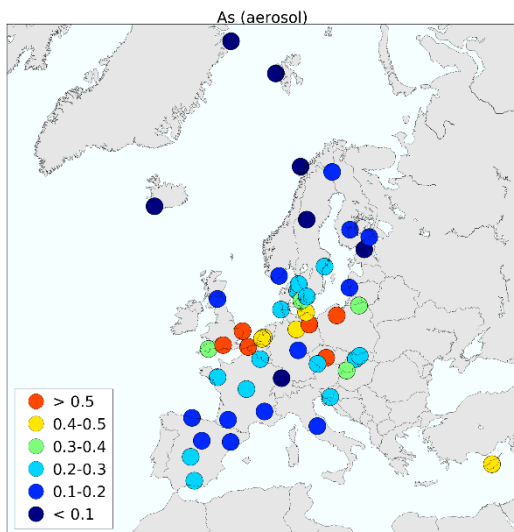


Figure 8: As in aerosols (ng/m^3).

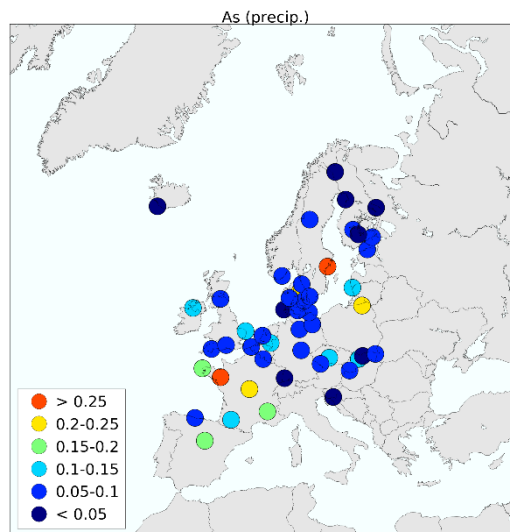


Figure 9: As in precipitation ($\mu\text{g}/\text{l}$).

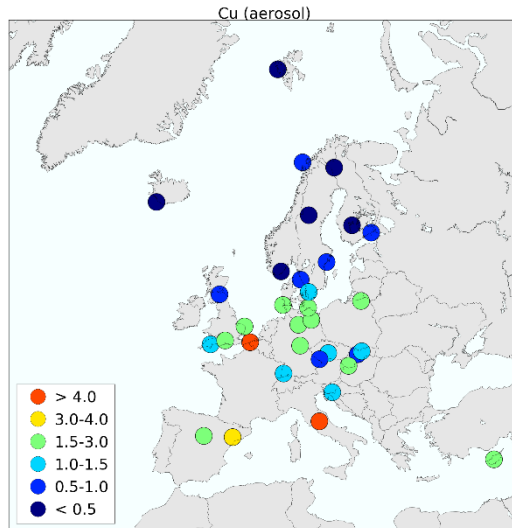


Figure 10: Cu in aerosols (ng/m^3).

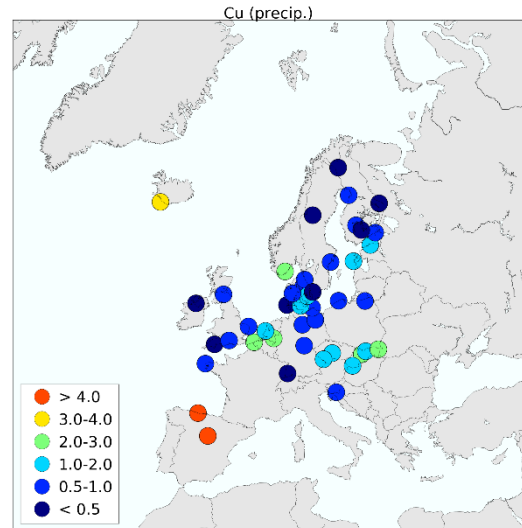


Figure 11: Cu in precipitation ($\mu\text{g}/\text{l}$).

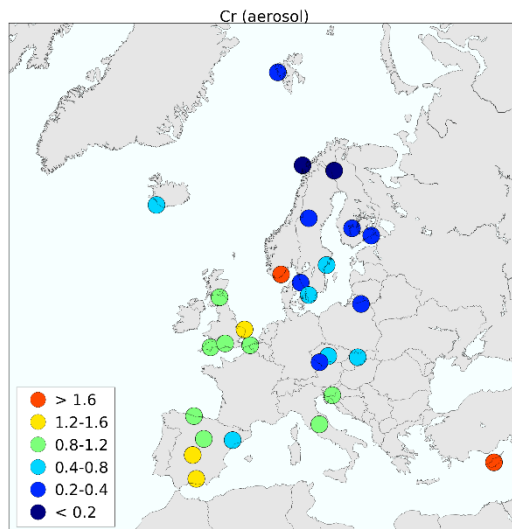


Figure 12: Cr in aerosols (ng/m^3).

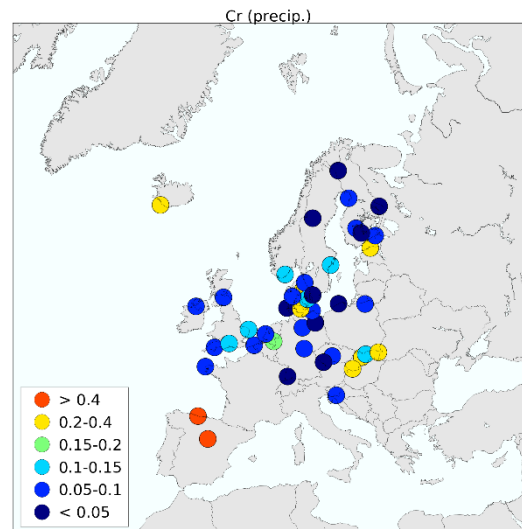


Figure 13: Cr in precipitation ($\mu\text{g}/\text{l}$).

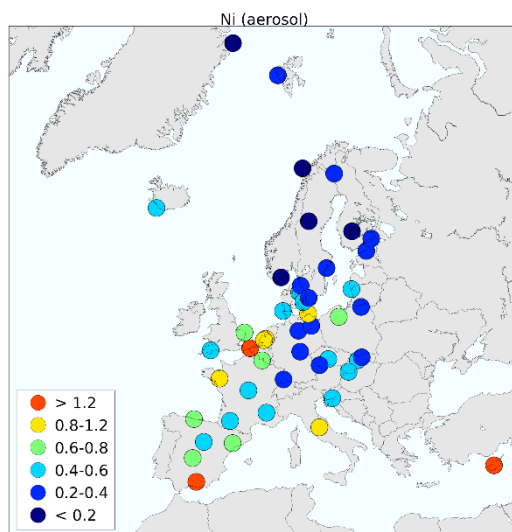


Figure 14: Ni in aerosols (ng/m^3).

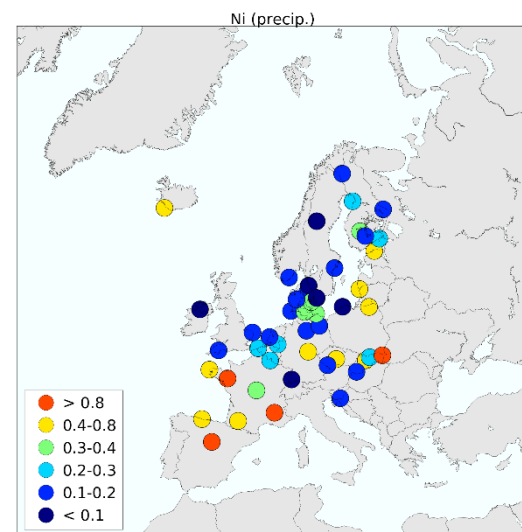


Figure 15: Ni in precipitation ($\mu\text{g}/\text{l}$).

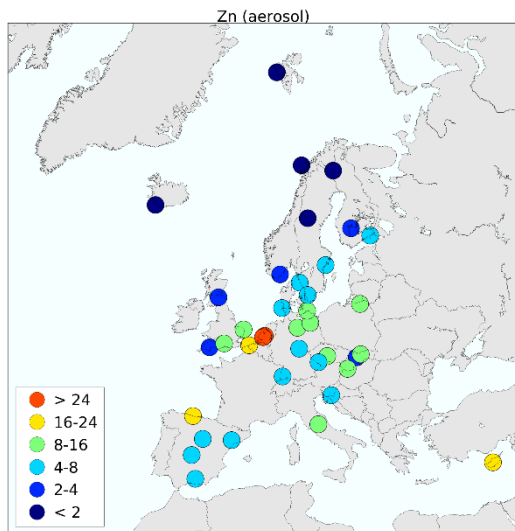


Figure 16: Zn in aerosols (ng/m^3).

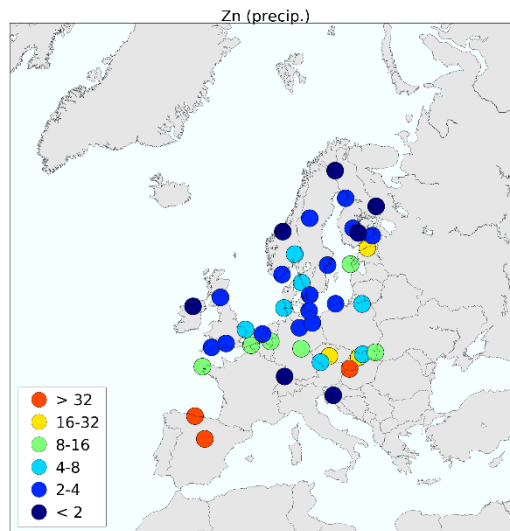


Figure 17: Zn in precipitation ($\mu\text{g}/\text{l}$).

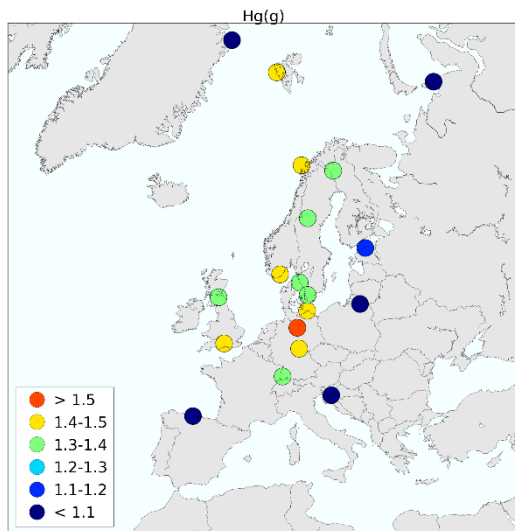


Figure 18: Hg in air (ng/m^3).

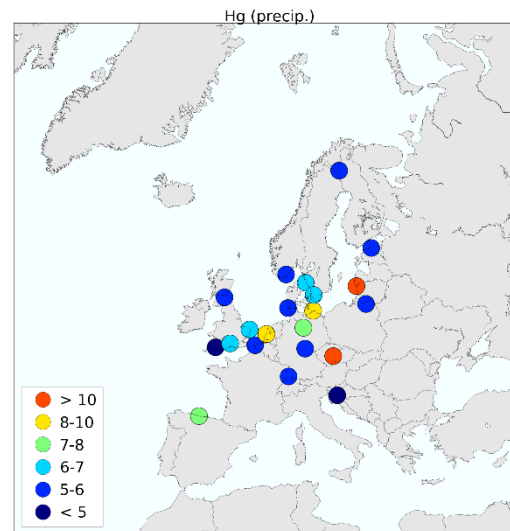


Figure 19: Hg in precipitation (ng/l).

2.4 Concentrations of POPs

It is generally difficult to give full credit to the information content in the POP data as data comparability is hampered by: the use of different sampling and analytical techniques; low spatial coverage; and high detection limits for some sites. See Annex 3 and 4 for details. For example, the different types of precipitation samplers used within the network measure either total deposition or wet deposition, and provide results as deposition rates ($\text{ng}/\text{m}^2 \text{ day}$) or concentrations (ng/L). The spatial distribution of POPs in Europe is therefore presented using air concentrations only. It should be noticed that the spatial coverage differs for different POP compounds (Figure 3).

Annual averaged concentrations of some of the main PAH, PCBs and pesticides in air are shown in Figure 20 – Figure 23. In general the lowest concentrations of the monitored POPs in air are observed in the Northern Scandinavia while the highest are observed in central Europe. Exception are “hotspots” for individual compounds such as elevated levels of α -HCH and HCB in the Arctic. The concentrations tend to increase from the north to south/south-east but conclusions on specific POP compounds are hampered by the low number of sampling sites. The concentrations for most of the monitored POPs are much (one order of magnitude) higher in central Europe than those observed in the Nordic countries. For PCB this is explained by the high historical usage of these compounds in Central Europe (Breivik et al., 2002).

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).

PAHs, including B(a)P are found at highest concentrations during winter time (November-February) at all stations. For pesticides, the seasonal trends are less consistent but there is a tendency of higher concentrations during warmer months for some of the pesticides.

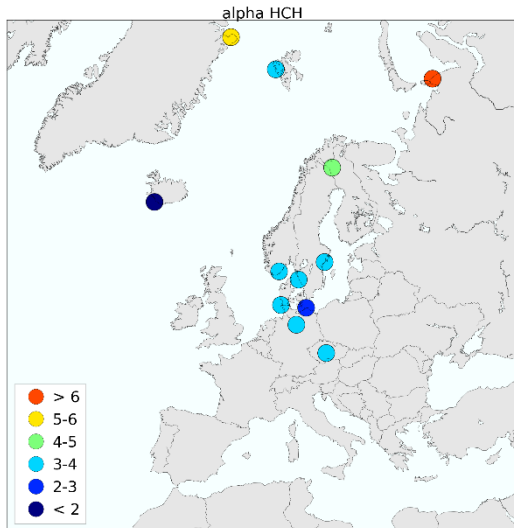


Figure 20: α -HCH in air, 2017 (pg/m^3).

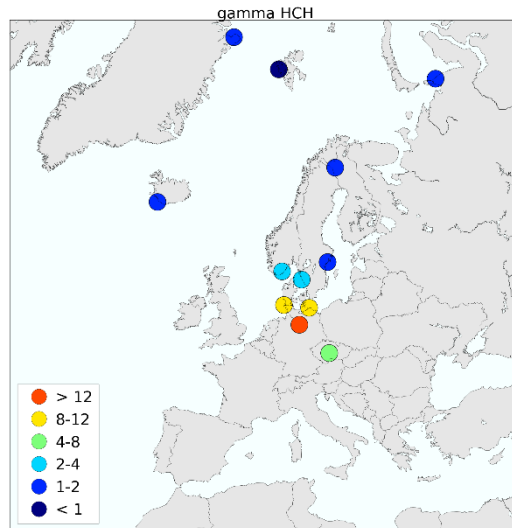


Figure 21: γ -HCH in air (pg/m^3).

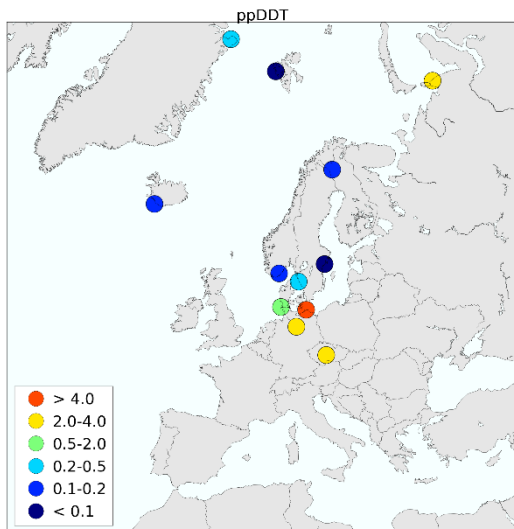


Figure 22: p,p' -DDE in air (pg/m^3).

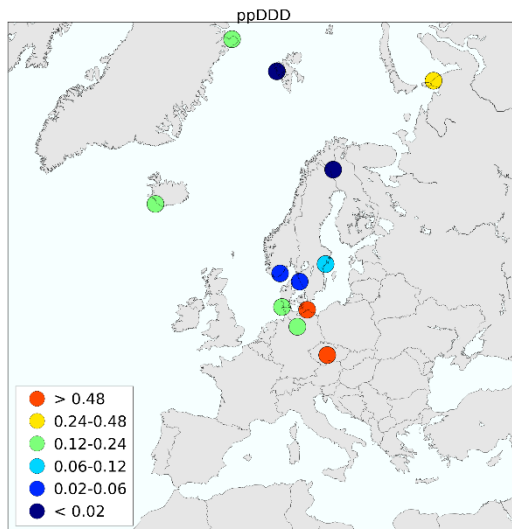


Figure 23: p,p' -DDT in air (pg/m^3).

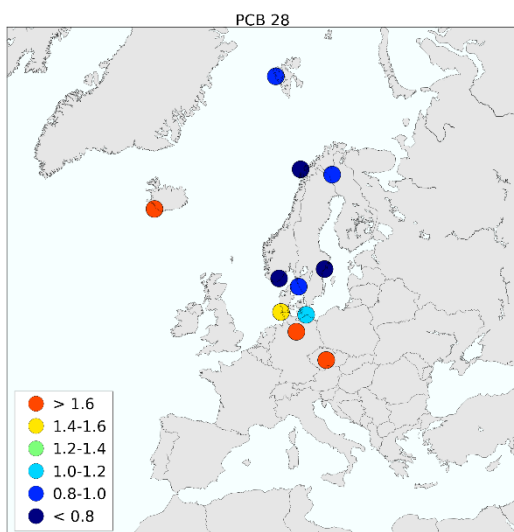


Figure 24: PCB-28 in air (pg/m^3).

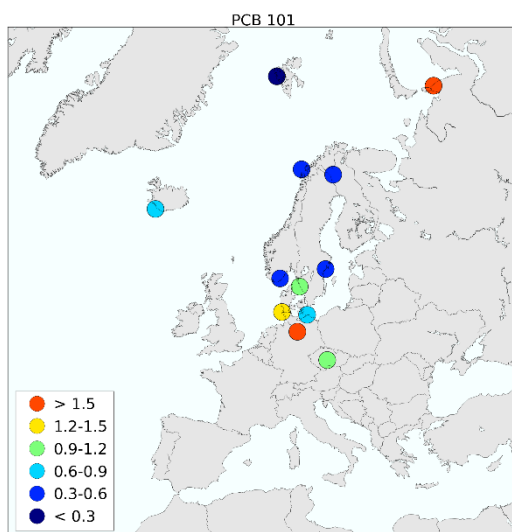


Figure 25: PCB-101 in air (pg/m^3).

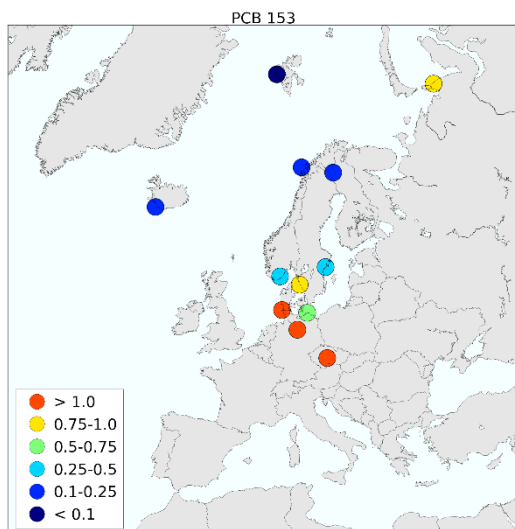


Figure 26: PCB-153 in air (pg/m³).

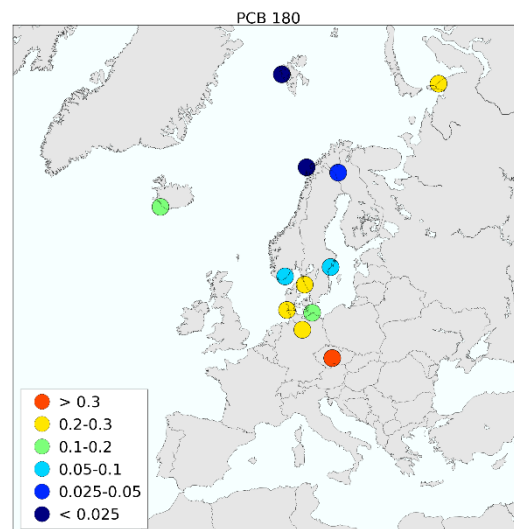


Figure 27: PCB-180 in air (pg/m³).

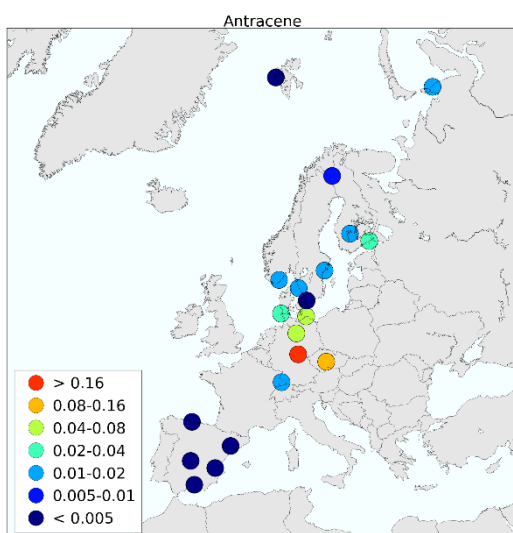


Figure 28: Anthracene in air (ng/m³).

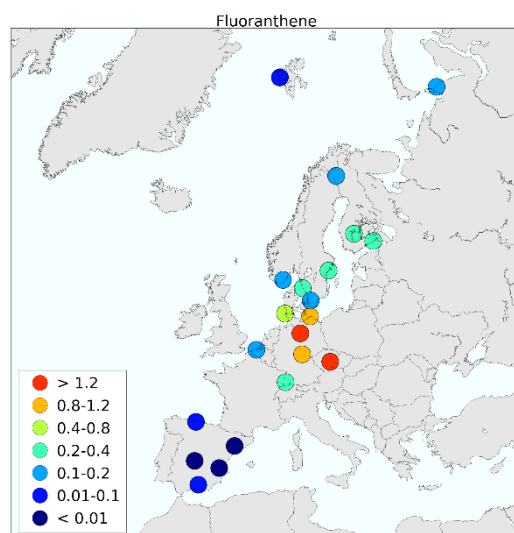


Figure 29: Fluoranthene in air (ng/m³).

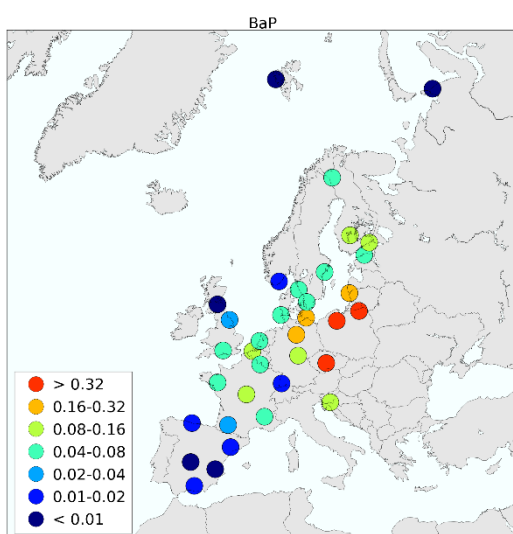


Figure 30: Benzo(a)pyrene in air (ng/m³).

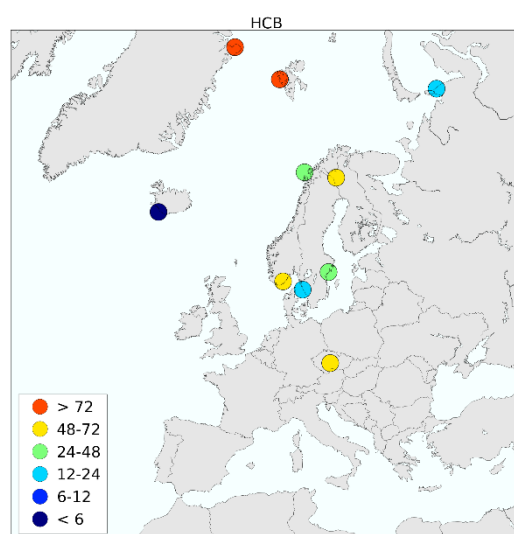


Figure 31: HCB in air (pg/m³).

2.5 Annual summaries

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

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

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

For air components the arithmetic mean and the geometric mean have been computed together with their standard deviations. As a measure of the completeness of the dataset, the number of samples analysed in the period has been printed.

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

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

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

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

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

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

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

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

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

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

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

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

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

$$sd_g = \exp(sd \ln c)$$

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

5%, 50%, 95% is the 5, 50 and 95 percentile, computed for air data only using the method of nearest rank:

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

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

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

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

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

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

Table 7: Units used for the measured components.

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

2.6 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.

2.7 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 5 September 2018. 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 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>.

3. 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 2017, 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	Flanders Environment Agency	Elke Adriaenssens
Czech Republic	Czech Hydrometeorological Institute	Jaroslav Pekarek, Milan Vana
Cyprus	Department of Labour Inspection, Ministry of Labour, Welfare & Social Insurance	Chrysanthos Savvides, Adamos Adamides
Denmark	Department of Environmental Science, Aarhus University	Thomas Ellermann, Rune Keller, Henrik Skov
Estonia	Estonian Environmental Research Centre	Kristi Selmet, Naima Kabral
Finland	Finnish Meteorological Institute	Mika Vestenius, Katriina Kyllönen, Ulla Makkonen
France	Institut Universitaire Européen de la Mer, Université de Bretagne Occidentale	Matthieu Waeles
	Ecole des Mines de Douai	Stéphane Sauvage, Aude Bourin
Germany	Umweltbundesamt, Langen	Elke Bieber
Great Britain	AEA Technology and Centre for Ecology & Hydrology (CEH), Edinburgh	Keith Vincent Heath M. Malcolm
Hungary	Hungarian Meteorological Service	Krisztina Labancz, Zita Ferenczi
Iceland	The Icelandic Meteorological Office	Arni Sigurdsson
Ireland	Environmental Protection Agency (EPA) the Meteorological Service, Met Eireann	Micheál O'Dwyer Margaret Ryan
Italy	Arpa Umbria - Umbria Regional Agency for Environmental Protection, University of Perugia	Angelucci Monica, David Cappelletti
Latvia	Latvian Environment, Geology and Meteorology Centre	Iveta Indriksone, Marina Frolova
Netherlands	National Institute for Public Health and Environmental Protection (RIVM)	Ronald Spoor, Rob Zwartjes
Norway	Norwegian Institute for Air Research (NILU)	Wenche Aas, Pernilla Bohlin-Nizzetto
Poland	Institute of Meteorology and Water Management PL05: Institute of Environmental Protection	Barbara Obminska Anna Degorska
Russia	“RPA “Typhoon”, Federal Service for Hydrometeorology and Environmental Monitoring	Mikhail Zapevalov
Slovakia	Slovakian Hydrometeorological Institute	Marta Mitosinkova, Veronika Minarikova
Slovenia	Environmental Agency of the Republic of Slovenia	Marijana Murovec
Spain	Ministerio de Agricultura, Alimentación y Medio Ambiente	Alberto Orío-Hernández

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Annex 1

Annual statistics for heavy metals in precipitation

BE0014R Koksijde
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.06	0.01	0.39	44.5	1	44
Cd	precip	0.02	0.01	0.32	17.9	1	44
Cr	precip	0.09	0.00	0.53	67.5	1	44
Cu	precip	2.91	0.75	79.00	2113.8	0	43
Fe	precip	13.18	4.00	95.00	9557.7	0	44
Hg	precip	5.75	1.17	21.26	4455.7	0	43
Mn	precip	3.35	0.52	14.40	2426.8	0	44
Ni	precip	0.20	-0.15	1.50	145.2	1	44
Pb	precip	0.67	0.10	5.30	487.3	0	44
Zn	precip	8.44	2.16	41.50	6122.5	0	44

CZ0003R Kosetice (NOAK)
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.13	0.05	1.86	92.9	65	140
Cd	precip	0.02	0.00	0.58	17.8	4	140
Co	precip	0.05	0.00	0.30	37.5	4	140
Cr	precip	0.07	0.00	1.83	54.2	7	140
Cu	precip	1.81	0.12	12.06	1335.9	3	140
Hg	precip	13.97	1.00	51.00	10369.2	8	35
Ni	precip	0.41	0.10	3.63	304.1	0	140
Pb	precip	0.74	0.08	8.24	548.6	0	140
Se	precip	0.13	0.03	1.24	93.6	31	140
V	precip	0.12	0.01	1.36	91.3	0	140
Zn	precip	24.18	1.93	555.10	17890.6	0	140

CZ0005R Churanov
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.09	0.05	0.75	91.1	27	44
Cd	precip	0.01	0.00	0.13	12.8	4	44
Co	precip	0.02	0.01	0.54	23.2	0	43
Cr	precip	0.05	0.01	0.53	48.0	1	43
Cu	precip	1.05	0.29	8.83	1016.3	0	44
Fe	precip	19.51	4.61	806.20	18840.9	0	44
Ni	precip	0.15	0.02	1.62	142.2	2	44
Pb	precip	0.41	0.11	3.19	399.1	0	44
Se	precip	0.11	0.10	0.30	104.0	16	43
V	precip	0.07	0.01	0.69	71.9	0	43
Zn	precip	4.91	1.48	47.17	4742.9	0	44

DE0001R Westerland
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.05	0.01	0.16	37.8	0	46
Cd	precip	0.01	0.00	0.04	8.1	0	46
Co	precip	0.02	0.00	0.10	13.8	0	46
Cr	precip	0.04	0.02	0.34	35.3	0	46
Cu	precip	0.41	0.11	3.17	340.1	0	46
Fe	precip	10.91	3.15	114.78	9015.3	0	46
Hg	precip	5.60	1.83	47.28	5114.3	0	47
Mn	precip	1.16	0.17	8.91	959.0	0	46
Mo	precip	0.03	0.00	0.16	23.6	0	46
Ni	precip	0.18	0.05	3.49	149.2	0	46
Pb	precip	0.29	0.04	1.35	240.9	0	46
Sb	precip	0.06	0.02	0.29	46.9	0	46
Se	precip	0.09	0.04	0.30	77.9	0	46
Ti	precip	0.22	0.05	2.08	178.6	0	46
Tl	precip	0.00	0.00	0.01	2.5	0	46
V	precip	0.14	0.04	0.88	112.4	0	46
Zn	precip	5.10	0.47	53.94	4204.2	0	46

DE0002R Waldhof
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.06	0.02	0.31	55.5	0	48
Cd	precip	0.02	0.00	0.04	14.9	0	48
Co	precip	0.02	0.00	0.05	15.7	0	48
Cr	precip	0.06	0.01	0.24	52.4	0	48
Cu	precip	0.84	0.19	2.06	793.5	0	48
Fe	precip	15.72	3.83	53.70	14792.9	0	48
Hg	precip	7.48	1.63	23.15	6637.3	0	50
Mn	precip	1.71	0.26	4.96	1607.4	0	48
Mo	precip	0.05	0.01	0.13	43.9	0	48
Ni	precip	0.12	0.06	0.42	111.6	0	48
Pb	precip	0.48	0.10	1.40	447.9	0	48
Sb	precip	0.07	0.02	0.17	70.0	0	48
Se	precip	0.09	0.02	0.28	82.6	0	48
Ti	precip	0.29	0.06	1.08	272.2	0	48
Tl	precip	0.00	0.00	0.01	3.0	0	48
V	precip	0.13	0.03	0.38	118.4	0	48
Zn	precip	3.37	0.68	6.93	3175.6	0	48

DE0003R Schauinsland
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.03	0.01	0.21	53.4	0	48
Cd	precip	0.01	0.00	0.05	14.0	0	48
Co	precip	0.01	0.00	0.15	21.3	0	48
Cr	precip	0.04	0.01	0.43	67.3	0	48
Cu	precip	0.49	0.04	4.02	838.6	0	48
Fe	precip	7.76	0.82	137.99	13197.9	0	48
Hg	precip	5.79	0.74	61.13	10068.9	0	49
Mn	precip	1.01	0.13	11.93	1721.7	0	48
Mo	precip	0.02	0.00	0.18	34.5	0	48
Ni	precip	0.09	0.04	0.60	154.1	0	48
Pb	precip	0.27	0.04	1.95	457.4	0	48
Sb	precip	0.05	0.01	0.29	82.7	0	48
Se	precip	0.05	0.01	0.30	87.4	0	48
Ti	precip	0.15	0.02	3.46	254.7	0	48
Tl	precip	0.00	0.00	0.01	3.2	0	48
V	precip	0.09	0.02	0.67	147.4	0	48
Zn	precip	1.96	0.80	15.59	3335.2	0	48

DE0007R Neuglobsow
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.07	0.02	1.46	56.9	0	47
Cd	precip	0.02	0.01	0.09	11.7	0	47
Co	precip	0.02	0.00	0.12	14.6	0	47
Cr	precip	0.05	0.01	0.26	37.8	0	47
Cu	precip	0.83	0.32	7.40	647.6	0	47
Fe	precip	14.09	1.49	85.51	10934.9	0	47
Mn	precip	4.35	0.52	29.63	3372.3	0	47
Mo	precip	0.03	0.01	0.22	26.6	0	47
Ni	precip	0.13	0.05	0.45	99.4	0	47
Pb	precip	0.44	0.02	4.61	344.3	0	47
Sb	precip	0.07	0.02	0.35	52.8	0	47
Se	precip	0.09	0.03	0.56	71.4	0	47
Ti	precip	0.25	0.02	1.62	196.8	0	47
Tl	precip	0.00	0.00	0.03	2.8	0	47
V	precip	0.12	0.04	0.48	94.8	0	47
Zn	precip	3.94	1.68	33.51	3058.5	0	47

DE0008R Schmücke
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.05	0.01	0.66	72.9	0	48
Cd	precip	0.02	0.00	0.26	20.9	0	48
Co	precip	0.02	0.00	0.38	21.4	0	48
Cr	precip	0.06	0.03	1.74	87.6	0	48
Cu	precip	0.73	0.16	4.85	1008.6	0	48
Fe	precip	12.96	2.95	104.17	17934.2	0	48
Hg	precip	5.76	2.61	28.89	8423.5	0	50
Mn	precip	1.19	0.26	8.77	1652.7	0	48
Mo	precip	0.04	0.01	0.12	56.3	0	48
Ni	precip	0.43	0.05	7.35	598.5	0	48
Pb	precip	0.43	0.11	3.30	590.1	0	48
Sb	precip	0.07	0.02	0.25	101.7	0	48
Se	precip	0.10	0.02	0.52	134.2	0	48
Ti	precip	0.20	0.03	1.32	272.7	0	48
Tl	precip	0.00	0.00	0.02	4.3	0	48
V	precip	0.10	0.02	0.69	131.6	0	48
Zn	precip	8.02	1.96	63.45	11101.8	0	48

DE0009R Zingst
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.06	0.01	0.35	37.6	0	49
Cd	precip	0.01	0.00	0.08	9.2	0	49
Co	precip	0.02	0.00	0.22	11.9	0	49
Cr	precip	0.08	0.02	1.44	52.9	0	49
Cu	precip	0.93	0.16	6.60	611.1	0	49
Fe	precip	12.90	2.40	83.96	8519.4	0	49
Hg	precip	8.19	2.78	13.72	5568.9	0	13
Mn	precip	2.09	0.46	20.49	1383.0	0	49
Mo	precip	0.03	0.01	0.11	18.6	0	49
Ni	precip	0.30	0.06	1.80	198.7	0	48
Pb	precip	0.44	0.07	1.86	288.8	0	49
Sb	precip	0.06	0.02	0.22	42.1	0	49
Se	precip	0.08	0.03	0.38	54.7	0	49
Ti	precip	0.25	0.06	1.76	164.9	0	49
Tl	precip	0.00	0.00	0.02	2.1	0	49
V	precip	0.18	0.04	1.00	121.6	0	49
Zn	precip	2.86	0.98	11.61	1888.6	0	49

DK0005R Keldsnor
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.08	0.04	0.16	42.7	0	10
Cd	precip	0.03	0.01	0.10	14.0	0	10
Cr	precip	0.32	0.12	1.60	174.8	0	10
Cu	precip	1.39	0.76	2.46	758.5	0	9
Ni	precip	0.33	0.12	0.90	182.7	0	10
Pb	precip	1.12	0.39	5.19	614.0	0	10

DK0008R Anholt
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.22	0.02	0.95	159.9	1	12
Cd	precip	0.02	0.01	0.10	11.6	1	12
Cr	precip	0.24	0.08	1.07	177.4	0	12
Cu	precip	0.66	0.32	2.07	484.8	0	12
Ni	precip	0.14	0.07	0.42	105.8	0	12
Pb	precip	0.38	0.18	1.10	279.9	0	12

DK0012R Risoe
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.07	0.02	0.28	46.9	2	12
Cd	precip	0.03	0.01	0.11	22.7	0	12
Cr	precip	0.15	0.07	0.91	104.5	0	12
Cu	precip	1.34	0.52	3.89	947.7	0	12
Ni	precip	0.39	0.14	1.32	276.9	0	12
Pb	precip	0.44	0.21	1.81	309.9	0	12

DK0022R Sepstrup Sande
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.07	0.04	0.14	75.6	0	12
Cd	precip	0.02	0.01	0.04	18.0	0	12
Cr	precip	0.08	0.05	0.29	85.8	0	12
Cu	precip	0.72	0.34	2.54	755.3	0	12
Ni	precip	0.14	0.08	0.32	151.4	0	12
Pb	precip	0.66	0.20	1.94	693.7	0	12

EE0009R Lahemaa
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.06	0.03	0.09	46.4	2	12
Cd	precip	0.03	0.01	0.06	25.0	1	12
Cr	precip	0.25	0.25	0.25	194.4	12	12
Cu	precip	1.90	0.50	6.34	1476.3	2	12
Hg	precip	5.44	2.50	13.00	4229.7	6	12
Ni	precip	0.65	0.18	1.17	506.9	0	12
Pb	precip	0.49	0.11	1.11	378.3	0	12
Zn	precip	19.37	3.93	69.13	15063.3	0	12

EE0011R Vilsandi
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Cd	precip	0.05	0.01	0.34	37.2	3	12
Cu	precip	1.80	0.50	7.20	1233.0	4	12
Pb	precip	0.61	0.05	1.90	417.6	1	12
Zn	precip	10.20	0.50	37.00	6990.2	1	12

ES0008R Niembro
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.08	0.02	0.49	107.4	2	48
Cd	precip	0.05	0.02	0.22	68.5	7	48
Cr	precip	0.97	0.29	6.04	1230.2	0	48
Cu	precip	10.87	1.25	134.38	13746.3	0	48
Hg	precip	7.70	0.00	44.35	7415.6	9	44
Ni	precip	0.60	0.51	1.89	764.4	34	48
Pb	precip	1.75	0.18	10.40	2218.0	0	48
Zn	precip	38.23	9.19	87.36	48347.9	0	48

ES0009R Campisabalos
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.17	0.02	0.69	54.7	6	26
Cd	precip	0.08	0.02	0.28	27.4	8	26
Cr	precip	1.48	0.10	6.97	481.9	1	26
Cu	precip	8.83	0.46	27.07	2866.8	1	26
Ni	precip	1.83	0.51	43.27	593.0	8	26
Pb	precip	1.04	0.18	2.49	337.2	0	26
Zn	precip	61.49	11.29	258.48	19961.1	0	26

FI0018R Virolahti III
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip	19.98	4.43	263.93	16385.7	0	13
As	precip	0.07	0.04	0.30	59.2	0	13
Cd	precip	0.03	0.01	0.55	22.6	0	13
Co	precip	0.02	0.01	0.16	15.0	0	13
Cr	precip	0.05	0.03	0.41	43.2	0	13
Cu	precip	0.58	0.41	2.83	478.1	0	13
Fe	precip	33.00	7.50	498.52	27059.5	0	13
Mn	precip	1.93	0.36	13.11	1586.3	0	13
Ni	precip	0.23	0.08	1.63	190.4	0	12
Pb	precip	0.56	0.30	2.42	457.8	0	13
V	precip	0.20	0.12	0.79	168.0	0	13
Zn	precip	3.00	1.63	13.18	2456.1	0	13

FI0036R Pallas (Matorova)
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip	2.30	0.46	15.21	1286.6	0	13
As	precip	0.03	0.01	0.12	18.1	0	13
Cd	precip	0.01	0.00	0.01	3.1	0	13
Co	precip	0.01	0.00	0.01	3.1	0	13
Cr	precip	0.03	0.01	0.10	17.0	0	13
Cu	precip	0.43	0.22	1.62	239.0	0	13
Fe	precip	3.37	0.71	10.71	1886.0	0	13
Hg	precip	5.01	1.30	14.40	2882.9	0	24
Mn	precip	1.38	0.11	6.00	775.4	0	13
Ni	precip	0.17	0.06	1.49	94.3	0	13
Pb	precip	0.16	0.07	0.50	88.2	0	13
V	precip	0.07	0.04	0.26	36.6	0	13
Zn	precip	1.07	0.49	2.83	600.5	0	13

FI0050R Hyytiälä
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip	8.83	1.12	48.54	5266.2	0	12
As	precip	0.05	0.02	0.32	31.3	0	12
Cd	precip	0.01	0.01	0.04	6.8	0	12
Co	precip	0.01	0.00	0.06	6.9	0	12
Cr	precip	0.06	0.02	0.18	34.0	0	12
Cu	precip	0.57	0.25	2.31	341.0	0	12
Fe	precip	12.54	1.91	73.03	7477.8	0	12
Mn	precip	1.56	0.40	5.37	929.1	0	12
Ni	precip	0.32	0.05	0.95	193.2	0	12
Pb	precip	0.28	0.09	1.40	166.6	0	12
V	precip	0.10	0.04	0.45	61.5	0	12
Zn	precip	2.30	1.06	7.19	1368.4	0	12

FI0053R Hailuoto II
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip	8.91	1.81	47.09	3372.1	0	13
As	precip	0.04	0.02	0.41	16.4	0	13
Cd	precip	0.01	0.01	0.07	3.8	0	13
Co	precip	0.03	0.01	0.27	12.2	0	13
Cr	precip	0.09	0.02	0.41	32.5	0	13
Cu	precip	0.58	0.18	5.43	219.2	0	13
Fe	precip	13.59	3.31	92.68	5144.9	0	13
Mn	precip	1.61	0.54	11.56	608.1	0	13
Ni	precip	0.27	0.03	1.34	100.9	0	13
Pb	precip	0.24	0.11	2.24	90.7	0	13
V	precip	0.20	0.08	2.26	74.9	0	13
Zn	precip	2.60	1.36	13.96	984.7	0	13

FI0092R Hietajärvi
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip	5.88	0.89	38.93	4137.8	0	12
As	precip	0.04	0.02	0.10	27.3	0	12
Cd	precip	0.01	0.01	0.03	8.7	0	12
Co	precip	0.01	0.00	0.04	5.7	0	12
Cr	precip	0.04	0.01	0.17	30.1	0	12
Cu	precip	0.39	0.22	0.68	276.3	0	12
Fe	precip	7.54	2.07	51.46	5312.9	0	12
Mn	precip	1.11	0.19	5.50	778.6	0	12
Ni	precip	0.14	0.05	0.29	100.5	0	12
Pb	precip	0.27	0.13	0.73	192.2	0	12
V	precip	0.10	0.04	0.24	70.7	0	12
Zn	precip	1.59	0.66	3.37	1120.1	0	12

FI0093R Kotinen
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip	6.75	1.61	38.93	4044.3	0	11
As	precip	0.04	0.02	0.10	24.1	0	11
Cd	precip	0.01	0.01	0.03	7.3	0	11
Co	precip	0.01	0.00	0.04	5.4	0	11
Cr	precip	0.05	0.02	0.17	28.4	0	11
Cu	precip	0.40	0.22	0.68	238.9	0	11
Fe	precip	8.51	2.06	51.46	5095.2	0	11
Mn	precip	1.27	0.32	5.50	758.4	0	11
Ni	precip	0.13	0.05	0.29	77.1	0	11
Pb	precip	0.27	0.14	0.73	160.0	0	11
V	precip	0.10	0.04	0.24	61.6	0	11
Zn	precip	1.60	0.66	3.37	956.0	0	11

FR0009R Revin
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.06	0.01	0.36	65.2	1	13
Cd	precip	0.03	0.00	0.14	29.6	2	13
Ni	precip	0.28	0.11	1.45	289.7	0	13
Pb	precip	0.69	0.33	4.87	726.3	0	13

FR0013R Peyrusse Vieille
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.11	0.02	0.33	72.9	0	13
Cd	precip	0.02	0.00	0.06	16.2	4	13
Ni	precip	0.48	0.19	1.41	319.6	0	13
Pb	precip	0.54	0.22	1.50	357.9	0	13

FR0023R Saint-Nazaire-le-Désert
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.16	0.01	1.28	131.0	1	13
Cd	precip	0.06	0.00	0.50	50.3	1	13
Ni	precip	0.84	0.10	6.82	672.4	0	13
Pb	precip	1.54	0.19	25.83	1232.4	0	13

FR0024R Guipry
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.27	0.02	7.65	167.8	0	11
Cd	precip	0.02	0.00	0.36	13.9	3	11
Ni	precip	1.46	0.81	19.71	893.7	0	11
Pb	precip	0.93	0.14	15.98	566.5	0	11

FR0025R Verneuil
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.23	0.01	1.05	151.1	0	12
Cd	precip	0.06	0.00	1.73	38.9	1	12
Ni	precip	0.31	0.08	1.45	207.4	0	12
Pb	precip	0.77	0.14	6.02	515.1	0	12

FR0090R Porspoder
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.16	0.07	0.33	104.4	0	12
Cd	precip	0.03	0.01	0.07	19.6	0	12
Co	precip	0.06	0.01	0.15	35.9	0	12
Cr	precip	0.05	0.03	0.10	31.9	0	12
Cu	precip	0.55	0.16	1.28	350.8	0	12
Ni	precip	0.44	0.24	0.67	279.0	0	12
V	precip	0.39	0.24	0.73	248.9	0	12
Zn	precip	10.46	5.70	16.90	6642.7	0	12

GB0006R Lough Navar
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.10	0.07	0.16	156.5	0	9
Cd	precip	0.00	0.00	0.01	6.4	0	9
Cr	precip	0.06	0.02	0.14	88.3	3	9
Cu	precip	0.16	0.07	0.33	245.5	0	9
Ni	precip	0.03	0.01	0.07	48.1	0	9
Pb	precip	0.08	0.03	0.36	122.6	4	10
Zn	precip	0.85	0.50	2.16	1281.6	6	10

GB0013R Yarner Wood
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.07	0.00	0.68	75.0	1	36
Cd	precip	0.01	0.00	0.11	7.4	2	36
Cr	precip	0.09	0.02	0.65	92.7	14	37
Cu	precip	0.45	0.09	2.43	458.8	0	36
Hg	precip	4.15	2.00	8.00	3793.3	0	12
Ni	precip	0.12	0.03	0.98	123.9	0	36
Pb	precip	0.17	0.03	2.34	172.3	5	36
Zn	precip	2.28	0.50	43.01	2301.0	3	36

GB0017R Heigham Holmes
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.12	0.08	0.25	63.0	0	10
Cd	precip	0.02	0.01	0.05	8.6	0	10
Cr	precip	0.14	0.02	0.44	75.5	3	10
Cu	precip	0.89	0.25	1.59	485.6	0	10
Hg	precip	6.48	3.00	14.00	3435.1	0	11
Ni	precip	0.10	0.05	0.22	56.8	0	10
Pb	precip	0.49	0.03	1.33	265.9	1	10
Zn	precip	4.38	1.79	8.34	2399.9	0	10

GB0048R Auchencorth Moss
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al-27	precip	23.02	0.93	15720.00	18212.5	0	45
As	precip	0.06	0.00	0.51	44.2	1	45
Ba	precip	1.05	0.10	518.00	827.7	0	45
Be	precip	0.00	0.00	0.00	1.6	42	46
Cd	precip	0.01	0.00	0.06	5.8	6	45
Co	precip	0.01	0.00	0.09	5.2	21	45
Cr	precip	0.09	0.02	0.56	73.9	16	45
Cs	precip	0.00	0.00	0.01	1.1	30	45
Cu	precip	0.72	0.07	204.00	565.8	0	45
Fe-57	precip	7.39	0.50	162.88	5846.4	2	45
Hg	precip	5.18	2.00	20.00	4181.6	0	13
Li	precip	0.02	0.00	0.17	17.7	0	45
Mn	precip	0.71	0.13	29.24	561.5	0	45
Mo	precip	0.02	0.01	0.07	13.0	40	45
Ni-60	precip	0.11	0.01	1.62	85.2	1	45
Pb	precip	0.11	0.03	0.78	87.5	17	45
Sb	precip	0.03	0.01	0.42	21.3	8	45
Se	precip	0.08	0.01	0.23	65.5	7	45
Sn	precip	0.03	0.00	0.60	20.7	16	45
Sr	precip	0.98	0.09	15.36	777.1	0	47
Ti	precip	0.12	0.02	1.36	98.9	6	45
U	precip	0.00	0.00	0.02	1.1	37	45
V	precip	0.10	0.03	1.37	77.2	0	45
W	precip	0.01	0.01	0.05	5.4	34	45
Zn	precip	3.35	0.50	87.99	2649.1	4	45

GB1055R Chilbolton Observatory
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip	20.52	0.69	753.02	13378.6	0	37
As	precip	0.07	0.02	0.59	44.8	0	37
Ba	precip	1.15	0.13	22.29	750.6	0	37
Be	precip	0.00	0.00	0.02	1.7	34	38
Cd	precip	0.01	0.01	0.25	8.4	0	37
Co	precip	0.01	0.00	0.10	6.6	8	37
Cr	precip	0.11	0.02	0.50	72.7	11	38
Cs	precip	0.00	0.00	0.02	1.3	15	37
Cu	precip	0.91	0.12	14.91	593.8	0	37
Fe	precip	7.20	0.50	65.64	4692.6	3	38
Hg	precip	6.10	2.00	11.00	4069.7	0	12
Li	precip	0.03	0.01	0.20	18.3	0	37
Mn	precip	1.16	0.23	8.51	758.2	0	37
Mo	precip	0.02	0.01	0.06	11.5	33	38
Ni	precip	0.12	0.03	0.91	78.7	0	37
Pb	precip	0.26	0.03	0.87	172.5	1	37
Sb	precip	0.05	0.01	0.65	31.2	2	37
Se	precip	0.09	0.01	0.33	58.9	6	37
Sn	precip	0.03	0.00	0.21	22.7	12	37
Sr	precip	1.30	0.30	11.28	849.2	0	43
Ti	precip	0.13	0.02	1.18	84.7	2	37
U	precip	0.00	0.00	0.03	1.7	31	38
V	precip	0.21	0.05	0.82	138.2	0	37
W	precip	0.01	0.01	0.03	4.1	28	38
Zn	precip	3.45	0.50	63.88	2249.0	1	37

HU0002R K-pusztá
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Cd	precip	0.04	0.01	0.93	28.6	22	38
Pb	precip	1.09	0.21	5.35	867.3	2	38

IS0091R Storhofdi
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip	199.00	48.20	668.70	330126.8	0	13
As	precip	-0.01	-0.04	0.27	-21.4	10	13
Cd	precip	0.02	0.01	0.05	26.4	0	13
Co	precip	0.13	0.03	0.46	209.4	0	13
Cr	precip	0.30	0.10	0.61	491.4	0	13
Cu	precip	3.10	0.74	8.93	5135.2	0	13
Fe	precip	230.75	52.30	1147.00	382792.1	0	13
Mn	precip	4.47	1.11	18.51	7415.5	0	13
Ni	precip	0.44	0.12	0.90	737.9	0	13
Pb	precip	0.42	0.11	1.68	693.3	0	13

LV0010R Rucava
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.13	0.10	0.80	136.5	44	46
Cd	precip	0.02	0.01	0.10	21.0	38	45
Hg	precip	15.79	1.50	42.00	16091.2	20	40
Ni	precip	0.60	0.45	3.00	609.2	45	46
Pb	precip	0.51	0.20	2.80	522.3	43	46

NL0010R Vredepeel
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.12	0.03	0.79	73.4	12	23
Cd	precip	0.05	0.01	0.49	28.7	7	23
Cr	precip	0.17	0.00	1.72	103.7	17	23
Cu	precip	2.48	0.80	33.10	1474.4	0	22
Fe	precip	44.31	8.94	564.03	26292.5	5	22
Ni	precip	0.22	0.10	2.90	129.8	17	23
Pb	precip	1.07	0.30	10.20	637.4	1	23
V	precip	0.31	0.07	3.10	185.8	7	23
Zn	precip	10.65	4.71	81.70	6318.9	0	23

NL0091R De Zilk
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.05	-0.06	0.20	50.8	44	50
Cd	precip	0.01	0.00	0.08	10.3	44	49
Cr	precip	0.06	0.00	0.54	56.3	46	46
Cu	precip	1.02	0.20	21.70	954.3	2	45
Fe	precip	12.18	-2.79	117.83	11380.6	37	50
Hg	precip	8.79	3.00	27.00	5488.4	0	39
Ni	precip	0.19	0.00	1.70	179.0	40	48
Pb	precip	0.45	0.10	4.00	417.6	22	49
V	precip	0.18	0.05	0.85	171.9	27	50
Zn	precip	3.16	1.18	29.30	2947.8	24	49

NO0001R Birkenes
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.09	0.04	0.85	183.5	33	51
Cd	precip	0.02	0.00	0.07	36.1	0	51
Co	precip	0.02	0.00	0.37	38.8	2	51
Cr	precip	0.10	0.04	1.48	201.1	26	51
Cu	precip	2.37	0.21	119.58	4623.2	0	51
Hg	precip	5.84	1.70	19.30	11407.0	0	19
Mn	precip	1.54	0.20	24.35	3010.5	0	51
Ni	precip	0.20	0.05	1.48	390.3	0	51
Pb	precip	0.67	0.14	3.46	1306.5	0	51
V	precip	0.16	0.03	2.52	320.7	0	51
Zn	precip	2.87	0.48	22.40	5607.6	0	51

NO0039R K rvatn
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Cd	precip	0.00	0.00	0.07	5.3	5	51
Pb	precip	0.10	0.02	0.64	172.3	0	51
Zn	precip	1.19	0.05	29.73	2069.4	3	51

NO0056R Hurdal
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Cd	precip	0.01	0.00	0.08	11.8	0	49
Pb	precip	0.38	0.09	7.24	352.9	0	49
Zn	precip	4.21	0.96	86.52	3930.8	0	49

PL0004R Leba
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Cd	precip	0.01	0.01	0.04	11.2	0	12
Cr	precip	0.03	0.01	0.11	26.6	0	12
Cu	precip	0.57	0.25	3.43	474.1	0	12
Ni	precip	0.08	0.05	0.19	66.8	0	12
Pb	precip	0.25	0.16	0.57	211.4	0	12
Zn	precip	2.01	1.08	8.20	1674.2	0	12

PL0005R Diabla Gora
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.24	0.20	0.30	191.3	0	12
Cd	precip	0.04	0.01	0.10	31.8	0	12
Cr	precip	0.06	0.01	0.24	49.9	0	11
Cu	precip	0.93	0.19	2.50	727.6	0	12
Hg	precip	5.70	2.50	18.60	4227.1	0	11
Ni	precip	0.47	0.14	1.50	367.1	0	11
Pb	precip	0.56	0.25	1.60	443.2	0	12
Zn	precip	5.22	3.40	13.00	4103.3	0	12

SE0005R BredkÅmlen
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.05	0.05	0.06	22.2	0	13
Cd	precip	0.02	0.00	0.05	8.7	0	13
Co	precip	0.01	0.01	0.03	4.6	0	13
Cr	precip	0.04	0.03	0.12	17.1	0	13
Cu	precip	0.36	0.06	1.75	160.9	0	13
Mn	precip	3.10	0.30	11.70	1369.9	0	13
Ni	precip	0.05	0.03	0.16	23.2	0	13
Pb	precip	0.07	0.03	0.19	32.2	0	13
V	precip	0.03	0.03	0.07	14.5	0	13
Zn	precip	2.15	0.30	7.46	952.7	0	13

SE0012R Aspvreten
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.27	0.05	1.01	119.8	0	12
Cd	precip	0.02	0.01	0.06	7.1	0	12
Co	precip	0.02	0.01	0.12	9.7	0	12
Cr	precip	0.13	0.03	0.67	57.2	0	12
Cu	precip	0.81	0.12	6.24	365.2	0	12
Mn	precip	3.24	0.80	23.70	1462.2	0	12
Ni	precip	0.13	0.03	1.04	60.6	0	12
Pb	precip	0.29	0.11	0.80	130.9	0	12
V	precip	0.25	0.10	0.84	114.0	0	12
Zn	precip	3.48	0.75	23.35	1572.1	0	12

SE0014R RÅYÅT
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.10	0.05	0.24	69.7	0	13
Cd	precip	0.03	0.01	0.13	21.9	0	13
Co	precip	0.02	0.01	0.04	13.4	0	13
Cr	precip	0.07	0.03	0.28	45.6	0	13
Cu	precip	0.67	0.12	2.04	471.5	0	13
Hg	precip	6.95	3.50	20.30	6038.1	0	24
Mn	precip	3.25	0.40	8.70	2270.2	0	13
Ni	precip	0.09	0.03	0.34	65.1	0	13
Pb	precip	0.32	0.09	0.64	220.9	0	13
V	precip	0.16	0.09	0.39	109.3	0	13
Zn	precip	4.03	0.75	12.91	2816.5	0	13

SE0020R Hallahus
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.07	0.05	0.14	59.0	0	13
Cd	precip	0.01	0.01	0.03	11.8	0	13
Co	precip	0.01	0.01	0.04	10.9	0	13
Cr	precip	0.04	0.03	0.20	36.3	0	13
Cu	precip	0.47	0.31	1.20	397.7	0	13
Hg	precip	6.74	3.20	17.90	6961.8	0	26
Mn	precip	1.89	0.50	7.50	1594.5	0	13
Ni	precip	0.06	0.03	0.20	54.6	0	13
Pb	precip	0.34	0.22	0.94	286.5	0	13
V	precip	0.16	0.11	0.33	133.4	0	13
Zn	precip	2.13	0.75	5.74	1801.1	0	13

SI0008R Iskrba
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.04	0.03	0.35	59.4	35	37
Cd	precip	0.01	0.01	0.06	11.0	37	37
Co	precip	0.02	0.01	0.22	33.8	35	37
Cr	precip	0.08	0.07	0.32	119.4	37	37
Cu	precip	0.57	0.07	1.88	883.6	24	36
Hg	precip	4.14	0.64	11.83	6831.4	0	16
Mn	precip	1.62	0.07	12.80	2506.3	12	37
Ni	precip	0.12	0.07	0.48	178.3	37	37
Pb	precip	0.34	0.03	1.30	521.1	16	37
V	precip	0.26	0.01	0.90	401.2	7	37
Zn	precip	1.58	0.25	10.20	2434.3	28	37

SK0002R Chopok
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.11	0.03	0.38	140.0	0	12
Cd	precip	0.02	0.01	0.09	27.1	0	12
Cr	precip	0.35	0.04	1.27	425.6	0	11
Cu	precip	2.73	0.94	5.51	3348.1	0	12
Ni	precip	0.46	0.05	1.48	560.1	0	12
Pb	precip	1.48	0.85	3.68	1819.5	0	12
Zn	precip	17.61	6.71	46.17	21577.9	0	12

SK0004R StarĀj LesnĀj
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.05	0.00	0.11	30.6	0	12
Cd	precip	0.01	0.00	0.02	5.3	0	12
Cr	precip	0.10	0.01	0.33	68.9	0	12
Cu	precip	1.51	0.56	3.79	998.7	0	12
Ni	precip	0.25	0.05	1.23	163.3	0	12
Pb	precip	0.98	0.54	1.44	648.0	0	12
Zn	precip	5.68	2.19	20.51	3748.9	0	12

SK0006R Starina
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.08	0.01	0.48	70.4	0	47
Cd	precip	0.04	0.01	0.62	31.3	0	47
Cr	precip	0.39	0.02	4.30	347.7	0	47
Cu	precip	2.51	0.06	21.52	2230.2	0	47
Ni	precip	0.83	0.08	13.16	742.9	0	47
Pb	precip	2.01	0.19	12.72	1790.2	0	47
Zn	precip	10.06	0.94	120.71	8958.6	0	47

SK0007R Topolniky
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.07	0.02	0.58	29.9	0	11
Cd	precip	0.03	0.01	0.24	12.3	0	11
Cr	precip	0.24	0.01	2.42	105.9	0	11
Cu	precip	1.37	0.20	4.60	601.0	0	11
Ni	precip	0.20	0.10	0.82	85.8	0	11
Pb	precip	0.95	0.11	2.85	414.9	0	11
Zn	precip	38.15	6.05	80.11	16675.9	0	11

ES0001R San Pablo de los Montes
February, April, June and October 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip+dry_dep	100.34	70.00	180.00	-	1	4
Cd	precip+dry_dep	27.04	20.00	50.00	-	4	4
Cr	precip+dry_dep	343.48	100.00	840.00	-	3	4
Cu	precip+dry_dep	4634.15	1880.00	8700.00	-	0	4
Hg	precip+dry_dep	9.79	2.11	34.24	-	3	4
Ni	precip+dry_dep	1326.26	480.00	2700.00	-	3	4
Pb	precip+dry_dep	313.23	60.00	680.00	-	1	4
Zn	precip+dry_dep	62149.35	26560.00	127927.00	-	0	4

ES0007R VÃ-znar
February, April, June and October 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip+dry_dep	262.63	60.00	603.00	-	1	4
Cd	precip+dry_dep	37.48	20.00	50.00	-	3	4
Cr	precip+dry_dep	1470.29	250.00	4338.00	-	1	4
Cu	precip+dry_dep	8862.49	6655.00	14590.00	-	0	4
Hg	precip+dry_dep	8.63	5.18	18.45	-	2	4
Ni	precip+dry_dep	1812.00	932.00	3836.00	-	1	4
Pb	precip+dry_dep	1147.45	300.00	2162.00	-	0	4
Zn	precip+dry_dep	57932.59	15997.00	128990.00	-	0	4

ES0008R Niembro
February, April, June and October 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip+dry_dep	492.42	140.00	1365.00	-	0	4
Cd	precip+dry_dep	112.64	20.00	261.00	-	1	4
Cr	precip+dry_dep	1078.93	280.00	2351.00	-	0	4
Cu	precip+dry_dep	10853.45	1500.00	30670.00	-	0	4
Hg	precip+dry_dep	25.10	2.33	84.09	-	2	4
Ni	precip+dry_dep	1170.35	530.00	1700.00	-	4	4
Pb	precip+dry_dep	810.36	110.00	1570.00	-	0	4
Zn	precip+dry_dep	58677.33	1070.00	160340.00	-	1	4

ES0012R Zarra
February, April, June and October 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip+dry_dep	235.09	62.00	651.00	-	0	4
Cd	precip+dry_dep	30.59	10.00	60.00	-	1	4
Cr	precip+dry_dep	1688.65	156.00	6343.00	-	1	4
Cu	precip+dry_dep	20042.84	13710.00	24584.00	-	0	4
Hg	precip+dry_dep	6.03	3.96	9.09	-	1	4
Ni	precip+dry_dep	1409.71	370.00	4151.00	-	2	4
Pb	precip+dry_dep	1381.13	159.00	4277.00	-	0	4
Zn	precip+dry_dep	22664.79	6750.00	32530.00	-	0	4

ES0014R Els Torms
February, April, June and October 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip+dry_dep	102.75	30.00	168.00	-	1	4
Cd	precip+dry_dep	19.36	10.00	28.00	-	3	4
Cr	precip+dry_dep	375.97	120.00	1178.00	-	2	4
Cu	precip+dry_dep	5181.88	3500.00	9568.00	-	0	4
Hg	precip+dry_dep	3.56	1.41	6.93	-	2	4
Ni	precip+dry_dep	670.30	320.00	1212.00	-	3	4
Pb	precip+dry_dep	339.46	170.00	644.00	-	0	4
Zn	precip+dry_dep	5948.62	1240.00	16763.00	-	1	4

IT0019R Monte Martano
January 2017 - December 2017

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip+dry_dep	1753736.16	447000	5328000	-	0	12
As	precip+dry_dep	227.70	20.00	660.00	-	0	12
Ba	precip+dry_dep	21605.18	4100.00	63000.00	-	0	12
Cd	precip+dry_dep	219.18	20.00	1260.00	-	0	12
Co	precip+dry_dep	682.03	260.00	1710.00	-	0	12
Cr	precip+dry_dep	4889.70	710.00	14400.00	-	0	12
Cu	precip+dry_dep	9304.60	4340.00	16200.00	-	0	12
Fe	precip+dry_dep	1173984.11	280000	3299000	-	0	12
La	precip+dry_dep	1426.79	350.00	4810.00	-	0	12
Mn	precip+dry_dep	41256.90	17100.00	125400.0	-	0	12
Mo	precip+dry_dep	180.44	20.00	1750.00	-	0	12
Ni	precip+dry_dep	11646.33	670.00	46350.00	-	0	12
Pb	precip+dry_dep	5759.86	900.00	15100.00	-	0	12
Sb	precip+dry_dep	573.18	100.00	2500.00	-	0	12
Sn	precip+dry_dep	318.41	100.00	1860.00	-	0	12
Sr	precip+dry_dep	17145.81	2700.00	37150.00	-	0	12
Ti	precip+dry_dep	21435.07	7320.00	76500.00	-	0	12
V	precip+dry_dep	3327.89	890.00	9340.00	-	0	12
Zn	precip+dry_dep	217771.78	10000.00	729000	-	0	12

Annex 2

Annual statistics for heavy metals in air

BE0014R Koksijde
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.54	0.53	0.42	2.07	0.00	0.40	4.20	96.2	0	176
Cd	pm10	0.15	0.17	0.15	1.74	0.00	0.10	1.40	96.2	0	176
Cr	pm10	1.18	1.09	0.85	2.49	-0.20	1.00	7.60	96.2	0	176
Cu	pm10	4.13	3.40	3.22	1.99	0.60	3.20	21.80	96.2	0	176
Mn	pm10	8.62	8.62	5.96	2.38	0.70	6.10	56.10	96.2	0	176
Ni	pm10	2.78	3.41	1.79	2.55	0.10	1.70	26.00	96.2	0	176
Pb	pm10	5.31	5.18	3.88	2.16	0.70	3.65	34.50	96.2	0	176
Zn	pm10	22.43	23.13	15.08	2.43	1.80	15.25	137.80	96.2	0	176

CY0002R Agia Marina Xyliatou / Cyprus Atmosph...
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	pm10	568.6111	196.14	281.61	2.94	24.28	302.7312	2221.79	97.3	0	355
As	pm10	0.44	0.28	0.37	1.88	0.02	0.41	2.76	97.3	0	355
Cd	pm10	0.10	0.11	0.07	2.20	0.00	0.07	1.21	97.3	0	355
Cr	pm10	1.77	2.27	1.36	1.93	0.14	1.36	34.09	97.3	0	355
Cu	pm10	2.49	2.97	1.77	2.32	0.01	1.81	32.45	97.3	0	355
Fe	pm10	471.75	891.07	254.17	2.91	6.62	292.2210	610.45	97.3	0	355
Mn	pm10	9.03	15.12	5.22	2.88	0.00	5.84	192.38	97.3	0	355
Ni	pm10	2.93	3.15	0.76	13.97	0.00	2.79	41.95	97.3	0	355
Pb	pm10	0.01	0.01	0.00	2.46	0.00	0.00	0.05	97.3	0	355
V	pm10	3.23	2.82	2.37	2.34	0.05	2.59	31.08	97.3	0	355
Zn	pm10	19.25	17.47	13.48	2.54	0.06	13.40	99.86	97.3	0	355

CZ0003R Kosetice (NOAK)
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.60	0.98	0.32	2.86	0.02	0.29	10.50	49.8	3	182
As	pm25	0.54	0.86	0.30	2.77	0.02	0.29	8.94	49.5	3	181
Cd	pm10	0.08	0.08	0.06	2.30	0.01	0.05	0.40	49.8	0	182
Cd	pm25	0.07	0.07	0.05	2.24	0.01	0.04	0.35	49.5	0	181
Co	pm10	0.04	0.03	0.03	2.08	0.00	0.03	0.18	49.8	0	182
Co	pm25	0.02	0.01	0.01	2.03	0.00	0.01	0.10	49.5	1	181
Cr	pm10	0.79	1.19	0.28	5.38	0.03	0.52	13.30	49.8	54	182
Cr	pm25	0.55	0.65	0.22	4.68	0.03	0.31	4.53	49.5	55	181
Cu	pm10	1.37	1.19	1.03	2.26	0.08	1.14	11.70	45.7	5	167
Cu	pm25	0.72	0.96	0.46	2.64	0.08	0.52	10.00	45.4	22	166
Fe	pm10	85.54	75.79	60.82	2.32	7.95	62.20	426.00	49.8	0	182
Fe	pm25	25.70	22.31	17.80	2.57	0.29	18.40	126.00	49.5	2	181
Mn	pm10	3.28	2.31	2.75	1.80	0.59	2.71	22.10	49.8	0	182
Mn	pm25	1.63	1.08	1.35	1.88	0.20	1.37	7.96	49.5	0	181
Ni	pm10	0.44	0.60	0.19	3.90	0.04	0.24	3.49	45.7	52	167
Ni	pm25	0.44	0.46	0.24	3.34	0.04	0.28	2.63	45.4	32	166
Pb	pm10	2.79	2.84	1.95	2.25	0.29	1.79	17.10	49.8	0	182
Pb	pm25	2.49	2.55	1.73	2.26	0.28	1.57	16.00	49.5	0	181
Se	pm10	0.29	0.22	0.20	2.47	0.04	0.22	1.00	49.8	32	182
Se	pm25	0.30	0.22	0.22	2.24	0.04	0.23	1.11	49.5	19	181
V	pm10	0.31	0.28	0.23	2.22	0.03	0.24	1.79	49.8	0	182
V	pm25	0.19	0.19	0.14	2.26	0.01	0.14	1.25	49.5	0	181
Zn	pm10	8.75	8.55	6.28	2.19	0.94	6.17	50.80	49.8	0	182
Zn	pm25	7.57	6.99	5.46	2.25	0.37	5.35	39.60	49.5	0	181

CZ0005R Churanov
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.23	0.54	0.10	3.21	0.02	0.10	5.71	49.8	53	182
Cd	pm10	0.03	0.03	0.02	2.51	0.00	0.02	0.25	49.8	1	182
Co	pm10	0.02	0.03	0.01	3.56	0.00	0.01	0.18	49.8	17	182
Cr	pm10	0.38	0.50	0.13	4.73	0.03	0.03	2.44	49.8	93	182
Cu	pm10	0.80	0.76	0.50	2.96	0.08	0.63	4.92	46.0	29	168
Fe	pm10	56.37	70.50	27.84	3.83	0.29	31.10	432.00	49.8	5	182
Mn	pm10	1.40	1.35	0.85	3.03	0.01	0.94	6.96	49.8	2	182
Ni	pm10	0.25	0.32	0.13	3.15	0.04	0.15	2.07	46.0	60	168
Pb	pm10	1.44	2.27	0.85	2.61	0.09	0.78	19.40	49.8	0	182
Se	pm10	0.13	0.12	0.10	2.24	0.04	0.10	0.68	49.8	83	182
V	pm10	0.20	0.26	0.11	3.45	0.00	0.13	1.92	49.8	2	182
Zn	pm10	4.94	5.40	3.40	2.39	0.15	3.13	40.20	49.8	2	182

DE0001R Westerland
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.24	0.27	0.17	2.16	0.05	0.15	1.35	100.0	0	53
Cd	pm10	0.05	0.05	0.03	2.38	0.00	0.03	0.22	100.0	0	53
Co	pm10	0.03	0.02	0.03	1.73	0.01	0.03	0.08	100.0	0	53
Cu	pm10	1.67	0.72	1.53	1.53	0.51	1.56	3.96	100.0	0	53
Fe	pm10	56.98	31.00	49.79	1.72	15.77	52.40	179.79	100.0	0	53
Mn	pm10	1.55	0.89	1.32	1.79	0.38	1.39	4.79	100.0	0	53
Mo	pm10	0.12	0.07	0.10	1.76	0.03	0.10	0.40	100.0	0	53
Ni	pm10	0.52	0.29	0.43	1.94	0.07	0.46	1.30	100.0	0	53
Pb	pm10	1.78	1.87	1.27	2.19	0.22	1.15	9.89	100.0	0	53
Sb	pm10	0.25	0.16	0.22	1.80	0.04	0.19	0.69	100.0	0	53
Se	pm10	0.43	0.21	0.38	1.65	0.12	0.39	1.00	100.0	0	53
Tl	pm10	0.01	0.01	0.01	2.16	0.00	0.01	0.06	100.0	0	53
V	pm10	0.57	0.31	0.47	1.96	0.10	0.55	1.34	100.0	0	53
Zn	pm10	6.49	6.03	4.68	2.19	0.88	3.98	26.74	100.0	0	53

DE0002R Waldhof
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.42	0.49	0.28	2.18	0.11	0.23	2.07	100.0	0	53
Cd	pm10	0.09	0.08	0.07	1.92	0.03	0.06	0.47	100.0	0	53
Co	pm10	0.04	0.02	0.03	1.63	0.01	0.03	0.13	100.0	0	53
Cu	pm10	2.46	2.41	2.25	1.67	1.10	2.04	17.58	100.0	0	53
Fe	pm10	83.72	36.68	77.00	1.51	37.98	74.57	181.59	100.0	0	53
Mn	pm10	2.39	1.11	2.18	1.52	0.99	2.14	5.40	100.0	0	53
Mo	pm10	0.24	0.17	0.20	1.81	0.08	0.18	0.84	100.0	0	53
Ni	pm10	0.38	0.26	0.31	1.92	0.04	0.32	1.44	98.1	0	52
Pb	pm10	3.47	3.47	2.60	2.01	0.98	2.25	17.24	100.0	0	53
Sb	pm10	0.41	0.23	0.36	1.61	0.18	0.34	1.17	100.0	0	53
Se	pm10	0.52	0.29	0.47	1.57	0.23	0.43	1.42	100.0	0	53
Hg (TGM)	air	1.57	0.23	1.55	1.14	1.16	1.52	2.92	96.4	0	352
Tl	pm10	0.02	0.03	0.02	2.00	0.01	0.01	0.18	100.0	0	53
V	pm10	0.33	0.17	0.29	1.59	0.09	0.30	1.17	100.0	0	53
Zn	pm10	13.24	11.68	10.50	1.88	3.80	10.14	59.87	100.0	0	53

DE0003R Schauinsland
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.09	0.06	0.06	2.64	0.00	0.07	0.28	100.0	0	53
Cd	pm10	0.02	0.01	0.02	2.01	0.00	0.02	0.06	100.0	0	53
Co	pm10	0.03	0.02	0.02	2.96	0.00	0.02	0.07	100.0	0	53
Cu	pm10	1.21	0.82	0.90	2.33	0.11	1.07	3.34	100.0	0	53
Fe	pm10	59.33	49.02	33.25	3.69	1.21	45.19	174.70	100.0	0	53
Mn	pm10	1.46	1.11	0.91	3.20	0.04	1.23	4.13	98.1	0	52
Mo	pm10	0.10	0.07	0.07	2.12	0.01	0.08	0.27	100.0	0	53
Ni	pm10	0.21	0.24	0.13	2.71	0.04	0.15	1.40	100.0	0	53
Pb	pm10	1.10	0.81	0.87	1.98	0.20	0.99	4.93	100.0	0	53
Sb	pm10	0.17	0.11	0.14	2.02	0.03	0.15	0.47	98.1	0	52
Se	pm10	0.15	0.09	0.12	1.98	0.02	0.14	0.39	100.0	0	53
Hg (TGM)	air	1.33	0.16	1.32	1.12	0.97	1.31	1.88	95.3	0	348
Tl	pm10	0.01	0.01	0.00	2.37	0.00	0.00	0.03	100.0	0	53
V	pm10	0.26	0.26	0.14	3.73	0.00	0.17	1.05	100.0	0	53
Zn	pm10	4.12	2.57	3.21	2.12	0.38	3.93	10.06	100.0	0	53

DE0007R Neuglobsow
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.62	1.14	0.30	2.88	0.09	0.20	7.28	100.0	0	53
Cd	pm10	0.09	0.09	0.07	1.96	0.02	0.06	0.46	100.0	0	53
Co	pm10	0.03	0.02	0.02	1.95	0.00	0.02	0.13	100.0	0	53
Cu	pm10	1.65	1.52	1.47	1.73	0.57	1.33	10.62	100.0	0	53
Fe	pm10	55.59	31.27	49.30	1.62	24.65	50.42	188.58	100.0	0	53
Mn	pm10	1.84	1.00	1.63	1.59	0.67	1.67	5.68	100.0	0	53
Mo	pm10	0.14	0.09	0.12	1.79	0.04	0.11	0.43	100.0	0	53
Ni	pm10	0.24	0.22	0.16	2.60	0.04	0.18	1.00	98.1	0	52
Pb	pm10	3.26	3.83	2.25	2.14	0.65	2.02	19.73	100.0	0	53
Sb	pm10	0.34	0.24	0.29	1.71	0.13	0.25	1.09	100.0	0	53
Se	pm10	0.45	0.33	0.39	1.68	0.18	0.35	1.75	100.0	0	53
Tl	pm10	0.02	0.04	0.01	2.52	0.00	0.01	0.21	100.0	0	53
V	pm10	0.31	0.18	0.27	1.63	0.10	0.28	1.25	100.0	0	53
Zn	pm10	10.07	9.27	7.80	1.93	2.96	6.72	44.00	100.0	0	53

DE0008R Schmäcke
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.19	0.29	0.13	2.27	0.03	0.11	1.94	100.0	0	53
Cd	pm10	0.04	0.03	0.04	1.73	0.01	0.03	0.21	100.0	0	53
Co	pm10	0.02	0.02	0.02	2.46	0.00	0.02	0.06	100.0	0	53
Cu	pm10	1.80	1.83	1.42	2.14	0.16	1.66	11.67	100.0	0	53
Fe	pm10	55.59	36.73	39.57	2.57	3.84	53.96	131.76	100.0	0	53
Mn	pm10	1.49	0.91	1.14	2.25	0.13	1.29	3.56	100.0	0	53
Mo	pm10	0.15	0.08	0.12	1.85	0.02	0.14	0.33	100.0	0	53
Ni	pm10	0.30	0.27	0.20	2.61	0.04	0.27	1.40	100.0	0	53
Pb	pm10	1.66	1.29	1.40	1.72	0.59	1.41	9.35	100.0	0	53
Sb	pm10	0.26	0.14	0.22	1.75	0.08	0.23	0.75	100.0	0	53
Se	pm10	0.40	0.19	0.36	1.69	0.08	0.40	1.12	100.0	0	53
Hg (TGM)	air	1.50	0.16	1.49	1.11	1.13	1.48	2.20	99.7	0	364
Tl	pm10	0.01	0.01	0.01	1.90	0.00	0.01	0.09	100.0	0	53
V	pm10	0.19	0.13	0.13	2.73	0.00	0.18	0.50	100.0	0	53
Zn	pm10	6.03	4.20	4.88	1.95	1.21	5.02	24.37	100.0	0	53

DE0009R Zingst
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.45	0.90	0.23	2.57	0.07	0.19	5.55	100.0	0	53
Cd	pm10	0.07	0.08	0.05	2.19	0.01	0.04	0.47	100.0	0	53
Co	pm10	0.04	0.02	0.03	1.67	0.01	0.03	0.12	100.0	0	53
Cu	pm10	1.50	0.79	1.34	1.59	0.61	1.31	3.98	97.8	0	51
Fe	pm10	50.38	31.90	43.55	1.71	15.09	43.63	210.31	100.0	0	53
Mn	pm10	1.58	0.95	1.38	1.68	0.48	1.32	6.02	100.0	0	53
Mo	pm10	0.11	0.07	0.09	1.83	0.03	0.09	0.36	100.0	0	53
Ni	pm10	0.81	0.64	0.67	1.71	0.24	0.66	4.63	100.0	0	53
Pb	pm10	2.70	3.74	1.73	2.30	0.58	1.53	21.16	100.0	0	53
Sb	pm10	0.31	0.25	0.25	1.87	0.11	0.21	1.35	100.0	0	53
Se	pm10	0.40	0.25	0.35	1.62	0.16	0.35	1.55	100.0	0	53
Hg (TGM)	air	1.48	0.21	1.47	1.13	1.07	1.45	2.91	99.4	0	363
Tl	pm10	0.02	0.04	0.01	2.67	0.00	0.01	0.26	100.0	0	53
V	pm10	1.19	0.79	0.97	1.91	0.21	0.99	3.52	100.0	0	53
Zn	pm10	8.53	9.47	6.01	2.20	1.63	5.62	48.41	100.0	0	53

DK0008R Anholt
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.25	0.53	0.15	2.29	-0.01	0.14	5.70	97.5	3	357
Cd	aerosol	0.03	0.06	0.02	2.94	-0.00	0.02	0.47	97.5	5	357
Ni	aerosol	0.48	0.73	0.29	3.22	-0.15	0.30	8.70	97.5	35	357
Pb	aerosol	1.16	2.40	0.50	3.52	-0.11	0.50	24.87	97.5	6	357

DK0010G Villum Research Station, Station Nord
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.04	0.08	0.02	3.26	-0.00	0.02	0.44	90.4	5	48
Cd	aerosol	0.01	0.01	0.00	2.98	0.00	0.00	0.04	90.4	34	48
Hg	air	0.81	0.27	0.74	1.64	0.05	0.90	1.61	44.1	0	3860
Ni	aerosol	0.06	0.10	0.03	3.33	-0.01	0.04	0.58	90.4	4	48
Pb	aerosol	0.20	0.38	0.07	4.09	0.00	0.07	2.09	90.4	2	48

DK0012R Risoe
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.36	0.73	0.20	2.49	0.02	0.20	7.36	96.7	0	354
Cd	aerosol	0.05	0.07	0.03	2.78	0.00	0.03	0.52	96.4	1	353
Ni	aerosol	0.59	2.93	0.36	2.66	-0.06	0.38	53.97	96.7	3	354
Pb	aerosol	1.72	2.86	0.90	2.99	0.02	0.90	25.38	96.7	0	354

EE0009R Lahemaa
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.10	0.07	0.08	1.97	0.04	0.09	0.30	95.5	18	50
Cd	pm10	0.03	0.03	0.03	1.97	0.01	0.01	0.12	95.5	29	50
Hg	air	1.17	0.35	1.11	1.38	0.50	1.17	2.75	98.1	390	8590
Ni	pm10	0.38	0.59	0.21	2.87	0.05	0.24	3.85	95.5	13	50
Pb	pm10	0.92	0.59	0.73	2.14	0.05	0.78	2.44	95.5	1	50

ES0001R San Pablo de los Montes
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.20	0.14	0.16	1.98	0.05	0.16	0.77	16.4	9	60
Cd	pm10	0.02	0.02	0.02	1.91	0.01	0.02	0.08	16.4	29	60
Cr	pm10	1.21	0.89	0.99	1.88	0.24	0.99	6.00	16.4	9	60
Ni	pm10	0.71	0.60	0.56	1.94	0.20	0.57	3.84	16.4	6	60
Pb	pm10	1.44	1.42	1.01	2.34	0.12	0.95	7.34	16.4	0	60
Zn	pm10	5.90	3.42	5.05	1.78	1.14	5.21	20.48	16.4	0	60

ES0007R VÄ-znar
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.20	0.20	0.15	2.18	0.05	0.16	1.41	16.4	15	60
Cd	pm10	0.03	0.02	0.02	1.95	0.01	0.02	0.09	16.4	25	60
Cr	pm10	1.37	1.41	1.02	2.19	0.20	1.23	10.80	16.4	4	60
Ni	pm10	1.71	1.23	1.39	1.93	0.23	1.58	7.03	16.4	2	60
Pb	pm10	1.46	1.10	1.17	1.98	0.20	1.25	5.62	16.4	0	60
Zn	pm10	6.16	2.80	5.66	1.51	1.94	5.70	19.45	16.4	0	60

ES0008R Niembro
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.19	0.15	0.14	2.19	0.05	0.15	0.83	16.4	17	60
Cd	pm10	0.13	0.12	0.09	2.63	0.01	0.10	0.60	16.4	3	60
Cr	pm10	1.02	0.50	0.90	1.72	0.21	1.00	2.87	16.4	12	60
Ni	pm10	0.64	0.45	0.53	1.81	0.21	0.47	2.38	16.4	5	60
Pb	pm10	3.85	4.48	2.40	2.69	0.27	2.50	26.53	16.4	0	60
Hg (TGM)	air	0.56	0.09	0.56	1.15	0.30	0.57	1.47	45.0	0	3938
Zn	pm10	20.62	23.01	13.89	2.35	2.58	13.34	135.37	16.4	0	60

ES0009R Campisabalos
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.15	0.15	0.11	2.10	0.05	0.12	1.08	16.4	23	60
Cd	pm10	0.02	0.01	0.01	1.79	0.01	0.01	0.06	16.4	41	60
Cr	pm10	1.06	0.99	0.89	1.69	0.22	0.78	7.83	16.4	22	60
Cu	pm10	2.46	1.62	2.01	1.91	0.57	1.97	7.12	16.4	0	60
Ni	pm10	0.54	0.58	0.45	1.68	0.21	0.42	4.59	16.4	19	60
Pb	pm10	0.91	0.75	0.66	2.35	0.10	0.73	3.72	16.4	1	60
Zn	pm10	5.31	2.65	4.74	1.61	2.19	4.62	13.54	16.4	2	60

ES0014R Els Torms
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.15	0.09	0.13	1.94	0.05	0.14	0.41	16.4	17	60
Cd	pm10	0.03	0.02	0.02	2.10	0.01	0.02	0.10	16.4	24	60
Cr	pm10	0.70	0.22	0.66	1.48	0.20	0.78	1.56	16.4	40	60
Cu	pm10	3.82	1.76	3.51	1.49	1.37	3.50	10.16	13.7	0	50
Ni	pm10	0.71	0.45	0.60	1.74	0.24	0.49	2.15	16.4	18	60
Pb	pm10	1.19	0.80	0.91	2.19	0.14	1.00	3.20	16.4	0	60
Zn	pm10	4.75	4.23	3.59	2.03	0.99	2.64	19.66	16.4	16	60

FI0018R Virolahti III
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	pm10	66.84	74.30	39.53	2.83	4.19	37.82	362.31	99.9	0	53
As	pm10	0.17	0.10	0.15	1.56	0.04	0.15	0.75	99.9	0	53
Cd	pm10	0.03	0.02	0.03	1.69	0.01	0.03	0.14	99.9	0	53
Co	pm10	0.02	0.01	0.02	1.70	0.01	0.02	0.06	99.9	0	53
Cr	pm10	0.23	0.19	0.14	3.72	0.01	0.21	0.96	99.9	8	53
Cu	pm10	0.52	0.26	0.48	1.57	0.14	0.47	1.65	99.9	0	53
Fe	pm10	54.62	56.67	35.74	2.46	5.63	31.09	265.33	99.9	0	53
Mn	pm10	1.21	0.80	1.01	1.80	0.27	0.89	3.71	99.9	0	53
Ni	pm10	0.28	0.16	0.21	2.76	0.00	0.29	0.74	99.9	2	53
Pb	pm10	1.05	0.51	0.93	1.65	0.24	0.95	2.34	99.9	0	53
V	pm10	0.62	0.36	0.52	1.85	0.14	0.62	1.98	99.9	0	53
Zn	pm10	4.48	1.82	4.11	1.52	1.40	4.23	9.52	99.9	0	53

FI0036R Pallas (Matorova)
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	pm10	7.92	7.70	5.31	2.47	0.87	5.19	39.07	100.0	0	53
As	pm10	0.11	0.13	0.07	2.50	0.01	0.06	0.80	100.0	0	53
Cd	pm10	0.01	0.01	0.01	2.28	0.00	0.01	0.08	100.0	1	53
Co	pm10	0.01	0.01	0.01	2.51	0.00	0.01	0.08	100.0	2	53
Cr	pm10	0.12	0.19	0.05	4.15	0.00	0.07	1.16	100.0	13	53
Cu	pm10	0.37	0.44	0.21	2.98	0.02	0.21	2.62	100.0	0	53
Fe	pm10	8.79	6.07	7.10	1.94	0.84	7.07	30.12	100.0	0	53
Hg	aerosol	1.57	1.64	1.16	2.07	0.30	1.10	8.70	93.8	0	49
Hg	air+aerosol	1.35	0.27	1.32	1.25	0.50	1.40	2.10	22.7	0	83
Mn	pm10	0.27	0.18	0.21	2.05	0.02	0.20	0.80	100.0	0	53
Ni	pm10	0.25	0.34	0.12	3.51	0.00	0.11	2.13	100.0	1	53
Pb	pm10	0.45	0.37	0.33	2.35	0.04	0.37	1.71	100.0	0	53
V	pm10	0.22	0.24	0.13	2.75	0.02	0.11	0.98	100.0	0	53
Zn	pm10	1.16	0.90	0.93	1.98	0.09	0.98	5.77	100.0	0	53

FI0050R Hyytiälä
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	pm10	22.38	20.84	15.40	2.47	1.13	14.73	110.96	94.1	0	50
As	pm10	0.16	0.10	0.14	1.60	0.05	0.13	0.64	94.1	0	50
Cd	pm10	0.03	0.01	0.02	1.65	0.01	0.03	0.08	94.1	0	50
Co	pm10	0.03	0.05	0.02	2.14	0.00	0.02	0.35	94.1	0	50
Cr	pm10	0.20	0.25	0.12	3.29	0.01	0.14	1.58	94.1	6	50
Cu	pm10	0.41	0.19	0.38	1.54	0.15	0.38	1.03	94.1	0	50
Fe	pm10	19.84	14.21	16.10	1.91	4.17	15.55	75.40	94.1	0	50
Mn	pm10	0.79	0.33	0.73	1.51	0.32	0.72	1.72	94.1	0	50
Ni	pm10	0.18	0.08	0.16	1.56	0.06	0.17	0.47	94.1	1	50
Pb	pm10	0.74	0.44	0.63	1.80	0.17	0.66	2.30	94.1	0	50
V	pm10	0.25	0.15	0.21	1.83	0.05	0.25	0.84	94.1	0	50
Zn	pm10	3.74	1.81	3.35	1.64	1.24	3.46	8.04	94.1	0	50

FR0009R Revin
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.25	0.14	0.21	1.61	0.08	0.21	0.67	84.7	0	24
Cd	pm10	0.09	0.04	0.08	1.65	0.03	0.09	0.20	92.1	0	26
Ni	pm10	0.66	0.28	0.60	1.53	0.24	0.57	1.32	83.1	0	23
Pb	pm10	3.64	1.40	3.21	1.59	0.90	3.43	6.10	92.1	0	26

FR0013R Peyrusse Vieille
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.20	0.13	0.17	1.77	0.08	0.13	0.62	88.7	0	24
Cd	pm10	0.04	0.02	0.03	1.70	0.02	0.03	0.11	88.7	0	24
Ni	pm10	0.44	0.28	0.38	1.76	0.13	0.35	1.26	88.7	0	24
Pb	pm10	1.49	0.84	1.29	1.64	0.66	1.17	3.87	88.7	0	24

FR0023R Saint-Nazaire-le-Désert
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.14	0.08	0.12	1.70	0.05	0.12	0.34	100.0	0	27
Cd	pm10	0.04	0.02	0.03	1.53	0.01	0.04	0.07	100.0	0	27
Ni	pm10	0.41	0.25	0.32	2.21	0.02	0.38	1.03	100.0	2	27
Pb	pm10	1.37	0.55	1.25	1.49	0.54	1.17	2.76	100.0	0	27

FR0024R Guipry
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.28	0.13	0.26	1.50	0.11	0.25	0.64	92.6	0	25
Cd	pm10	0.06	0.04	0.05	2.07	0.01	0.06	0.19	100.0	0	27
Ni	pm10	1.05	0.45	0.93	1.56	0.32	0.95	2.35	96.2	0	26
Pb	pm10	1.75	0.90	1.57	1.66	0.46	1.57	4.64	100.0	0	27

FR0025R Verneuil
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.23	0.16	0.19	1.65	0.11	0.17	0.73	88.2	0	24
Cd	pm10	0.06	0.04	0.05	1.83	0.02	0.05	0.20	95.9	0	26
Ni	pm10	0.45	0.21	0.40	1.59	0.15	0.44	1.19	88.2	1	24
Pb	pm10	1.80	1.13	1.57	1.69	0.61	1.53	6.16	95.9	0	26

GB0013R Yarner Wood
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.39	0.19	0.37	1.53	0.20	0.39	0.81	100.0	0	14
Cd	pm10	0.05	0.02	0.05	1.64	0.02	0.05	0.10	100.0	0	14
Cr	pm10	0.97	0.23	0.95	1.33	0.50	1.10	1.20	100.0	14	14
Cu	pm10	1.03	0.45	0.95	1.54	0.49	1.06	2.17	100.0	0	14
Ni	pm10	0.47	0.18	0.43	1.46	0.21	0.43	0.85	100.0	1	14
Pb	pm10	1.63	0.78	1.53	1.60	0.76	1.57	3.20	100.0	0	14
Zn	pm10	3.91	1.55	3.68	1.61	1.19	4.07	6.44	100.0	0	14

GB0017R Heigham Holmes
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.57	0.24	0.55	1.46	0.34	0.52	1.07	100.0	0	14
Cd	pm10	0.09	0.05	0.09	1.48	0.05	0.08	0.22	100.0	0	14
Cr	pm10	1.29	0.66	1.15	1.82	0.20	1.10	3.10	100.0	9	14
Cu	pm10	2.23	0.74	2.15	1.35	1.41	2.17	4.27	100.0	0	14
Ni	pm10	0.64	0.24	0.60	1.49	0.30	0.62	1.12	100.0	0	14
Pb	pm10	4.00	1.69	3.88	1.44	2.37	3.76	8.17	100.0	0	14
Zn	pm10	10.39	4.50	9.77	1.50	5.80	9.68	20.99	100.0	0	14

GB0048R Auchencorth Moss
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.20	0.09	0.18	1.55	0.10	0.16	0.44	100.0	0	14
Cd	pm10	0.03	0.01	0.02	1.65	0.01	0.03	0.05	100.0	0	14
Co	pm10	0.02	0.01	0.02	1.62	0.01	0.02	0.04	100.0	0	14
Cr	pm10	1.06	0.41	1.00	1.47	0.40	1.10	2.20	100.0	13	14
Cu	pm10	0.90	0.31	0.82	1.45	0.44	0.90	1.51	100.0	0	14
Fe	pm10	36.07	26.16	29.54	2.00	6.40	30.35	106.10	100.0	1	14
Hg	air	1.37	0.13	1.36	1.09	0.98	1.35	2.41	53.8	0	4176
Hg	pm25	3.10	2.31	2.53	1.84	0.84	2.34	16.23	3.8	0	166
Mn	pm10	0.99	0.54	0.87	1.60	0.36	0.90	2.53	100.0	0	14
Ni	pm10	0.22	0.12	0.18	1.80	0.07	0.17	0.46	100.0	10	14
Pb	pm10	1.04	0.45	0.95	1.54	0.47	0.97	2.04	100.0	0	14
Hg (RGM)	air	1.39	0.89	1.21	1.64	0.23	1.05	6.33	3.7	2	163
Se	pm10	0.26	0.07	0.25	1.28	0.16	0.24	0.44	100.0	14	14
V	pm10	0.32	0.12	0.30	1.43	0.13	0.29	0.66	100.0	0	14
Zn	pm10	2.72	1.40	2.30	1.75	1.02	2.44	5.11	100.0	0	14

GB1055R Chilbolton Observatory
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.62	0.30	0.59	1.50	0.37	0.55	1.34	100.0	0	14
Cd	pm10	0.11	0.05	0.10	1.53	0.06	0.09	0.22	100.0	0	14
Co	pm10	0.04	0.02	0.04	1.57	0.02	0.04	0.10	100.0	0	14
Cr	pm10	1.03	0.51	0.94	1.88	0.20	1.10	2.20	100.0	13	14
Cu	pm10	2.51	1.11	2.35	1.52	1.20	2.27	4.59	100.0	0	14
Fe	pm10	85.49	29.85	80.05	1.47	39.10	84.40	149.00	100.0	0	14
Mn	pm10	2.11	0.68	1.98	1.37	1.16	1.95	3.64	100.0	0	14
Ni	pm10	0.64	0.35	0.55	1.74	0.17	0.53	1.30	100.0	1	14
Pb	pm10	3.84	2.23	3.49	1.64	1.85	3.23	8.48	100.0	0	14
Se	pm10	0.43	0.07	0.42	1.17	0.33	0.42	0.53	100.0	13	14
Hg (TGM)	air	1.41	0.18	1.40	1.12	1.01	1.37	3.57	70.1	0	6143
V	pm10	0.71	0.23	0.66	1.39	0.34	0.65	1.09	100.0	0	14
Zn	pm10	8.66	3.92	8.00	1.55	3.16	7.73	18.31	100.0	0	14

HU0002R K-pusztta
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Cd	aerosol	0.17	0.18	0.14	2.14	0.00	0.15	1.46	94.4	1	65
Pb	aerosol	6.96	4.46	6.31	1.78	1.84	6.32	23.73	93.6	0	64

IS0002R Irafoss
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Fe	aerosol	122.61	272.21	23.80	6.22	1.00	20.00	1970.00	95.5	67	349

IS0091R Storhofdi
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	aerosol	233.45	202.34	149.74	2.38	40.60	131.21	707.36	88.4	0	22
As	aerosol	0.04	0.03	0.04	1.86	0.01	0.03	0.12	88.4	0	22
Cd	aerosol	0.00	0.00	0.00	1.94	0.00	0.00	0.02	88.4	0	22
Co	aerosol	0.13	0.12	0.08	2.32	0.03	0.07	0.44	88.4	0	22
Cr	aerosol	0.54	0.54	0.36	2.32	0.10	0.31	2.02	88.4	0	22
Cu	aerosol	0.50	0.35	0.41	1.89	0.13	0.38	1.40	88.4	0	22
Fe	aerosol	333.71	313.68	196.78	2.59	45.30	165.79	1143.46	88.4	0	22
Hg	aerosol	2.62	2.19	1.81	2.39	0.30	1.57	8.25	88.4	0	22
Mn	aerosol	5.65	5.14	3.49	2.46	0.89	3.00	18.58	88.4	0	22
Ni	aerosol	0.58	0.46	0.43	2.10	0.12	0.41	2.10	88.4	0	22
Pb	aerosol	0.11	0.11	0.09	1.96	0.03	0.09	0.55	88.4	0	22
V	aerosol	1.16	0.97	0.76	2.32	0.22	0.65	3.62	88.4	0	22
Zn	aerosol	1.22	0.71	1.01	1.78	0.36	1.06	3.27	88.4	0	22

IT0019R Monte Martano
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	pm10	145.54	198.85	63.54	4.12	5.00	69.00	838.20	19.2	0	35
As	pm10	0.11	0.10	0.06	3.17	0.01	0.07	0.39	19.2	0	35
Ba	pm10	2.71	3.38	1.37	3.41	0.25	1.45	14.10	19.2	0	35
Cd	pm10	0.03	0.03	0.02	2.37	0.01	0.02	0.14	19.2	0	35
Co	pm10	0.08	0.08	0.05	2.50	0.02	0.06	0.34	19.2	0	35
Cr	pm10	1.13	0.73	0.86	2.29	0.25	1.19	2.88	19.2	0	35
Cu	pm10	4.16	3.95	2.56	3.03	0.50	3.38	20.60	19.2	0	35
Fe	pm10	131.60	145.44	74.87	3.22	5.00	78.90	624.70	19.2	0	35
La	pm10	0.13	0.17	0.06	3.33	0.02	0.04	0.69	19.2	0	35
Mn	pm10	3.69	3.48	2.35	2.86	0.25	2.27	15.11	19.2	0	35
Mo	pm10	0.30	0.11	0.28	1.34	0.25	0.25	0.59	19.2	0	35
Ni	pm10	0.83	0.63	0.61	2.22	0.25	0.66	2.10	19.2	0	35
Pb	pm10	1.46	0.98	1.11	2.24	0.25	1.23	3.66	19.2	0	35
Sb	pm10	0.08	0.06	0.05	2.42	0.02	0.07	0.19	19.2	0	35
Sn	pm10	0.76	0.49	0.60	2.08	0.25	0.72	1.79	19.2	0	35
Sr	pm10	1.16	1.07	0.86	2.08	0.50	0.50	4.81	19.2	0	35
Ti	pm10	4.76	5.81	2.14	4.14	0.25	2.51	23.20	19.2	0	35
V	pm10	1.27	1.33	0.70	3.48	0.05	0.84	5.10	19.2	0	35
Zn	pm10	9.95	9.10	7.50	1.99	5.00	5.00	35.00	19.2	0	35

IV0010R Rucava
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.18	0.13	0.14	2.43	0.00	0.18	0.56	51.8	5	27
Cd	pm10	0.05	0.04	0.04	1.95	0.00	0.04	0.19	51.8	2	27
Ni	pm10	0.47	0.70	0.26	2.89	0.00	0.25	2.85	51.8	18	27
Pb	pm10	0.97	0.85	0.62	3.18	0.00	0.67	3.05	51.8	8	27

NL0008R Bilthoven
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.44	0.55	0.34	2.01	-0.11	0.34	6.11	43.6	118	160
Cd	pm10	0.11	0.12	0.08	2.12	0.02	0.07	0.80	43.6	144	160
Ni	pm10	0.92	0.72	0.77	1.77	0.25	0.78	5.44	43.6	84	160
Pb	pm10	4.16	3.66	3.21	2.11	0.51	3.20	21.17	43.6	40	160
Zn	pm10	31.34	13.02	29.24	1.45	13.42	28.20	76.90	43.6	35	160

NL0644R Cabauw Wielsekade
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm25	0.41	0.55	0.32	2.07	-0.07	0.31	4.85	22.8	64	84
Cd	pm25	0.09	0.07	0.08	1.87	0.02	0.07	0.45	22.8	80	84
Ni	pm25	0.84	1.08	0.61	2.03	0.14	0.56	8.17	22.8	64	83
Pb	pm25	4.67	5.00	3.41	2.27	0.45	3.18	27.23	22.8	26	84
Zn	pm25	24.53	10.65	22.75	1.49	10.67	21.70	60.94	22.8	46	84

NO0002R Birkenes II
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.14	0.13	0.10	2.61	0.01	0.12	0.83	94.2	3	49
Cd	pm10	0.02	0.02	0.01	2.26	0.00	0.02	0.14	94.2	0	49
Co	pm10	0.01	0.01	0.01	2.32	0.00	0.01	0.04	94.2	11	49
Cr	pm10	2.91	0.99	2.75	1.40	0.89	2.57	6.01	94.2	43	49
Cu	pm10	0.31	0.24	0.24	2.03	0.09	0.21	1.19	94.2	21	49
Hg	air	1.19	0.18	1.18	1.15	0.86	1.18	1.96	2.3	0	200
Ni	pm10	0.15	0.10	0.12	2.21	0.03	0.13	0.41	94.2	9	49
Pb	pm10	0.54	0.72	0.33	2.66	0.02	0.35	3.99	94.2	1	49
V	pm10	0.20	0.16	0.13	2.98	0.01	0.18	0.67	94.2	0	49
Zn	pm10	3.15	4.32	1.93	2.67	0.08	2.04	22.60	94.2	1	49
Hg (GEM)	air	1.45	0.21	1.43	1.16	0.64	1.44	2.56	92.1	0	8071

NO0042G Zeppelin mountain (Ny-Ålesund)
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.06	0.10	0.03	3.96	0.00	0.03	0.53	23.3	0	42
Cd	aerosol	0.01	0.02	0.01	3.45	0.00	0.01	0.11	23.3	0	42
Co	aerosol	0.02	0.03	0.01	3.20	0.00	0.01	0.13	23.3	6	42
Cr	aerosol	0.29	0.38	0.15	3.01	0.03	0.13	1.44	23.3	7	42
Cu	aerosol	0.28	0.47	0.15	2.93	0.03	0.14	2.89	23.3	7	42
Mn	aerosol	0.86	1.12	0.50	2.54	0.09	0.41	5.86	23.3	0	42
Ni	aerosol	0.36	0.65	0.14	3.51	0.01	0.12	3.35	23.3	4	42
Pb	aerosol	0.28	0.48	0.10	4.97	0.00	0.15	2.84	23.3	4	42
V	aerosol	0.09	0.13	0.04	3.29	0.00	0.05	0.61	23.3	5	42
Zn	aerosol	1.57	1.38	0.98	3.04	0.08	1.26	6.25	23.3	4	42
Hg (GEM)	air	1.43	0.25	1.39	1.27	0.19	1.45	2.73	96.1	0	8420

NO0090R Andøya
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.04	0.05	0.02	2.75	0.00	0.02	0.24	26.6	0	48
Cd	aerosol	0.01	0.02	0.00	3.35	0.00	0.00	0.10	26.6	3	48
Co	aerosol	0.01	0.02	0.01	2.49	0.00	0.01	0.10	26.6	0	48
Cr	aerosol	0.14	0.13	0.11	2.19	0.04	0.12	0.69	26.6	12	48
Cu	aerosol	0.51	0.43	0.36	2.41	0.08	0.39	1.69	26.6	6	48
Mn	aerosol	0.54	0.72	0.33	2.80	0.03	0.37	4.84	26.6	4	48
Ni	aerosol	0.18	0.14	0.15	1.75	0.04	0.15	0.84	26.6	23	48
Pb	aerosol	0.22	0.34	0.12	3.04	0.01	0.11	1.90	26.6	0	48
V	aerosol	0.13	0.16	0.09	2.19	0.02	0.07	0.76	26.6	0	48
Zn	aerosol	0.97	0.98	0.71	2.11	0.28	0.69	5.12	26.6	13	48
Hg (GEM)	air	1.40	0.10	1.40	1.08	0.74	1.40	1.87	95.3	0	8350

PL0005R Diabla Gora
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.36	0.31	0.27	2.16	0.10	0.25	1.50	85.5	0	52
Cd	pm10	0.10	0.07	0.07	2.39	0.01	0.07	0.30	85.5	0	52
Cr	pm10	0.38	0.57	0.25	2.27	0.07	0.24	3.25	85.5	0	52
Cu	pm10	2.23	2.30	1.34	3.10	0.02	1.29	10.22	85.5	0	52
Ni	pm10	0.29	0.20	0.21	2.46	0.01	0.26	1.00	85.5	0	52
Pb	pm10	2.64	2.23	1.81	2.69	0.00	1.90	10.10	85.5	0	52
TGM	air	1.07	0.47	0.99	1.52	0.50	1.00	2.40	13.7	5	50
Zn	pm10	12.14	9.27	8.87	2.33	1.10	8.45	35.50	85.5	0	52

PL0009R Zielonka
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.60	0.64	0.36	2.85	0.10	0.40	2.60	78.9	0	48
Cd	pm10	0.12	0.11	0.09	2.15	0.03	0.08	0.51	78.9	0	48
Ni	pm10	0.77	0.63	0.59	2.10	0.20	0.65	3.36	78.9	0	48
Pb	pm10	4.15	4.32	2.91	2.25	0.80	2.70	21.20	78.9	0	48

RU0002R Amderma
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Hg (TGM)	air	1.05	0.25	1.01	1.31	0.00	1.04	2.23	23.3	0	3897

SE0005R BredkÅhlen
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.04	0.02	0.04	1.45	0.02	0.04	0.08	98.4	0	12
Cd	aerosol	0.01	0.01	0.01	1.66	0.00	0.01	0.02	98.4	0	12
Co	aerosol	0.01	0.01	0.01	1.30	0.00	0.01	0.02	98.4	0	12
Cr	aerosol	0.21	0.09	0.20	1.42	0.13	0.18	0.47	98.4	0	12
Cu	aerosol	0.14	0.08	0.12	1.86	0.06	0.15	0.29	98.4	0	12
Hg	air+aerosol	1.37	0.19	1.36	1.16	0.90	1.40	1.80	12.9	0	47
Mn	aerosol	0.43	0.21	0.38	1.68	0.17	0.48	0.85	98.4	0	12
Ni	aerosol	0.10	0.02	0.10	1.19	0.07	0.10	0.14	98.4	0	12
Pb	aerosol	0.23	0.17	0.19	1.81	0.09	0.17	0.66	98.4	0	12
V	aerosol	0.08	0.05	0.07	2.04	0.02	0.09	0.18	98.4	0	12
Zn	aerosol	0.93	0.46	0.84	1.59	0.39	0.93	2.20	98.4	0	12

SE0012R Aspvreten
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.29	0.10	0.26	1.51	0.10	0.27	0.43	90.7	0	13
Cd	aerosol	0.03	0.02	0.02	1.82	0.01	0.02	0.06	90.7	0	13
Co	aerosol	0.02	0.01	0.02	1.54	0.01	0.02	0.04	90.7	0	13
Cr	aerosol	0.53	0.10	0.53	1.23	0.38	0.57	0.67	90.7	0	13
Cu	aerosol	0.68	0.27	0.63	1.55	0.23	0.66	1.10	90.7	0	13
Mn	aerosol	1.45	0.57	1.23	1.70	0.28	1.30	2.60	90.7	0	13
Ni	aerosol	0.28	0.11	0.28	1.46	0.12	0.27	0.55	90.7	0	13
Pb	aerosol	0.89	0.63	0.66	2.17	0.15	0.62	2.00	90.7	0	13
V	aerosol	0.41	0.16	0.34	1.91	0.06	0.44	0.57	90.7	0	13
Zn	aerosol	4.78	2.25	3.95	1.81	1.20	4.30	7.60	90.7	0	13

SE0014R RÅVÅl
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.25	0.17	0.24	1.75	0.13	0.19	0.63	86.7	0	13
Cd	aerosol	0.03	0.02	0.03	1.95	0.01	0.03	0.09	86.7	0	13
Co	aerosol	0.02	0.01	0.02	1.60	0.01	0.02	0.05	86.7	0	13
Cr	aerosol	0.39	0.20	0.40	1.52	0.19	0.40	0.91	86.7	0	13
Cu	aerosol	0.76	0.21	0.76	1.31	0.54	0.82	1.20	86.7	0	13
Hg	aerosol	4.70	4.08	3.37	2.36	0.30	3.60	24.80	27.1	0	99
Hg	air+aerosol	1.35	0.19	1.35	1.16	0.90	1.35	2.10	28.2	0	98
Mn	aerosol	1.19	0.47	1.08	1.51	0.46	1.00	2.00	86.7	0	13
Ni	aerosol	0.39	0.14	0.37	1.45	0.19	0.39	0.69	86.7	0	13
Pb	aerosol	1.04	0.89	0.84	2.08	0.30	0.59	3.00	86.7	0	13
V	aerosol	0.73	0.33	0.68	1.56	0.34	0.70	1.50	86.7	0	13
Zn	aerosol	4.60	2.95	4.14	1.80	1.60	3.90	11.00	86.7	0	13

SE0020R Hallahus
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.21	0.08	0.20	1.41	0.11	0.20	0.43	90.4	0	12
Cd	aerosol	0.03	0.02	0.03	1.60	0.01	0.03	0.06	90.4	0	12
Co	aerosol	0.02	0.01	0.02	1.40	0.01	0.02	0.04	90.4	0	12
Cr	aerosol	0.45	0.10	0.44	1.25	0.31	0.46	0.60	90.4	0	12
Cu	aerosol	1.06	0.33	1.02	1.32	0.72	0.93	1.80	90.4	0	12
Hg	air+aerosol	1.34	0.19	1.33	1.16	0.90	1.40	1.70	13.7	0	50
Mn	aerosol	1.40	0.59	1.27	1.52	0.61	1.30	2.60	90.4	0	12
Ni	aerosol	0.26	0.06	0.25	1.26	0.15	0.26	0.37	90.4	0	12
Pb	aerosol	1.19	0.63	1.04	1.62	0.58	1.04	2.60	90.4	0	12
V	aerosol	0.50	0.17	0.47	1.45	0.24	0.46	0.81	90.4	0	12
Zn	aerosol	4.92	1.76	4.64	1.41	2.80	4.85	8.80	90.4	0	12

SI0008R Iskrba
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.21	0.35	0.11	2.51	0.07	0.07	2.97	50.2	135	184
Cd	pm10	0.06	0.06	0.04	2.78	0.01	0.05	0.29	50.2	82	184
Cr	pm10	1.13	0.94	0.84	2.15	0.45	0.45	5.93	50.2	111	184
Cu	pm10	1.21	1.03	0.86	2.26	0.45	0.45	5.06	50.2	113	184
Hg	air	1.02	0.77	0.91	2.41	-0.05	1.00	4.70	23.0	17	84
Ni	pm10	0.50	0.52	0.40	1.77	0.32	0.32	3.39	50.2	159	184
Pb	pm10	1.81	1.93	1.27	2.38	0.07	1.31	18.01	50.2	5	184
Zn	pm10	5.97	5.91	4.43	1.95	3.17	3.17	33.50	50.2	146	184

SK0002R Chopok
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.28	0.36	0.10	5.31	0.00	0.10	1.00	80.0	0	43
Cd	aerosol	0.06	0.15	0.03	2.51	0.00	0.03	1.00	80.0	0	43
Cr	aerosol	0.80	0.35	0.62	2.38	0.03	1.00	1.00	80.0	0	43
Cu	aerosol	0.66	0.52	0.48	2.23	0.10	0.39	1.95	80.0	0	43
Ni	aerosol	0.54	0.37	0.40	2.18	0.11	0.33	1.00	80.0	0	43
Pb	aerosol	1.32	1.37	0.83	2.63	0.14	1.00	8.15	80.0	0	43
Zn	aerosol	3.90	3.57	1.98	4.43	0.02	2.27	14.28	80.0	0	43

SK0004R StarĀj; LesnĀj
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.22	0.19	0.15	3.03	0.01	0.18	1.03	61.9	0	36
Cd	pm10	0.09	0.06	0.07	2.28	0.01	0.08	0.28	66.3	0	39
Cr	pm10	0.18	0.24	0.13	2.96	0.02	0.15	0.83	18.4	0	11
Cu	pm10	1.36	0.85	1.12	2.09	0.11	1.22	3.80	66.3	0	39
Ni	pm10	0.23	0.17	0.22	1.89	0.06	0.24	0.75	38.9	0	24
Pb	pm10	3.68	3.02	2.74	2.32	0.21	2.94	15.88	66.3	0	39
Zn	pm10	8.85	6.28	7.02	2.56	0.56	9.14	25.36	62.7	0	36

SK0006R Starina
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.25	0.18	0.14	4.21	0.01	0.27	0.65	29.6	0	16
Cd	pm10	0.12	0.03	0.11	1.34	0.06	0.11	0.17	29.6	0	16
Cr	pm10	0.33	0.18	0.30	1.84	0.10	0.35	0.66	14.5	0	8
Cu	pm10	1.23	0.37	1.16	1.39	0.53	1.23	1.89	29.6	0	16
Ni	pm10	0.29	0.16	0.24	2.22	0.04	0.33	0.58	24.1	0	13
Pb	pm10	4.18	1.42	3.95	1.39	2.15	3.58	6.62	29.6	0	16
Zn	pm10	7.25	4.53	4.54	3.56	0.48	8.52	13.94	29.6	0	16

SK0007R Topolniki
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.35	0.29	0.23	2.79	0.02	0.26	1.35	72.3	0	39
Cd	pm10	0.11	0.07	0.10	1.79	0.03	0.10	0.34	77.8	0	42
Cr	pm10	0.45	0.22	0.39	1.94	0.07	0.45	0.84	27.7	0	15
Cu	pm10	2.12	0.59	2.02	1.39	0.71	2.19	3.11	77.8	0	42
Ni	pm10	0.40	0.32	0.32	2.20	0.02	0.37	1.90	60.3	0	33
Pb	pm10	6.13	3.75	5.01	1.90	1.18	4.84	16.46	77.8	0	42
Zn	pm10	12.41	9.88	9.28	2.31	1.14	10.15	60.75	74.8	0	40

Annex 3

Annual statistics for POPs in precipitation

BE0014R Koksijde
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.54	0.53	0.42	2.07	0.00	0.40	4.20	96.2	0	176
Cd	pm10	0.15	0.17	0.15	1.74	0.00	0.10	1.40	96.2	0	176
Cr	pm10	1.18	1.09	0.85	2.49	-0.20	1.00	7.60	96.2	0	176
Cu	pm10	4.13	3.40	3.22	1.99	0.60	3.20	21.80	96.2	0	176
Mn	pm10	8.62	8.62	5.96	2.38	0.70	6.10	56.10	96.2	0	176
Ni	pm10	2.78	3.41	1.79	2.55	0.10	1.70	26.00	96.2	0	176
Pb	pm10	5.31	5.18	3.88	2.16	0.70	3.65	34.50	96.2	0	176
Zn	pm10	22.43	23.13	15.08	2.43	1.80	15.25	137.80	96.2	0	176

CY0002R Agia Marina Xyliatou / Cyprus Atmosph...
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	pm10	568.611196.14	281.61	2.94	24.28	302.7312221.79	97.3	0	355		
As	pm10	0.44	0.28	0.37	1.88	0.02	0.41	2.76	97.3	0	355
Cd	pm10	0.10	0.11	0.07	2.20	0.00	0.07	1.21	97.3	0	355
Cr	pm10	1.77	2.27	1.36	1.93	0.14	1.36	34.09	97.3	0	355
Cu	pm10	2.49	2.97	1.77	2.32	0.01	1.81	32.45	97.3	0	355
Fe	pm10	471.75	891.07	254.17	2.91	6.62	292.2210610.45	97.3	0	355	
Mn	pm10	9.03	15.12	5.22	2.88	0.00	5.84	192.38	97.3	0	355
Ni	pm10	2.93	3.15	0.76	13.97	0.00	2.79	41.95	97.3	0	355
Pb	pm10	0.01	0.01	0.00	2.46	0.00	0.00	0.05	97.3	0	355
V	pm10	3.23	2.82	2.37	2.34	0.05	2.59	31.08	97.3	0	355
Zn	pm10	19.25	17.47	13.48	2.54	0.06	13.40	99.86	97.3	0	355

CZ0003R Kosetice (NOAK)
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.60	0.98	0.32	2.86	0.02	0.29	10.50	49.8	3	182
As	pm25	0.54	0.86	0.30	2.77	0.02	0.29	8.94	49.5	3	181
Cd	pm10	0.08	0.08	0.06	2.30	0.01	0.05	0.40	49.8	0	182
Cd	pm25	0.07	0.07	0.05	2.24	0.01	0.04	0.35	49.5	0	181
Co	pm10	0.04	0.03	0.03	2.08	0.00	0.03	0.18	49.8	0	182
Co	pm25	0.02	0.01	0.01	2.03	0.00	0.01	0.10	49.5	1	181
Cr	pm10	0.79	1.19	0.28	5.38	0.03	0.52	13.30	49.8	54	182
Cr	pm25	0.55	0.65	0.22	4.68	0.03	0.31	4.53	49.5	55	181
Cu	pm10	1.37	1.19	1.03	2.26	0.08	1.14	11.70	45.7	5	167
Cu	pm25	0.72	0.96	0.46	2.64	0.08	0.52	10.00	45.4	22	166
Fe	pm10	85.54	75.79	60.82	2.32	7.95	62.20	426.00	49.8	0	182
Fe	pm25	25.70	22.31	17.80	2.57	0.29	18.40	126.00	49.5	2	181
Mn	pm10	3.28	2.31	2.75	1.80	0.59	2.71	22.10	49.8	0	182
Mn	pm25	1.63	1.08	1.35	1.88	0.20	1.37	7.96	49.5	0	181
Ni	pm10	0.44	0.60	0.19	3.90	0.04	0.24	3.49	45.7	52	167
Ni	pm25	0.44	0.46	0.24	3.34	0.04	0.28	2.63	45.4	32	166
Pb	pm10	2.79	2.84	1.95	2.25	0.29	1.79	17.10	49.8	0	182
Pb	pm25	2.49	2.55	1.73	2.26	0.28	1.57	16.00	49.5	0	181
Se	pm10	0.29	0.22	0.20	2.47	0.04	0.22	1.00	49.8	32	182
Se	pm25	0.30	0.22	0.22	2.24	0.04	0.23	1.11	49.5	19	181
V	pm10	0.31	0.28	0.23	2.22	0.03	0.24	1.79	49.8	0	182
V	pm25	0.19	0.19	0.14	2.26	0.01	0.14	1.25	49.5	0	181
Zn	pm10	8.75	8.55	6.28	2.19	0.94	6.17	50.80	49.8	0	182
Zn	pm25	7.57	6.99	5.46	2.25	0.37	5.35	39.60	49.5	0	181

CZ0005R Churanov
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.23	0.54	0.10	3.21	0.02	0.10	5.71	49.8	53	182
Cd	pm10	0.03	0.03	0.02	2.51	0.00	0.02	0.25	49.8	1	182
Co	pm10	0.02	0.03	0.01	3.56	0.00	0.01	0.18	49.8	17	182
Cr	pm10	0.38	0.50	0.13	4.73	0.03	0.03	2.44	49.8	93	182
Cu	pm10	0.80	0.76	0.50	2.96	0.08	0.63	4.92	46.0	29	168
Fe	pm10	56.37	70.50	27.84	3.83	0.29	31.10	432.00	49.8	5	182
Mn	pm10	1.40	1.35	0.85	3.03	0.01	0.94	6.96	49.8	2	182
Ni	pm10	0.25	0.32	0.13	3.15	0.04	0.15	2.07	46.0	60	168
Pb	pm10	1.44	2.27	0.85	2.61	0.09	0.78	19.40	49.8	0	182
Se	pm10	0.13	0.12	0.10	2.24	0.04	0.10	0.68	49.8	83	182
V	pm10	0.20	0.26	0.11	3.45	0.00	0.13	1.92	49.8	2	182
Zn	pm10	4.94	5.40	3.40	2.39	0.15	3.13	40.20	49.8	2	182

DE0001R Westerland
 January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.24	0.27	0.17	2.16	0.05	0.15	1.35	100.0	0	53
Cd	pm10	0.05	0.05	0.03	2.38	0.00	0.03	0.22	100.0	0	53
Co	pm10	0.03	0.02	0.03	1.73	0.01	0.03	0.08	100.0	0	53
Cu	pm10	1.67	0.72	1.53	1.53	0.51	1.56	3.96	100.0	0	53
Fe	pm10	56.98	31.00	49.79	1.72	15.77	52.40	179.79	100.0	0	53
Mn	pm10	1.55	0.89	1.32	1.79	0.38	1.39	4.79	100.0	0	53
Mo	pm10	0.12	0.07	0.10	1.76	0.03	0.10	0.40	100.0	0	53
Ni	pm10	0.52	0.29	0.43	1.94	0.07	0.46	1.30	100.0	0	53
Pb	pm10	1.78	1.87	1.27	2.19	0.22	1.15	9.89	100.0	0	53
Sb	pm10	0.25	0.16	0.22	1.80	0.04	0.19	0.69	100.0	0	53
Se	pm10	0.43	0.21	0.38	1.65	0.12	0.39	1.00	100.0	0	53
Tl	pm10	0.01	0.01	0.01	2.16	0.00	0.01	0.06	100.0	0	53
V	pm10	0.57	0.31	0.47	1.96	0.10	0.55	1.34	100.0	0	53
Zn	pm10	6.49	6.03	4.68	2.19	0.88	3.98	26.74	100.0	0	53

DE0002R Waldhof
 January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.42	0.49	0.28	2.18	0.11	0.23	2.07	100.0	0	53
Cd	pm10	0.09	0.08	0.07	1.92	0.03	0.06	0.47	100.0	0	53
Co	pm10	0.04	0.02	0.03	1.63	0.01	0.03	0.13	100.0	0	53
Cu	pm10	2.46	2.41	2.25	1.67	1.10	2.04	17.58	100.0	0	53
Fe	pm10	83.72	36.68	77.00	1.51	37.98	74.57	181.59	100.0	0	53
Mn	pm10	2.39	1.11	2.18	1.52	0.99	2.14	5.40	100.0	0	53
Mo	pm10	0.24	0.17	0.20	1.81	0.08	0.18	0.84	100.0	0	53
Ni	pm10	0.38	0.26	0.31	1.92	0.04	0.32	1.44	98.1	0	52
Pb	pm10	3.47	3.47	2.60	2.01	0.98	2.25	17.24	100.0	0	53
Sb	pm10	0.41	0.23	0.36	1.61	0.18	0.34	1.17	100.0	0	53
Se	pm10	0.52	0.29	0.47	1.57	0.23	0.43	1.42	100.0	0	53
Hg (TGM)	air	1.57	0.23	1.55	1.14	1.16	1.52	2.92	96.4	0	352
Tl	pm10	0.02	0.03	0.02	2.00	0.01	0.01	0.18	100.0	0	53
V	pm10	0.33	0.17	0.29	1.59	0.09	0.30	1.17	100.0	0	53
Zn	pm10	13.24	11.68	10.50	1.88	3.80	10.14	59.87	100.0	0	53

DE0003R Schauinsland
 January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.09	0.06	0.06	2.64	0.00	0.07	0.28	100.0	0	53
Cd	pm10	0.02	0.01	0.02	2.01	0.00	0.02	0.06	100.0	0	53
Co	pm10	0.03	0.02	0.02	2.96	0.00	0.02	0.07	100.0	0	53
Cu	pm10	1.21	0.82	0.90	2.33	0.11	1.07	3.34	100.0	0	53
Fe	pm10	59.33	49.02	33.25	3.69	1.21	45.19	174.70	100.0	0	53
Mn	pm10	1.46	1.11	0.91	3.20	0.04	1.23	4.13	98.1	0	52
Mo	pm10	0.10	0.07	0.07	2.12	0.01	0.08	0.27	100.0	0	53
Ni	pm10	0.21	0.24	0.13	2.71	0.04	0.15	1.40	100.0	0	53
Pb	pm10	1.10	0.81	0.87	1.98	0.20	0.99	4.93	100.0	0	53
Sb	pm10	0.17	0.11	0.14	2.02	0.03	0.15	0.47	98.1	0	52
Se	pm10	0.15	0.09	0.12	1.98	0.02	0.14	0.39	100.0	0	53
Hg (TGM)	air	1.33	0.16	1.32	1.12	0.97	1.31	1.88	95.3	0	348
Tl	pm10	0.01	0.01	0.00	2.37	0.00	0.00	0.03	100.0	0	53
V	pm10	0.26	0.26	0.14	3.73	0.00	0.17	1.05	100.0	0	53
Zn	pm10	4.12	2.57	3.21	2.12	0.38	3.93	10.06	100.0	0	53

DE0007R Neuglobsow
 January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.62	1.14	0.30	2.88	0.09	0.20	7.28	100.0	0	53
Cd	pm10	0.09	0.09	0.07	1.96	0.02	0.06	0.46	100.0	0	53
Co	pm10	0.03	0.02	0.02	1.95	0.00	0.02	0.13	100.0	0	53
Cu	pm10	1.65	1.52	1.47	1.73	0.57	1.33	10.62	100.0	0	53
Fe	pm10	55.59	31.27	49.30	1.62	24.65	50.42	188.58	100.0	0	53
Mn	pm10	1.84	1.00	1.63	1.59	0.67	1.67	5.68	100.0	0	53
Mo	pm10	0.14	0.09	0.12	1.79	0.04	0.11	0.43	100.0	0	53
Ni	pm10	0.24	0.22	0.16	2.60	0.04	0.18	1.00	98.1	0	52
Pb	pm10	3.26	3.83	2.25	2.14	0.65	2.02	19.73	100.0	0	53
Sb	pm10	0.34	0.24	0.29	1.71	0.13	0.25	1.09	100.0	0	53
Se	pm10	0.45	0.33	0.39	1.68	0.18	0.35	1.75	100.0	0	53
Tl	pm10	0.02	0.04	0.01	2.52	0.00	0.01	0.21	100.0	0	53
V	pm10	0.31	0.18	0.27	1.63	0.10	0.28	1.25	100.0	0	53
Zn	pm10	10.07	9.27	7.80	1.93	2.96	6.72	44.00	100.0	0	53

DE0008R Schmäcke
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.19	0.29	0.13	2.27	0.03	0.11	1.94	100.0	0	53
Cd	pm10	0.04	0.03	0.04	1.73	0.01	0.03	0.21	100.0	0	53
Co	pm10	0.02	0.02	0.02	2.46	0.00	0.02	0.06	100.0	0	53
Cu	pm10	1.80	1.83	1.42	2.14	0.16	1.66	11.67	100.0	0	53
Fe	pm10	55.59	36.73	39.57	2.57	3.84	53.96	131.76	100.0	0	53
Mn	pm10	1.49	0.91	1.14	2.25	0.13	1.29	3.56	100.0	0	53
Mo	pm10	0.15	0.08	0.12	1.85	0.02	0.14	0.33	100.0	0	53
Ni	pm10	0.30	0.27	0.20	2.61	0.04	0.27	1.40	100.0	0	53
Pb	pm10	1.66	1.29	1.40	1.72	0.59	1.41	9.35	100.0	0	53
Sb	pm10	0.26	0.14	0.22	1.75	0.08	0.23	0.75	100.0	0	53
Se	pm10	0.40	0.19	0.36	1.69	0.08	0.40	1.12	100.0	0	53
Hg (TGM)	air	1.50	0.16	1.49	1.11	1.13	1.48	2.20	99.7	0	364
Tl	pm10	0.01	0.01	0.01	1.90	0.00	0.01	0.09	100.0	0	53
V	pm10	0.19	0.13	0.13	2.73	0.00	0.18	0.50	100.0	0	53
Zn	pm10	6.03	4.20	4.88	1.95	1.21	5.02	24.37	100.0	0	53

DE0009R Zingst
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.45	0.90	0.23	2.57	0.07	0.19	5.55	100.0	0	53
Cd	pm10	0.07	0.08	0.05	2.19	0.01	0.04	0.47	100.0	0	53
Co	pm10	0.04	0.02	0.03	1.67	0.01	0.03	0.12	100.0	0	53
Cu	pm10	1.50	0.79	1.34	1.59	0.61	1.31	3.98	97.8	0	51
Fe	pm10	50.38	31.90	43.55	1.71	15.09	43.63	210.31	100.0	0	53
Mn	pm10	1.58	0.95	1.38	1.68	0.48	1.32	6.02	100.0	0	53
Mo	pm10	0.11	0.07	0.09	1.83	0.03	0.09	0.36	100.0	0	53
Ni	pm10	0.81	0.64	0.67	1.71	0.24	0.66	4.63	100.0	0	53
Pb	pm10	2.70	3.74	1.73	2.30	0.58	1.53	21.16	100.0	0	53
Sb	pm10	0.31	0.25	0.25	1.87	0.11	0.21	1.35	100.0	0	53
Se	pm10	0.40	0.25	0.35	1.62	0.16	0.35	1.55	100.0	0	53
Hg (TGM)	air	1.48	0.21	1.47	1.13	1.07	1.45	2.91	99.4	0	363
Tl	pm10	0.02	0.04	0.01	2.67	0.00	0.01	0.26	100.0	0	53
V	pm10	1.19	0.79	0.97	1.91	0.21	0.99	3.52	100.0	0	53
Zn	pm10	8.53	9.47	6.01	2.20	1.63	5.62	48.41	100.0	0	53

DK0008R Anholt
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.25	0.53	0.15	2.29	-0.01	0.14	5.70	97.5	3	357
Cd	aerosol	0.03	0.06	0.02	2.94	-0.00	0.02	0.47	97.5	5	357
Ni	aerosol	0.48	0.73	0.29	3.22	-0.15	0.30	8.70	97.5	35	357
Pb	aerosol	1.16	2.40	0.50	3.52	-0.11	0.50	24.87	97.5	6	357

DK0010G Villum Research Station, Station Nord
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.04	0.08	0.02	3.26	-0.00	0.02	0.44	90.4	5	48
Cd	aerosol	0.01	0.01	0.00	2.98	0.00	0.00	0.04	90.4	34	48
Hg	air	0.81	0.27	0.74	1.64	0.05	0.90	1.61	44.1	0	3860
Ni	aerosol	0.06	0.10	0.03	3.33	-0.01	0.04	0.58	90.4	4	48
Pb	aerosol	0.20	0.38	0.07	4.09	0.00	0.07	2.09	90.4	2	48

DK0012R Risoe
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.36	0.73	0.20	2.49	0.02	0.20	7.36	96.7	0	354
Cd	aerosol	0.05	0.07	0.03	2.78	0.00	0.03	0.52	96.4	1	353
Ni	aerosol	0.59	2.93	0.36	2.66	-0.06	0.38	53.97	96.7	3	354
Pb	aerosol	1.72	2.86	0.90	2.99	0.02	0.90	25.38	96.7	0	354

EE0009R Lahemaa
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.10	0.07	0.08	1.97	0.04	0.09	0.30	95.5	18	50
Cd	pm10	0.03	0.03	0.03	1.97	0.01	0.01	0.12	95.5	29	50
Hg	air	1.17	0.35	1.11	1.38	0.50	1.17	2.75	98.1	390	8590
Ni	pm10	0.38	0.59	0.21	2.87	0.05	0.24	3.85	95.5	13	50
Pb	pm10	0.92	0.59	0.73	2.14	0.05	0.78	2.44	95.5	1	50

ES0001R San Pablo de los Montes
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.20	0.14	0.16	1.98	0.05	0.16	0.77	16.4	9	60
Cd	pm10	0.02	0.02	0.02	1.91	0.01	0.02	0.08	16.4	29	60
Cr	pm10	1.21	0.89	0.99	1.88	0.24	0.99	6.00	16.4	9	60
Ni	pm10	0.71	0.60	0.56	1.94	0.20	0.57	3.84	16.4	6	60
Pb	pm10	1.44	1.42	1.01	2.34	0.12	0.95	7.34	16.4	0	60
Zn	pm10	5.90	3.42	5.05	1.78	1.14	5.21	20.48	16.4	0	60

ES0007R VÄ-znar
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.20	0.20	0.15	2.18	0.05	0.16	1.41	16.4	15	60
Cd	pm10	0.03	0.02	0.02	1.95	0.01	0.02	0.09	16.4	25	60
Cr	pm10	1.37	1.41	1.02	2.19	0.20	1.23	10.80	16.4	4	60
Ni	pm10	1.71	1.23	1.39	1.93	0.23	1.58	7.03	16.4	2	60
Pb	pm10	1.46	1.10	1.17	1.98	0.20	1.25	5.62	16.4	0	60
Zn	pm10	6.16	2.80	5.66	1.51	1.94	5.70	19.45	16.4	0	60

ES0008R Niembro
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.19	0.15	0.14	2.19	0.05	0.15	0.83	16.4	17	60
Cd	pm10	0.13	0.12	0.09	2.63	0.01	0.10	0.60	16.4	3	60
Cr	pm10	1.02	0.50	0.90	1.72	0.21	1.00	2.87	16.4	12	60
Ni	pm10	0.64	0.45	0.53	1.81	0.21	0.47	2.38	16.4	5	60
Pb	pm10	3.85	4.48	2.40	2.69	0.27	2.50	26.53	16.4	0	60
Hg (TGM)	air	0.56	0.09	0.56	1.15	0.30	0.57	1.47	45.0	0	3938
Zn	pm10	20.62	23.01	13.89	2.35	2.58	13.34	135.37	16.4	0	60

ES0009R Campisabalos
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.15	0.15	0.11	2.10	0.05	0.12	1.08	16.4	23	60
Cd	pm10	0.02	0.01	0.01	1.79	0.01	0.01	0.06	16.4	41	60
Cr	pm10	1.06	0.99	0.89	1.69	0.22	0.78	7.83	16.4	22	60
Cu	pm10	2.46	1.62	2.01	1.91	0.57	1.97	7.12	16.4	0	60
Ni	pm10	0.54	0.58	0.45	1.68	0.21	0.42	4.59	16.4	19	60
Pb	pm10	0.91	0.75	0.66	2.35	0.10	0.73	3.72	16.4	1	60
Zn	pm10	5.31	2.65	4.74	1.61	2.19	4.62	13.54	16.4	2	60

ES0014R Els Torns
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.15	0.09	0.13	1.94	0.05	0.14	0.41	16.4	17	60
Cd	pm10	0.03	0.02	0.02	2.10	0.01	0.02	0.10	16.4	24	60
Cr	pm10	0.70	0.22	0.66	1.48	0.20	0.78	1.56	16.4	40	60
Cu	pm10	3.82	1.76	3.51	1.49	1.37	3.50	10.16	13.7	0	50
Ni	pm10	0.71	0.45	0.60	1.74	0.24	0.49	2.15	16.4	18	60
Pb	pm10	1.19	0.80	0.91	2.19	0.14	1.00	3.20	16.4	0	60
Zn	pm10	4.75	4.23	3.59	2.03	0.99	2.64	19.66	16.4	16	60

FI0018R Virolahti III
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	pm10	66.84	74.30	39.53	2.83	4.19	37.82	362.31	99.9	0	53
As	pm10	0.17	0.10	0.15	1.56	0.04	0.15	0.75	99.9	0	53
Cd	pm10	0.03	0.02	0.03	1.69	0.01	0.03	0.14	99.9	0	53
Co	pm10	0.02	0.01	0.02	1.70	0.01	0.02	0.06	99.9	0	53
Cr	pm10	0.23	0.19	0.14	3.72	0.01	0.21	0.96	99.9	8	53
Cu	pm10	0.52	0.26	0.48	1.57	0.14	0.47	1.65	99.9	0	53
Fe	pm10	54.62	56.67	35.74	2.46	5.63	31.09	265.33	99.9	0	53
Mn	pm10	1.21	0.80	1.01	1.80	0.27	0.89	3.71	99.9	0	53
Ni	pm10	0.28	0.16	0.21	2.76	0.00	0.29	0.74	99.9	2	53
Pb	pm10	1.05	0.51	0.93	1.65	0.24	0.95	2.34	99.9	0	53
V	pm10	0.62	0.36	0.52	1.85	0.14	0.62	1.98	99.9	0	53
Zn	pm10	4.48	1.82	4.11	1.52	1.40	4.23	9.52	99.9	0	53

FI0036R Pallas (Matorova)
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	pm10	7.92	7.70	5.31	2.47	0.87	5.19	39.07	100.0	0	53
As	pm10	0.11	0.13	0.07	2.50	0.01	0.06	0.80	100.0	0	53
Cd	pm10	0.01	0.01	0.01	2.28	0.00	0.01	0.08	100.0	1	53
Co	pm10	0.01	0.01	0.01	2.51	0.00	0.01	0.08	100.0	2	53
Cr	pm10	0.12	0.19	0.05	4.15	0.00	0.07	1.16	100.0	13	53
Cu	pm10	0.37	0.44	0.21	2.98	0.02	0.21	2.62	100.0	0	53
Fe	pm10	8.79	6.07	7.10	1.94	0.84	7.07	30.12	100.0	0	53
Hg	aerosol	1.57	1.64	1.16	2.07	0.30	1.10	8.70	93.8	0	49
Hg	air+aerosol	1.35	0.27	1.32	1.25	0.50	1.40	2.10	22.7	0	83
Mn	pm10	0.27	0.18	0.21	2.05	0.02	0.20	0.80	100.0	0	53
Ni	pm10	0.25	0.34	0.12	3.51	0.00	0.11	2.13	100.0	1	53
Pb	pm10	0.45	0.37	0.33	2.35	0.04	0.37	1.71	100.0	0	53
V	pm10	0.22	0.24	0.13	2.75	0.02	0.11	0.98	100.0	0	53
Zn	pm10	1.16	0.90	0.93	1.98	0.09	0.98	5.77	100.0	0	53

FI0050R Hyytiälä
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	pm10	22.38	20.84	15.40	2.47	1.13	14.73	110.96	94.1	0	50
As	pm10	0.16	0.10	0.14	1.60	0.05	0.13	0.64	94.1	0	50
Cd	pm10	0.03	0.01	0.02	1.65	0.01	0.03	0.08	94.1	0	50
Co	pm10	0.03	0.05	0.02	2.14	0.00	0.02	0.35	94.1	0	50
Cr	pm10	0.20	0.25	0.12	3.29	0.01	0.14	1.58	94.1	6	50
Cu	pm10	0.41	0.19	0.38	1.54	0.15	0.38	1.03	94.1	0	50
Fe	pm10	19.84	14.21	16.10	1.91	4.17	15.55	75.40	94.1	0	50
Mn	pm10	0.79	0.33	0.73	1.51	0.32	0.72	1.72	94.1	0	50
Ni	pm10	0.18	0.08	0.16	1.56	0.06	0.17	0.47	94.1	1	50
Pb	pm10	0.74	0.44	0.63	1.80	0.17	0.66	2.30	94.1	0	50
V	pm10	0.25	0.15	0.21	1.83	0.05	0.25	0.84	94.1	0	50
Zn	pm10	3.74	1.81	3.35	1.64	1.24	3.46	8.04	94.1	0	50

FR0009R Revin
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.25	0.14	0.21	1.61	0.08	0.21	0.67	84.7	0	24
Cd	pm10	0.09	0.04	0.08	1.65	0.03	0.09	0.20	92.1	0	26
Ni	pm10	0.66	0.28	0.60	1.53	0.24	0.57	1.32	83.1	0	23
Pb	pm10	3.64	1.40	3.21	1.59	0.90	3.43	6.10	92.1	0	26

FR0013R Peyrusse Vieille
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.20	0.13	0.17	1.77	0.08	0.13	0.62	88.7	0	24
Cd	pm10	0.04	0.02	0.03	1.70	0.02	0.03	0.11	88.7	0	24
Ni	pm10	0.44	0.28	0.38	1.76	0.13	0.35	1.26	88.7	0	24
Pb	pm10	1.49	0.84	1.29	1.64	0.66	1.17	3.87	88.7	0	24

FR0023R Saint-Nazaire-le-Désert
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.14	0.08	0.12	1.70	0.05	0.12	0.34	100.0	0	27
Cd	pm10	0.04	0.02	0.03	1.53	0.01	0.04	0.07	100.0	0	27
Ni	pm10	0.41	0.25	0.32	2.21	0.02	0.38	1.03	100.0	2	27
Pb	pm10	1.37	0.55	1.25	1.49	0.54	1.17	2.76	100.0	0	27

FR0024R Guipry
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.28	0.13	0.26	1.50	0.11	0.25	0.64	92.6	0	25
Cd	pm10	0.06	0.04	0.05	2.07	0.01	0.06	0.19	100.0	0	27
Ni	pm10	1.05	0.45	0.93	1.56	0.32	0.95	2.35	96.2	0	26
Pb	pm10	1.75	0.90	1.57	1.66	0.46	1.57	4.64	100.0	0	27

FR0025R Verneuil
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.23	0.16	0.19	1.65	0.11	0.17	0.73	88.2	0	24
Cd	pm10	0.06	0.04	0.05	1.83	0.02	0.05	0.20	95.9	0	26
Ni	pm10	0.45	0.21	0.40	1.59	0.15	0.44	1.19	88.2	1	24
Pb	pm10	1.80	1.13	1.57	1.69	0.61	1.53	6.16	95.9	0	26

GB0013R Yarner Wood
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.39	0.19	0.37	1.53	0.20	0.39	0.81	100.0	0	14
Cd	pm10	0.05	0.02	0.05	1.64	0.02	0.05	0.10	100.0	0	14
Cr	pm10	0.97	0.23	0.95	1.33	0.50	1.10	1.20	100.0	14	14
Cu	pm10	1.03	0.45	0.95	1.54	0.49	1.06	2.17	100.0	0	14
Ni	pm10	0.47	0.18	0.43	1.46	0.21	0.43	0.85	100.0	1	14
Pb	pm10	1.63	0.78	1.53	1.60	0.76	1.57	3.20	100.0	0	14
Zn	pm10	3.91	1.55	3.68	1.61	1.19	4.07	6.44	100.0	0	14

GB0017R Heigham Holmes
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.57	0.24	0.55	1.46	0.34	0.52	1.07	100.0	0	14
Cd	pm10	0.09	0.05	0.09	1.48	0.05	0.08	0.22	100.0	0	14
Cr	pm10	1.29	0.66	1.15	1.82	0.20	1.10	3.10	100.0	9	14
Cu	pm10	2.23	0.74	2.15	1.35	1.41	2.17	4.27	100.0	0	14
Ni	pm10	0.64	0.24	0.60	1.49	0.30	0.62	1.12	100.0	0	14
Pb	pm10	4.00	1.69	3.88	1.44	2.37	3.76	8.17	100.0	0	14
Zn	pm10	10.39	4.50	9.77	1.50	5.80	9.68	20.99	100.0	0	14

GB0048R Auchencorth Moss
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.20	0.09	0.18	1.55	0.10	0.16	0.44	100.0	0	14
Cd	pm10	0.03	0.01	0.02	1.65	0.01	0.03	0.05	100.0	0	14
Co	pm10	0.02	0.01	0.02	1.62	0.01	0.02	0.04	100.0	0	14
Cr	pm10	1.06	0.41	1.00	1.47	0.40	1.10	2.20	100.0	13	14
Cu	pm10	0.90	0.31	0.82	1.45	0.44	0.90	1.51	100.0	0	14
Fe	pm10	36.07	26.16	29.54	2.00	6.40	30.35	106.10	100.0	1	14
Hg	air	1.37	0.13	1.36	1.09	0.98	1.35	2.41	53.8	0	4176
Hg	pm25	3.10	2.31	2.53	1.84	0.84	2.34	16.23	3.8	0	166
Mn	pm10	0.99	0.54	0.87	1.60	0.36	0.90	2.53	100.0	0	14
Ni	pm10	0.22	0.12	0.18	1.80	0.07	0.17	0.46	100.0	10	14
Pb	pm10	1.04	0.45	0.95	1.54	0.47	0.97	2.04	100.0	0	14
Hg (RGM)	air	1.39	0.89	1.21	1.64	0.23	1.05	6.33	3.7	2	163
Se	pm10	0.26	0.07	0.25	1.28	0.16	0.24	0.44	100.0	14	14
V	pm10	0.32	0.12	0.30	1.43	0.13	0.29	0.66	100.0	0	14
Zn	pm10	2.72	1.40	2.30	1.75	1.02	2.44	5.11	100.0	0	14

GB1055R Chilbolton Observatory
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.62	0.30	0.59	1.50	0.37	0.55	1.34	100.0	0	14
Cd	pm10	0.11	0.05	0.10	1.53	0.06	0.09	0.22	100.0	0	14
Co	pm10	0.04	0.02	0.04	1.57	0.02	0.04	0.10	100.0	0	14
Cr	pm10	1.03	0.51	0.94	1.88	0.20	1.10	2.20	100.0	13	14
Cu	pm10	2.51	1.11	2.35	1.52	1.20	2.27	4.59	100.0	0	14
Fe	pm10	85.49	29.85	80.05	1.47	39.10	84.40	149.00	100.0	0	14
Mn	pm10	2.11	0.68	1.98	1.37	1.16	1.95	3.64	100.0	0	14
Ni	pm10	0.64	0.35	0.55	1.74	0.17	0.53	1.30	100.0	1	14
Pb	pm10	3.84	2.23	3.49	1.64	1.85	3.23	8.48	100.0	0	14
Se	pm10	0.43	0.07	0.42	1.17	0.33	0.42	0.53	100.0	13	14
Hg (TGM)	air	1.41	0.18	1.40	1.12	1.01	1.37	3.57	70.1	0	6143
V	pm10	0.71	0.23	0.66	1.39	0.34	0.65	1.09	100.0	0	14
Zn	pm10	8.66	3.92	8.00	1.55	3.16	7.73	18.31	100.0	0	14

HU0002R K-pusztta
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Cd	aerosol	0.17	0.18	0.14	2.14	0.00	0.15	1.46	94.4	1	65
Pb	aerosol	6.96	4.46	6.31	1.78	1.84	6.32	23.73	93.6	0	64

IS0002R Irafoss
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Fe	aerosol	122.61	272.21	23.80	6.22	1.00	20.00	1970.00	95.5	67	349

IS0091R Storhofdi
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	aerosol	233.45	202.34	149.74	2.38	40.60	131.21	707.36	88.4	0	22
As	aerosol	0.04	0.03	0.04	1.86	0.01	0.03	0.12	88.4	0	22
Cd	aerosol	0.00	0.00	0.00	1.94	0.00	0.00	0.02	88.4	0	22
Co	aerosol	0.13	0.12	0.08	2.32	0.03	0.07	0.44	88.4	0	22
Cr	aerosol	0.54	0.54	0.36	2.32	0.10	0.31	2.02	88.4	0	22
Cu	aerosol	0.50	0.35	0.41	1.89	0.13	0.38	1.40	88.4	0	22
Fe	aerosol	333.71	313.68	196.78	2.59	45.30	165.79	1143.46	88.4	0	22
Hg	aerosol	2.62	2.19	1.81	2.39	0.30	1.57	8.25	88.4	0	22
Mn	aerosol	5.65	5.14	3.49	2.46	0.89	3.00	18.58	88.4	0	22
Ni	aerosol	0.58	0.46	0.43	2.10	0.12	0.41	2.10	88.4	0	22
Pb	aerosol	0.11	0.11	0.09	1.96	0.03	0.09	0.55	88.4	0	22
V	aerosol	1.16	0.97	0.76	2.32	0.22	0.65	3.62	88.4	0	22
Zn	aerosol	1.22	0.71	1.01	1.78	0.36	1.06	3.27	88.4	0	22

IT0019R Monte Martano
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	pm10	145.54	198.85	63.54	4.12	5.00	69.00	838.20	19.2	0	35
As	pm10	0.11	0.10	0.06	3.17	0.01	0.07	0.39	19.2	0	35
Ba	pm10	2.71	3.38	1.37	3.41	0.25	1.45	14.10	19.2	0	35
Cd	pm10	0.03	0.03	0.02	2.37	0.01	0.02	0.14	19.2	0	35
Co	pm10	0.08	0.08	0.05	2.50	0.02	0.06	0.34	19.2	0	35
Cr	pm10	1.13	0.73	0.86	2.29	0.25	1.19	2.88	19.2	0	35
Cu	pm10	4.16	3.95	2.56	3.03	0.50	3.38	20.60	19.2	0	35
Fe	pm10	131.60	145.44	74.87	3.22	5.00	78.90	624.70	19.2	0	35
La	pm10	0.13	0.17	0.06	3.33	0.02	0.04	0.69	19.2	0	35
Mn	pm10	3.69	3.48	2.35	2.86	0.25	2.27	15.11	19.2	0	35
Mo	pm10	0.30	0.11	0.28	1.34	0.25	0.25	0.59	19.2	0	35
Ni	pm10	0.83	0.63	0.61	2.22	0.25	0.66	2.10	19.2	0	35
Pb	pm10	1.46	0.98	1.11	2.24	0.25	1.23	3.66	19.2	0	35
Sb	pm10	0.08	0.06	0.05	2.42	0.02	0.07	0.19	19.2	0	35
Sn	pm10	0.76	0.49	0.60	2.08	0.25	0.72	1.79	19.2	0	35
Sr	pm10	1.16	1.07	0.86	2.08	0.50	0.50	4.81	19.2	0	35
Ti	pm10	4.76	5.81	2.14	4.14	0.25	2.51	23.20	19.2	0	35
V	pm10	1.27	1.33	0.70	3.48	0.05	0.84	5.10	19.2	0	35
Zn	pm10	9.95	9.10	7.50	1.99	5.00	5.00	35.00	19.2	0	35

IV0010R Rucava
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.18	0.13	0.14	2.43	0.00	0.18	0.56	51.8	5	27
Cd	pm10	0.05	0.04	0.04	1.95	0.00	0.04	0.19	51.8	2	27
Ni	pm10	0.47	0.70	0.26	2.89	0.00	0.25	2.85	51.8	18	27
Pb	pm10	0.97	0.85	0.62	3.18	0.00	0.67	3.05	51.8	8	27

NL0008R Bilthoven
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.44	0.55	0.34	2.01	-0.11	0.34	6.11	43.6	118	160
Cd	pm10	0.11	0.12	0.08	2.12	0.02	0.07	0.80	43.6	144	160
Ni	pm10	0.92	0.72	0.77	1.77	0.25	0.78	5.44	43.6	84	160
Pb	pm10	4.16	3.66	3.21	2.11	0.51	3.20	21.17	43.6	40	160
Zn	pm10	31.34	13.02	29.24	1.45	13.42	28.20	76.90	43.6	35	160

NL0644R Cabauw Wielsekade
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm25	0.41	0.55	0.32	2.07	-0.07	0.31	4.85	22.8	64	84
Cd	pm25	0.09	0.07	0.08	1.87	0.02	0.07	0.45	22.8	80	84
Ni	pm25	0.84	1.08	0.61	2.03	0.14	0.56	8.17	22.5	64	83
Pb	pm25	4.67	5.00	3.41	2.27	0.45	3.18	27.23	22.8	26	84
Zn	pm25	24.53	10.65	22.75	1.49	10.67	21.70	60.94	22.8	46	84

NO0002R Birkenes II
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.14	0.13	0.10	2.61	0.01	0.12	0.83	94.2	3	49
Cd	pm10	0.02	0.02	0.01	2.26	0.00	0.02	0.14	94.2	0	49
Co	pm10	0.01	0.01	0.01	2.32	0.00	0.01	0.04	94.2	11	49
Cr	pm10	2.91	0.99	2.75	1.40	0.89	2.57	6.01	94.2	43	49
Cu	pm10	0.31	0.24	0.24	2.03	0.09	0.21	1.19	94.2	21	49
Hg	air	1.19	0.18	1.18	1.15	0.86	1.18	1.96	2.3	0	200
Ni	pm10	0.15	0.10	0.12	2.21	0.03	0.13	0.41	94.2	9	49
Pb	pm10	0.54	0.72	0.33	2.66	0.02	0.35	3.99	94.2	1	49
V	pm10	0.20	0.16	0.13	2.98	0.01	0.18	0.67	94.2	0	49
Zn	pm10	3.15	4.32	1.93	2.67	0.08	2.04	22.60	94.2	1	49
Hg (GEM)	air	1.45	0.21	1.43	1.16	0.64	1.44	2.56	92.1	0	8071

NO0042G Zeppelin mountain (Ny-Ålesund)
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.06	0.10	0.03	3.96	0.00	0.03	0.53	23.3	0	42
Cd	aerosol	0.01	0.02	0.01	3.45	0.00	0.01	0.11	23.3	0	42
Co	aerosol	0.02	0.03	0.01	3.20	0.00	0.01	0.13	23.3	6	42
Cr	aerosol	0.29	0.38	0.15	3.01	0.03	0.13	1.44	23.3	7	42
Cu	aerosol	0.28	0.47	0.15	2.93	0.03	0.14	2.89	23.3	7	42
Mn	aerosol	0.86	1.12	0.50	2.54	0.09	0.41	5.86	23.3	0	42
Ni	aerosol	0.36	0.65	0.14	3.51	0.01	0.12	3.35	23.3	4	42
Pb	aerosol	0.28	0.48	0.10	4.97	0.00	0.15	2.84	23.3	4	42
V	aerosol	0.09	0.13	0.04	3.29	0.00	0.05	0.61	23.3	5	42
Zn	aerosol	1.57	1.38	0.98	3.04	0.08	1.26	6.25	23.3	4	42
Hg (GEM)	air	1.43	0.25	1.39	1.27	0.19	1.45	2.73	96.1	0	8420

NO0090R Andøya
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.04	0.05	0.02	2.75	0.00	0.02	0.24	26.6	0	48
Cd	aerosol	0.01	0.02	0.00	3.35	0.00	0.00	0.10	26.6	3	48
Co	aerosol	0.01	0.02	0.01	2.49	0.00	0.01	0.10	26.6	0	48
Cr	aerosol	0.14	0.13	0.11	2.19	0.04	0.12	0.69	26.6	12	48
Cu	aerosol	0.51	0.43	0.36	2.41	0.08	0.39	1.69	26.6	6	48
Mn	aerosol	0.54	0.72	0.33	2.80	0.03	0.37	4.84	26.6	4	48
Ni	aerosol	0.18	0.14	0.15	1.75	0.04	0.15	0.84	26.6	23	48
Pb	aerosol	0.22	0.34	0.12	3.04	0.01	0.11	1.90	26.6	0	48
V	aerosol	0.13	0.16	0.09	2.19	0.02	0.07	0.76	26.6	0	48
Zn	aerosol	0.97	0.98	0.71	2.11	0.28	0.69	5.12	26.6	13	48
Hg (GEM)	air	1.40	0.10	1.40	1.08	0.74	1.40	1.87	95.3	0	8350

PL0005R Diabla Gora
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.36	0.31	0.27	2.16	0.10	0.25	1.50	85.5	0	52
Cd	pm10	0.10	0.07	0.07	2.39	0.01	0.07	0.30	85.5	0	52
Cr	pm10	0.38	0.57	0.25	2.27	0.07	0.24	3.25	85.5	0	52
Cu	pm10	2.23	2.30	1.34	3.10	0.02	1.29	10.22	85.5	0	52
Ni	pm10	0.29	0.20	0.21	2.46	0.01	0.26	1.00	85.5	0	52
Pb	pm10	2.64	2.23	1.81	2.69	0.00	1.90	10.10	85.5	0	52
TGM	air	1.07	0.47	0.99	1.52	0.50	1.00	2.40	13.7	5	50
Zn	pm10	12.14	9.27	8.87	2.33	1.10	8.45	35.50	85.5	0	52

PL0009R Zielonka
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.60	0.64	0.36	2.85	0.10	0.40	2.60	78.9	0	48
Cd	pm10	0.12	0.11	0.09	2.15	0.03	0.08	0.51	78.9	0	48
Ni	pm10	0.77	0.63	0.59	2.10	0.20	0.65	3.36	78.9	0	48
Pb	pm10	4.15	4.32	2.91	2.25	0.80	2.70	21.20	78.9	0	48

RU0002R Amderma
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Hg (TGM)	air	1.05	0.25	1.01	1.31	0.00	1.04	2.23	23.3	0	3897

SE0005R BredkÄhlen
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.04	0.02	0.04	1.45	0.02	0.04	0.08	98.4	0	12
Cd	aerosol	0.01	0.01	0.01	1.66	0.00	0.01	0.02	98.4	0	12
Co	aerosol	0.01	0.01	0.01	1.30	0.00	0.01	0.02	98.4	0	12
Cr	aerosol	0.21	0.09	0.20	1.42	0.13	0.18	0.47	98.4	0	12
Cu	aerosol	0.14	0.08	0.12	1.86	0.06	0.15	0.29	98.4	0	12
Hg	air+aerosol	1.37	0.19	1.36	1.16	0.90	1.40	1.80	12.9	0	47
Mn	aerosol	0.43	0.21	0.38	1.68	0.17	0.48	0.85	98.4	0	12
Ni	aerosol	0.10	0.02	0.10	1.19	0.07	0.10	0.14	98.4	0	12
Pb	aerosol	0.23	0.17	0.19	1.81	0.09	0.17	0.66	98.4	0	12
V	aerosol	0.08	0.05	0.07	2.04	0.02	0.09	0.18	98.4	0	12
Zn	aerosol	0.93	0.46	0.84	1.59	0.39	0.93	2.20	98.4	0	12

SE0012R Aspvreten
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.29	0.10	0.26	1.51	0.10	0.27	0.43	90.7	0	13
Cd	aerosol	0.03	0.02	0.02	1.82	0.01	0.02	0.06	90.7	0	13
Co	aerosol	0.02	0.01	0.02	1.54	0.01	0.02	0.04	90.7	0	13
Cr	aerosol	0.53	0.10	0.53	1.23	0.38	0.57	0.67	90.7	0	13
Cu	aerosol	0.68	0.27	0.63	1.55	0.23	0.66	1.10	90.7	0	13
Mn	aerosol	1.45	0.57	1.23	1.70	0.28	1.30	2.60	90.7	0	13
Ni	aerosol	0.28	0.11	0.28	1.46	0.12	0.27	0.55	90.7	0	13
Pb	aerosol	0.89	0.63	0.66	2.17	0.15	0.62	2.00	90.7	0	13
V	aerosol	0.41	0.16	0.34	1.91	0.06	0.44	0.57	90.7	0	13
Zn	aerosol	4.78	2.25	3.95	1.81	1.20	4.30	7.60	90.7	0	13

SE0014R RÄVÄ[
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.25	0.17	0.24	1.75	0.13	0.19	0.63	86.7	0	13
Cd	aerosol	0.03	0.02	0.03	1.95	0.01	0.03	0.09	86.7	0	13
Co	aerosol	0.02	0.01	0.02	1.60	0.01	0.02	0.05	86.7	0	13
Cr	aerosol	0.39	0.20	0.40	1.52	0.19	0.40	0.91	86.7	0	13
Cu	aerosol	0.76	0.21	0.76	1.31	0.54	0.82	1.20	86.7	0	13
Hg	aerosol	4.70	4.08	3.37	2.36	0.30	3.60	24.80	27.1	0	99
Hg	air+aerosol	1.35	0.19	1.35	1.16	0.90	1.35	2.10	28.2	0	98
Mn	aerosol	1.19	0.47	1.08	1.51	0.46	1.00	2.00	86.7	0	13
Ni	aerosol	0.39	0.14	0.37	1.45	0.19	0.39	0.69	86.7	0	13
Pb	aerosol	1.04	0.89	0.84	2.08	0.30	0.59	3.00	86.7	0	13
V	aerosol	0.73	0.33	0.68	1.56	0.34	0.70	1.50	86.7	0	13
Zn	aerosol	4.60	2.95	4.14	1.80	1.60	3.90	11.00	86.7	0	13

SE0020R Hallahus
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.21	0.08	0.20	1.41	0.11	0.20	0.43	90.4	0	12
Cd	aerosol	0.03	0.02	0.03	1.60	0.01	0.03	0.06	90.4	0	12
Co	aerosol	0.02	0.01	0.02	1.40	0.01	0.02	0.04	90.4	0	12
Cr	aerosol	0.45	0.10	0.44	1.25	0.31	0.46	0.60	90.4	0	12
Cu	aerosol	1.06	0.33	1.02	1.32	0.72	0.93	1.80	90.4	0	12
Hg	air+aerosol	1.34	0.19	1.33	1.16	0.90	1.40	1.70	13.7	0	50
Mn	aerosol	1.40	0.59	1.27	1.52	0.61	1.30	2.60	90.4	0	12
Ni	aerosol	0.26	0.06	0.25	1.26	0.15	0.26	0.37	90.4	0	12
Pb	aerosol	1.19	0.63	1.04	1.62	0.58	1.04	2.60	90.4	0	12
V	aerosol	0.50	0.17	0.47	1.45	0.24	0.46	0.81	90.4	0	12
Zn	aerosol	4.92	1.76	4.64	1.41	2.80	4.85	8.80	90.4	0	12

SI0008R Iskrba
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.21	0.35	0.11	2.51	0.07	0.07	2.97	50.2	135	184
Cd	pm10	0.06	0.06	0.04	2.78	0.01	0.05	0.29	50.2	82	184
Cr	pm10	1.13	0.94	0.84	2.15	0.45	0.45	5.93	50.2	111	184
Cu	pm10	1.21	1.03	0.86	2.26	0.45	0.45	5.06	50.2	113	184
Hg	air	1.02	0.77	0.91	2.41	-0.05	1.00	4.70	23.0	17	84
Ni	pm10	0.50	0.52	0.40	1.77	0.32	0.32	3.39	50.2	159	184
Pb	pm10	1.81	1.93	1.27	2.38	0.07	1.31	18.01	50.2	5	184
Zn	pm10	5.97	5.91	4.43	1.95	3.17	3.17	33.50	50.2	146	184

SK0002R Chopok
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.28	0.36	0.10	5.31	0.00	0.10	1.00	80.0	0	43
Cd	aerosol	0.06	0.15	0.03	2.51	0.00	0.03	1.00	80.0	0	43
Cr	aerosol	0.80	0.35	0.62	2.38	0.03	1.00	1.00	80.0	0	43
Cu	aerosol	0.66	0.52	0.48	2.23	0.10	0.39	1.95	80.0	0	43
Ni	aerosol	0.54	0.37	0.40	2.18	0.11	0.33	1.00	80.0	0	43
Pb	aerosol	1.32	1.37	0.83	2.63	0.14	1.00	8.15	80.0	0	43
Zn	aerosol	3.90	3.57	1.98	4.43	0.02	2.27	14.28	80.0	0	43

SK0004R StarĀj; LesnĀj
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.22	0.19	0.15	3.03	0.01	0.18	1.03	61.9	0	36
Cd	pm10	0.09	0.06	0.07	2.28	0.01	0.08	0.28	66.3	0	39
Cr	pm10	0.18	0.24	0.13	2.96	0.02	0.15	0.83	18.4	0	11
Cu	pm10	1.36	0.85	1.12	2.09	0.11	1.22	3.80	66.3	0	39
Ni	pm10	0.23	0.17	0.22	1.89	0.06	0.24	0.75	38.9	0	24
Pb	pm10	3.68	3.02	2.74	2.32	0.21	2.94	15.88	66.3	0	39
Zn	pm10	8.85	6.28	7.02	2.56	0.56	9.14	25.36	62.7	0	36

SK0006R Starina
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.25	0.18	0.14	4.21	0.01	0.27	0.65	29.6	0	16
Cd	pm10	0.12	0.03	0.11	1.34	0.06	0.11	0.17	29.6	0	16
Cr	pm10	0.33	0.18	0.30	1.84	0.10	0.35	0.66	14.5	0	8
Cu	pm10	1.23	0.37	1.16	1.39	0.53	1.23	1.89	29.6	0	16
Ni	pm10	0.29	0.16	0.24	2.22	0.04	0.33	0.58	24.1	0	13
Pb	pm10	4.18	1.42	3.95	1.39	2.15	3.58	6.62	29.6	0	16
Zn	pm10	7.25	4.53	4.54	3.56	0.48	8.52	13.94	29.6	0	16

SK0007R Topolniky
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.35	0.29	0.23	2.79	0.02	0.26	1.35	72.3	0	39
Cd	pm10	0.11	0.07	0.10	1.79	0.03	0.10	0.34	77.8	0	42
Cr	pm10	0.45	0.22	0.39	1.94	0.07	0.45	0.84	27.7	0	15
Cu	pm10	2.12	0.59	2.02	1.39	0.71	2.19	3.11	77.8	0	42
Ni	pm10	0.40	0.32	0.32	2.20	0.02	0.37	1.90	60.3	0	33
Pb	pm10	6.13	3.75	5.01	1.90	1.18	4.84	16.46	77.8	0	42
Zn	pm10	12.41	9.88	9.28	2.31	1.14	10.15	60.75	74.8	0	40

Annex 4

Annual statistics for POPs in air

BE0013R Houtem
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.07	0.22	0.01	5.22	0.00	0.01	1.65	32.1	13	117
benzo_a_pyrene	pm10	0.09	0.24	0.02	4.91	0.00	0.02	1.58	32.1	13	117
benzo_ghi_perylene	pm10	0.13	0.28	0.04	5.05	0.00	0.04	1.76	32.1	7	117
chrysene	pm10	0.18	0.46	0.05	4.31	0.00	0.04	3.28	32.1	0	117
fluoranthene	pm10	0.13	0.41	0.04	4.31	0.00	0.03	4.00	32.1	0	117
inden_123cd_pyrene	pm10	0.14	0.29	0.04	5.28	0.00	0.04	2.03	32.1	6	117
pyrene	pm10	0.11	0.34	0.03	4.14	-0.00	0.02	3.20	32.1	2	117

CZ0003R Kosetice (NOAK)
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
HCB	air+pm10	55.98	15.04	54.09	1.30	28.46	52.87	96.20	14.2	0	52
PCB_101	air+pm10	1.12	0.68	0.94	1.84	0.24	0.91	3.19	14.2	0	52
PCB_118	air+pm10	0.33	0.27	0.24	2.23	0.05	0.24	1.57	14.2	5	52
PCB_138	air+pm10	0.61	0.37	0.51	1.94	0.06	0.52	1.55	14.2	1	52
PCB_153	air+pm10	1.03	0.58	0.88	1.79	0.20	0.87	2.41	14.2	0	52
PCB_180	air+pm10	0.38	0.32	0.29	2.09	0.07	0.32	2.20	14.2	6	52
PCB_28	air+pm10	3.06	2.38	2.25	2.25	0.43	2.19	9.16	14.2	0	52
PCB_52	air+pm10	1.73	1.24	1.35	2.03	0.36	1.21	4.96	14.2	0	52
acenaphthene	air+pm10	0.20	0.25	0.09	3.77	0.01	0.09	0.90	14.2	0	52
acenaphthylene	air+pm10	0.40	0.86	0.07	7.55	0.00	0.07	4.66	14.2	0	52
alpha_HCH	air+pm10	3.22	1.88	2.80	1.70	0.84	3.06	11.90	14.2	0	52
anthracene	air+pm10	0.13	0.22	0.04	5.47	0.00	0.04	0.89	14.2	0	52
benz_a_anthracene	air+pm10	0.48	0.94	0.09	8.14	0.00	0.10	4.16	14.2	0	52
benzo_a_pyrene	air+pm10	0.42	0.71	0.09	7.09	0.00	0.11	2.90	14.2	0	52
benzo_b_fluoranthene	air+pm10	0.55	0.95	0.14	6.00	0.01	0.15	4.22	14.2	0	52
benzo_ghi_perylene	air+pm10	0.26	0.41	0.07	6.11	0.00	0.06	1.65	14.2	0	52
benzo_k_fluoranthene	air+pm10	0.24	0.42	0.06	6.40	0.00	0.06	1.85	14.2	0	52
delta_HCH	air+pm10	0.16	0.14	0.11	2.22	0.06	0.06	0.54	14.2	32	52
dibenzo_ah_anthracene	air+pm10	0.03	0.04	0.00	30.15	0.00	0.01	0.18	14.2	13	52
fluoranthene	air+pm10	2.16	3.68	0.79	4.10	0.10	0.78	15.22	14.2	0	52
fluorene	air+pm10	1.61	2.16	0.80	3.30	0.10	0.84	8.79	14.2	0	52
gamma_HCH	air+pm10	4.69	2.92	3.82	1.97	0.88	3.67	11.53	14.2	0	52
inden_123cd_pyrene	air+pm10	0.33	0.53	0.08	6.43	0.00	0.08	2.24	14.2	0	52
naphthalene	air+pm10	1.34	2.59	0.37	5.78	0.02	0.41	16.04	14.2	0	52
pentachlorobenzene	air+pm10	9.14	6.58	7.43	1.95	1.21	8.56	43.35	14.2	0	52
phenanthrene	air+pm10	3.41	4.55	1.57	3.63	0.18	1.60	17.12	14.2	0	52
pp_DDD	air+pm10	0.56	0.43	0.42	2.32	0.02	0.43	1.87	14.2	1	52
pp_DDE	air+pm10	14.50	8.33	11.75	2.06	2.14	14.60	37.05	14.2	0	52
pp_DDT	air+pm10	2.34	1.57	1.82	2.14	0.35	2.01	6.47	14.2	0	52
pyrene	air+pm10	1.32	2.25	0.44	4.53	0.04	0.55	9.49	14.2	0	52

DE0001R Westerland
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
PCB_101	air+pm10	1.43	0.44	1.34	1.46	0.53	1.47	2.06	100.0	0	12
PCB_118	air+pm10	0.36	0.08	0.35	1.27	0.23	0.36	0.52	100.0	0	12
PCB_138	air+pm10	1.00	0.34	0.92	1.58	0.31	1.08	1.41	100.0	0	12
PCB_153	air+pm10	1.20	0.32	1.15	1.34	0.61	1.12	1.69	100.0	0	12
PCB_180	air+pm10	0.26	0.09	0.25	1.46	0.11	0.26	0.39	100.0	0	12
PCB_28	air+pm10	1.47	0.60	1.35	1.62	0.39	1.35	2.54	100.0	0	12
PCB_52	air+pm10	1.60	0.52	1.51	1.45	0.69	1.61	2.18	100.0	0	12
aldrin	air+pm10	0.00	0.00	0.00	1.01	0.00	0.00	0.00	100.0	0	12
alpha_HCH	air+pm10	3.01	0.86	2.91	1.32	1.82	2.86	4.69	100.0	0	12
anthracene	air+pm10	0.04	0.04	0.03	1.98	0.02	0.03	0.13	100.0	0	12
benz_a_anthracene	air+pm10	0.04	0.07	0.02	4.70	0.00	0.01	0.21	100.0	0	12
benzo_a_pyrene	air+pm10	0.05	0.09	0.02	5.04	0.00	0.01	0.25	100.0	0	12
benzo_bjk_fluoranthenes	air+pm10	0.20	0.31	0.07	4.39	0.01	0.05	0.91	100.0	0	12
benzo_ghi_perylene	air+pm10	0.06	0.09	0.02	4.16	0.00	0.02	0.25	100.0	0	12
chrysene	air+pm10	0.12	0.18	0.05	3.48	0.01	0.04	0.52	100.0	0	12
dibenzo_ah_anthracene	air+pm10	0.01	0.01	0.00	3.87	0.00	0.00	0.04	100.0	0	12
dieldrin	air+pm10	2.00	0.93	1.81	1.57	0.90	1.89	4.18	100.0	0	12
endrin	air+pm10	0.04	0.04	0.01	6.98	0.00	0.03	0.12	100.0	0	12
fluoranthene	air+pm10	0.56	0.69	0.36	2.54	0.10	0.33	2.40	100.0	0	12
gamma_HCH	air+pm10	9.36	5.59	7.84	1.86	3.85	7.97	18.32	100.0	0	12
inden_123cd_pyrene	air+pm10	0.07	0.10	0.03	4.41	0.00	0.02	0.29	100.0	0	12
op_DDD	air+pm10	0.13	0.06	0.11	1.66	0.05	0.11	0.22	100.0	0	12
op_DDE	air+pm10	0.15	0.07	0.14	1.52	0.07	0.12	0.31	100.0	0	12
op_DDT	air+pm10	0.45	0.35	0.36	1.99	0.15	0.37	1.42	100.0	0	12
phenanthrene	air+pm10	2.08	2.33	1.43	2.36	0.45	1.38	8.09	100.0	0	12
pp_DDD	air+pm10	0.18	0.17	0.12	2.36	0.04	0.10	0.61	100.0	0	12
pp_DDE	air+pm10	2.72	2.84	2.01	2.14	0.55	1.94	11.06	100.0	0	12
pp_DDT	air+pm10	0.89	0.77	0.65	2.25	0.22	0.60	2.59	100.0	0	12
pyrene	air+pm10	0.33	0.35	0.21	2.73	0.05	0.24	1.17	100.0	0	12

DE0002R Waldhof
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
PCB_101	air+pm10	1.59	0.50	1.51	1.41	0.75	1.58	2.52	100.0	0	12
PCB_118	air+pm10	0.34	0.09	0.32	1.36	0.15	0.36	0.48	100.0	0	12
PCB_138	air+pm10	1.04	0.25	1.01	1.30	0.59	1.05	1.41	100.0	0	12
PCB_153	air+pm10	1.09	0.26	1.05	1.30	0.59	1.08	1.57	100.0	0	12
PCB_180	air+pm10	0.25	0.09	0.21	2.49	0.01	0.26	0.39	100.0	0	12
PCB_28	air+pm10	1.86	0.49	1.80	1.31	1.18	1.98	2.71	100.0	0	12
PCB_52	air+pm10	1.95	0.68	1.83	1.46	0.87	1.91	2.95	100.0	0	12
aldrin	air+pm10	0.00	0.01	0.00	3.93	0.00	0.00	0.02	100.0	0	12
alpha_HCH	air+pm10	3.65	1.20	3.49	1.38	2.16	3.49	6.05	100.0	0	12
anthracene	air+pm10	0.05	0.07	0.03	3.65	0.00	0.02	0.27	100.0	0	12
benz_a_anthracene	air+pm10	0.15	0.28	0.04	6.17	0.00	0.02	0.94	100.0	0	12
benzo_a_pyrene	air+pm10	0.17	0.31	0.05	5.91	0.00	0.03	1.04	100.0	0	12
benzo_bjk_fluoranthenes	air+pm10	0.56	0.91	0.17	5.39	0.02	0.11	2.64	100.0	0	12
benzo_ghi_ptylene	air+pm10	0.18	0.28	0.06	5.20	0.01	0.04	0.88	100.0	0	12
chrysenetriphenylene	air+pm10	0.32	0.51	0.11	4.74	0.01	0.08	1.60	100.0	0	12
dibenzo_ah_anthracene	air+pm10	0.03	0.04	0.01	4.83	0.00	0.01	0.12	100.0	0	12
dieldrin	air+pm10	3.33	1.45	3.00	1.63	1.07	3.11	5.99	100.0	0	12
endrin	air+pm10	0.05	0.05	0.01	7.66	0.00	0.04	0.13	100.0	0	12
fluoranthene	air+pm10	1.29	1.98	0.61	3.43	0.15	0.43	6.85	100.0	0	12
gamma_HCH	air+pm10	13.08	3.04	12.72	1.28	8.51	13.84	18.58	100.0	0	12
inden_123cd_pyrene	air+pm10	0.20	0.31	0.07	5.28	0.01	0.05	0.98	100.0	0	12
op_DDD	air+pm10	0.13	0.07	0.12	1.76	0.04	0.10	0.27	100.0	0	12
op_DDE	air+pm10	0.26	0.09	0.25	1.48	0.12	0.26	0.37	100.0	0	12
op_DDT	air+pm10	1.58	0.84	1.33	1.94	0.40	1.55	2.81	100.0	0	12
phenanthrene	air+pm10	4.70	5.94	2.88	2.73	0.73	2.41	21.07	100.0	0	12
pp_DDD	air+pm10	0.19	0.10	0.17	1.79	0.05	0.18	0.38	100.0	0	12
pp_DDE	air+pm10	8.84	4.69	7.65	1.79	3.16	8.13	16.82	100.0	0	12
pp_DDT	air+pm10	2.40	1.08	2.14	1.71	0.76	2.32	3.91	100.0	0	12
pyrene	air+pm10	0.71	1.10	0.30	3.90	0.06	0.21	3.67	100.0	0	12

DE0003R Schauinsland
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
anthracene	air+pm10	0.02	0.01	0.02	1.36	0.01	0.02	0.03	100.0	0	12
benz_a_anthracene	air+pm10	0.01	0.01	0.01	2.61	0.00	0.01	0.04	100.0	0	12
benzo_a_pyrene	air+pm10	0.02	0.01	0.01	2.32	0.00	0.01	0.05	100.0	0	12
benzo_bjk_fluoranthenes	air+pm10	0.06	0.05	0.04	2.42	0.01	0.05	0.16	100.0	0	12
benzo_ghi_ptylene	air+pm10	0.02	0.02	0.02	2.39	0.01	0.02	0.06	100.0	0	12
chrysenetriphenylene	air+pm10	0.04	0.03	0.03	2.24	0.01	0.03	0.11	100.0	0	12
dibenzo_ah_anthracene	air+pm10	0.00	0.00	0.00	2.49	0.00	0.00	0.01	100.0	0	12
fluoranthene	air+pm10	0.22	0.12	0.20	1.67	0.11	0.16	0.50	100.0	0	12
inden_123cd_pyrene	air+pm10	0.03	0.02	0.02	2.59	0.00	0.02	0.07	100.0	0	12
phenanthrene	air+pm10	1.13	0.60	1.03	1.57	0.61	0.87	2.63	100.0	0	12
pyrene	air+pm10	0.11	0.06	0.10	1.69	0.05	0.07	0.25	100.0	0	12

DE0008R Schmücke
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
anthracene	air+pm10	0.29	0.33	0.14	3.75	0.02	0.18	1.10	100.0	0	12
benz_a_anthracene	air+pm10	0.11	0.12	0.05	4.85	0.00	0.06	0.34	100.0	0	12
benzo_a_pyrene	air+pm10	0.10	0.10	0.05	4.33	0.00	0.04	0.32	100.0	0	12
benzo_bjk_fluoranthenes	air+pm10	0.31	0.30	0.16	3.94	0.01	0.15	0.93	100.0	0	12
benzo_ghi_ptylene	air+pm10	0.11	0.10	0.06	3.73	0.01	0.06	0.27	100.0	0	12
chrysenetriphenylene	air+pm10	0.23	0.22	0.13	3.67	0.01	0.11	0.62	100.0	0	12
dibenzo_ah_anthracene	air+pm10	0.02	0.02	0.01	3.81	0.00	0.01	0.05	100.0	0	12
fluoranthene	air+pm10	1.14	0.94	0.77	2.68	0.21	0.61	2.42	100.0	0	12
inden_123cd_pyrene	air+pm10	0.13	0.11	0.07	3.94	0.01	0.07	0.32	100.0	0	12
phenanthrene	air+pm10	4.39	2.80	3.65	1.92	1.48	3.09	10.00	100.0	0	12
pyrene	air+pm10	0.81	0.69	0.54	2.72	0.17	0.47	1.98	100.0	0	12

DE0009R Zingst
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
PCB_101	air+pm10	0.76	0.33	0.62	2.38	0.05	0.72	1.31	100.0	0	12
PCB_118	air+pm10	0.24	0.06	0.23	1.30	0.14	0.24	0.31	100.0	0	12
PCB_138	air+pm10	0.58	0.16	0.56	1.33	0.36	0.56	0.81	100.0	0	12
PCB_153	air+pm10	0.65	0.19	0.62	1.35	0.36	0.63	0.99	100.0	0	12
PCB_180	air+pm10	0.16	0.04	0.15	1.31	0.09	0.17	0.21	100.0	0	12
PCB_28	air+pm10	1.19	0.59	0.97	2.25	0.11	1.31	2.19	100.0	0	12
PCB_52	air+pm10	0.96	0.38	0.87	1.64	0.24	1.06	1.75	100.0	0	12
aldrin	air+pm10	0.00	0.00	0.00	1.04	0.00	0.00	0.00	100.0	0	12
alpha_HCH	air+pm10	2.83	0.95	2.70	1.36	1.77	2.43	4.84	100.0	0	12
anthracene	air+pm10	0.05	0.04	0.04	2.11	0.01	0.03	0.15	100.0	0	12
benz_a_anthracene	air+pm10	0.16	0.27	0.04	5.76	0.01	0.02	0.76	100.0	0	12
benzo_a_pyrene	air+pm10	0.17	0.29	0.05	5.54	0.01	0.02	0.82	100.0	0	12
benzo_bjk_fluoranthenes	air+pm10	0.52	0.89	0.16	4.85	0.03	0.09	2.50	100.0	0	12
benzo_ghi_ptylene	air+pm10	0.16	0.25	0.06	4.67	0.01	0.04	0.73	100.0	0	12
chrysenetriphenylene	air+pm10	0.37	0.64	0.11	4.84	0.02	0.06	1.79	100.0	0	12
dibenzo_ah_anthracene	air+pm10	0.03	0.05	0.01	10.18	0.00	0.01	0.15	100.0	0	12
dieldrin	air+pm10	1.44	0.56	1.33	1.55	0.62	1.64	2.37	100.0	0	12
endrin	air+pm10	0.03	0.04	0.01	6.07	0.00	0.00	0.11	100.0	0	12
fluoranthene	air+pm10	0.97	1.48	0.45	3.43	0.15	0.23	4.74	100.0	0	12
gamma_HCH	air+pm10	10.23	3.10	9.76	1.37	5.72	9.90	15.11	100.0	0	12
inden_123cd_pyrene	air+pm10	0.19	0.29	0.06	4.82	0.01	0.04	0.83	100.0	0	12
op_DDD	air+pm10	0.31	0.27	0.25	1.80	0.13	0.23	1.14	100.0	0	12
op_DDE	air+pm10	0.37	0.09	0.36	1.27	0.23	0.35	0.56	100.0	0	12
op_DDT	air+pm10	2.48	1.16	2.21	1.68	0.88	2.32	4.35	100.0	0	12
phenanthrene	air+pm10	2.33	2.73	1.59	2.40	0.64	1.17	10.29	100.0	0	12
pp_DDD	air+pm10	0.54	0.56	0.39	2.10	0.16	0.35	2.18	100.0	0	12
pp_DDE	air+pm10	8.36	3.88	7.61	1.55	4.03	8.16	18.01	100.0	0	12
pp_DDT	air+pm10	5.88	4.02	5.00	1.74	2.45	4.37	16.93	100.0	0	12
pyrene	air+pm10	0.62	0.93	0.28	3.44	0.09	0.15	2.61	100.0	0	12

**DK0010G Villum Research Station, Station Nord
January 2017 - December 2017**

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
BDE_100	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	22.5	12	12
BDE_138	air	0.02	0.00	0.02	1.00	0.02	0.02	0.02	22.5	12	12
BDE_153	air	0.02	0.00	0.02	1.00	0.02	0.02	0.02	22.5	12	12
BDE_154	air	0.02	0.00	0.02	1.00	0.02	0.02	0.02	22.5	12	12
BDE_183	air	0.02	0.00	0.02	1.00	0.02	0.02	0.02	22.5	12	12
BDE_28	air	0.02	0.02	0.01	6.43	0.00	0.01	0.05	22.5	6	12
BDE_47	air	0.11	0.06	0.10	1.73	0.06	0.09	0.22	22.5	6	12
BDE_66	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	22.5	12	12
BDE_71	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	22.5	12	12
BDE_85	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	22.5	12	12
BDE_99	air	0.02	0.00	0.02	1.00	0.02	0.02	0.02	22.5	12	12
HCB	air	81.74	6.30	81.44	1.08	71.05	80.94	90.38	22.5	0	12
aldrin	air	0.00	0.00	0.00	1.00	0.00	0.00	0.00	22.5	12	12
alpha_HCH	air	5.22	1.56	4.97	1.34	3.48	5.12	8.13	22.5	0	12
beta_HCH	air	0.06	0.03	0.05	1.63	0.03	0.04	0.14	22.5	0	12
cis_CD	air	0.43	0.13	0.41	1.43	0.20	0.47	0.56	22.5	0	12
cis_NO	air	0.01	0.05	0.00	4.39	0.00	0.00	0.17	22.5	11	12
dieldrin	air	0.85	0.32	0.80	1.53	0.42	0.96	1.28	22.5	0	12
endosulfan	air	0.00	0.00	0.00	1.00	0.00	0.00	0.00	22.5	12	12
endrin	air	0.00	0.00	0.00	1.00	0.00	0.00	0.00	22.5	12	12
gamma_HCH	air	1.03	0.43	0.95	1.50	0.59	0.92	1.91	22.5	0	12
heptachlor	air	0.12	0.08	0.11	1.70	0.04	0.11	0.34	22.5	0	12
heptachlorepoxyde	air	0.45	0.16	0.41	1.56	0.17	0.48	0.65	22.5	0	12
op_DDE	air	0.41	0.21	0.37	1.57	0.18	0.38	0.95	22.5	0	12
op_DDT	air	0.20	0.04	0.20	1.23	0.14	0.20	0.29	22.5	0	12
pp_DDD	air	0.16	0.09	0.15	1.57	0.08	0.13	0.38	22.5	0	12
pp_DDE	air	0.41	0.21	0.37	1.57	0.18	0.38	0.95	22.5	0	12
pp_DDT	air	0.26	0.12	0.24	1.47	0.16	0.23	0.55	22.5	0	12
trans_CD	air	0.18	0.06	0.17	1.36	0.11	0.15	0.29	22.5	0	12
trans_NO	air	0.17	0.14	0.03	21.10	0.00	0.18	0.39	22.5	4	12

**EE0009R Lahemaa
January 2017 - December 2017**

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benzo_a_pyrene	pm10	0.07	0.07	0.04	3.04	0.01	0.06	0.33	95.5	15	50

**ES0001R San Pablo de los Montes
January 2017 - December 2017**

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
acenaphthene	pm10	0.00	0.00	0.01	1.09	0.00	0.00	0.01	96.7	2	12
acenaphthylene	pm10	0.00	0.00	-	-	0.00	0.00	0.00	96.7	0	12
anthracene	pm10	0.00	0.00	0.01	1.27	0.00	0.00	0.01	96.7	0	12
benz_a_anthracene	pm10	0.00	0.00	0.00	1.38	0.00	0.00	0.00	96.7	8	12
benzo_a_pyrene	pm10	0.01	0.01	0.01	2.93	0.00	0.00	0.03	96.7	4	12
benzo_ghi_perylene	pm10	0.04	0.07	0.02	4.86	0.00	0.03	0.24	96.7	1	12
benzo_k_fluoranthene	pm10	0.05	0.08	0.01	6.46	0.00	0.03	0.27	96.7	4	12
chrysene	pm10	0.01	0.01	0.01	2.77	0.00	0.01	0.04	96.7	3	12
dibenzo_ah_anthracene	pm10	0.01	0.01	0.01	3.04	0.00	0.01	0.04	96.7	3	12
fluoranthene	pm10	0.01	0.01	0.01	2.01	0.00	0.01	0.04	96.7	1	12
fluorene	pm10	0.03	0.05	0.05	2.43	0.00	0.00	0.18	96.7	0	12
inden_123cd_pyrene	pm10	0.07	0.10	0.02	5.97	0.00	0.04	0.37	96.7	2	12
naphthalene	pm10	0.00	0.01	0.01	1.93	0.00	0.00	0.03	96.7	2	12
phenanthrene	pm10	0.01	0.01	0.01	1.95	0.00	0.01	0.04	96.7	0	12
pyrene	pm10	0.01	0.01	0.01	2.10	0.00	0.00	0.02	96.7	2	12

**ES0007R Vã-znar
January 2017 - December 2017**

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
acenaphthene	pm10	0.00	0.02	-	-	0.00	0.00	0.06	96.7	0	12
acenaphthylene	pm10	0.00	0.00	-	-	0.00	0.00	0.00	96.7	0	12
anthracene	pm10	0.00	0.00	0.00	1.23	0.00	0.00	0.01	96.7	0	12
benz_a_anthracene	pm10	0.00	0.00	0.00	1.89	0.00	0.00	0.01	96.7	8	12
benzo_a_pyrene	pm10	0.01	0.01	0.01	3.41	0.00	0.00	0.04	96.7	5	12
benzo_ghi_perylene	pm10	0.07	0.14	0.02	4.56	0.00	0.02	0.49	96.7	0	12
benzo_k_fluoranthene	pm10	0.09	0.18	0.02	6.47	0.00	0.02	0.62	96.7	3	12
chrysene	pm10	0.01	0.01	0.01	2.73	0.00	0.01	0.03	96.7	2	12
dibenzo_ah_anthracene	pm10	0.01	0.02	0.01	3.42	0.00	0.00	0.08	96.7	3	12
fluoranthene	pm10	0.01	0.01	0.01	2.44	0.00	0.01	0.04	96.7	3	12
fluorene	pm10	0.00	0.02	-	-	0.00	0.00	0.06	96.7	0	12
inden_123cd_pyrene	pm10	0.12	0.24	0.03	5.83	0.00	0.03	0.84	96.7	1	12
naphthalene	pm10	0.00	0.00	0.01	3.00	0.00	0.00	0.01	96.7	3	12
phenanthrene	pm10	0.00	0.01	0.01	1.60	0.00	0.00	0.02	96.7	0	12
pyrene	pm10	0.01	0.01	0.01	2.07	0.00	0.01	0.04	96.7	2	12

**ES0008R Niembro
January 2017 - December 2017**

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
acenaphthene	pm10	0.00	0.00	-	-	0.00	0.00	0.01	96.7	1	12
acenaphthylene	pm10	0.00	0.00	-	-	0.00	0.00	0.00	96.7	0	12
anthracene	pm10	0.00	0.00	0.00	2.78	0.00	0.00	0.01	96.7	0	12
benz_a_anthracene	pm10	0.01	0.00	0.01	1.92	0.00	0.01	0.02	96.7	2	12
benzo_a_pyrene	pm10	0.02	0.02	0.02	2.39	0.00	0.01	0.07	96.7	0	12
benzo_ghi_perylene	pm10	0.27	0.29	0.12	5.48	0.00	0.16	0.89	96.7	1	12
benzo_k_fluoranthene	pm10	0.29	0.25	0.18	3.42	0.03	0.24	0.82	96.7	0	12
chrysene	pm10	0.05	0.05	0.04	1.58	0.02	0.04	0.09	96.7	0	12
dibenzo_ah_anthracene	pm10	0.06	0.06	0.03	3.39	0.01	0.04	0.17	96.7	0	12
fluoranthene	pm10	0.03	0.01	0.03	1.52	0.02	0.03	0.06	96.7	0	12
fluorene	pm10	0.00	0.00	-	-	0.00	0.00	0.00	96.7	1	12
inden_123cd_pyrene	pm10	0.39	0.37	0.23	3.31	0.04	0.24	1.06	96.7	0	12
naphthalene	pm10	0.00	0.00	0.01	1.00	0.00	0.00	0.01	96.7	3	12
phenanthrene	pm10	0.03	0.01	0.02	2.17	0.00	0.03	0.04	96.7	0	12
pyrene	pm10	0.02	0.01	0.02	1.77	0.01	0.02	0.04	96.7	0	12

ES0012R Zarra
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
acenaphthene	pm10	0.00	0.00	-	-	0.00	0.00	0.01	96.7	1	12
acenaphthylene	pm10	0.00	0.00	-	-	0.00	0.00	0.01	96.7	1	12
anthracene	pm10	0.00	0.00	-	-	0.00	0.00	0.00	96.7	0	12
benz_a anthracene	pm10	0.00	0.00	0.00	1.31	0.00	0.00	0.00	96.7	10	12
benzo_a pyrene	pm10	0.00	0.00	0.00	2.06	0.00	0.00	0.01	96.7	4	12
benzo_ghi perylene	pm10	0.02	0.02	0.01	4.03	0.00	0.01	0.07	96.7	4	12
benzo_k fluoranthene	pm10	0.03	0.03	0.01	4.29	0.00	0.01	0.11	96.7	4	12
chrysene	pm10	0.01	0.00	0.00	2.20	0.00	0.00	0.01	96.7	6	12
dibenzo_ah anthracene	pm10	0.00	0.00	0.00	2.22	0.00	0.00	0.01	96.7	6	12
fluoranthene	pm10	0.00	0.00	0.00	1.66	0.00	0.00	0.01	96.7	5	12
fluorene	pm10	0.00	0.01	-	-	0.00	0.00	0.04	96.7	0	12
inden_123cd pyrene	pm10	0.03	0.04	0.01	4.41	0.00	0.02	0.12	96.7	3	12
naphthalene	pm10	0.00	0.00	0.01	1.09	0.00	0.00	0.01	96.7	2	12
phenanthrene	pm10	0.00	0.00	0.01	1.95	0.00	0.00	0.01	96.7	1	12
pyrene	pm10	0.00	0.00	0.01	1.71	0.00	0.00	0.01	96.7	3	12

ES0014R Els Torms
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
acenaphthene	pm10	0.00	0.01	0.02	3.60	0.00	0.00	0.05	96.7	1	12
acenaphthylene	pm10	0.00	0.00	-	-	0.00	0.00	0.01	96.7	1	12
anthracene	pm10	0.00	0.00	-	-	0.00	0.00	0.01	96.7	0	12
benz_a anthracene	pm10	0.00	0.00	0.00	1.77	0.00	0.00	0.01	96.7	8	12
benzo_a pyrene	pm10	0.01	0.02	0.01	3.64	0.00	0.00	0.06	96.7	2	12
benzo_ghi perylene	pm10	0.07	0.12	0.02	6.06	0.00	0.04	0.44	96.7	3	12
benzo_k fluoranthene	pm10	0.10	0.19	0.02	7.46	0.00	0.03	0.67	96.7	4	12
chrysene	pm10	0.01	0.01	0.01	3.13	0.00	0.01	0.04	96.7	4	12
dibenzo_ah anthracene	pm10	0.01	0.02	0.01	2.70	0.00	0.00	0.06	96.7	1	12
fluoranthene	pm10	0.01	0.01	0.01	1.99	0.00	0.01	0.02	96.7	3	12
fluorene	pm10	0.00	0.01	-	-	0.00	0.00	0.02	96.7	0	12
inden_123cd pyrene	pm10	0.10	0.19	0.03	6.91	0.00	0.03	0.68	96.7	3	12
naphthalene	pm10	0.00	0.01	0.01	2.30	0.00	0.00	0.04	96.7	2	12
phenanthrene	pm10	0.01	0.01	0.01	1.97	0.00	0.00	0.03	96.7	0	12
pyrene	pm10	0.01	0.01	0.01	1.98	0.00	0.01	0.02	96.7	2	12

FI0018R Virolahti III
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
anthracene	pm10	0.02	0.03	0.01	3.83	0.00	0.02	0.09	99.9	0	12
benz_a anthracene	pm10	0.10	0.06	0.08	2.02	0.02	0.09	0.21	99.9	0	12
benzo_a pyrene	pm10	0.12	0.08	0.09	2.38	0.03	0.12	0.24	99.9	0	12
benzo_bjk fluoranthenes	pm10	0.28	0.18	0.22	2.09	0.06	0.23	0.56	99.9	0	12
benzo_ghi perylene	pm10	0.14	0.08	0.11	2.14	0.02	0.13	0.26	99.9	0	12
chrysene	pm10	0.15	0.10	0.13	1.99	0.04	0.13	0.35	99.9	0	12
dibenzo_ac_ah anthracenes	pm10	0.02	0.01	0.02	1.54	0.01	0.01	0.03	99.9	0	12
fluoranthene	pm10	0.38	0.29	0.28	2.26	0.08	0.30	0.98	99.9	0	12
inden_123cd pyrene	pm10	0.10	0.06	0.08	1.97	0.03	0.10	0.19	99.9	0	12
phenanthrene	pm10	0.25	0.26	0.15	3.08	0.03	0.17	0.84	99.9	0	12
pyrene	pm10	0.36	0.32	0.27	2.26	0.08	0.28	1.20	99.9	0	12

FI0036R Pallas (Matorova)
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
BDE_100	air+aerosol	0.01	0.00	0.02	1.15	0.01	0.01	0.03	100.0	13	13
BDE_153	air+aerosol	0.02	0.02	0.02	1.49	0.02	0.02	0.09	100.0	13	13
BDE_154	air+aerosol	0.04	0.01	0.04	1.28	0.04	0.04	0.09	100.0	13	13
BDE_209	air+aerosol	0.15	-	-	-	0.15	0.15	0.15	0.3	1	1
BDE_47	air+aerosol	0.09	0.08	0.06	2.75	0.01	0.06	0.27	100.0	2	13
BDE_85	air+aerosol	0.02	0.00	0.02	1.06	0.02	0.02	0.03	100.0	13	13
BDE_99	air+aerosol	0.04	0.04	0.02	2.15	0.01	0.01	0.15	100.0	9	13
FTS_6-2	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	44.1	6	6
HCB	air+aerosol	48.61	19.59	39.62	1.95	5.90	54.00	76.00	100.0	0	13
PCB_101	air+aerosol	0.38	0.25	0.31	1.72	0.16	0.26	1.02	100.0	0	13
PCB_118	air+aerosol	0.11	0.11	0.06	2.80	0.02	0.07	0.40	100.0	6	13
PCB_138	air+aerosol	0.06	0.12	0.03	2.37	0.02	0.02	0.47	100.0	12	13
PCB_153	air+aerosol	0.15	0.12	0.12	1.80	0.05	0.11	0.53	100.0	0	13
PCB_180	air+aerosol	0.03	0.03	0.03	1.73	0.02	0.02	0.10	100.0	11	13
PCB_28	air+aerosol	0.94	0.39	0.84	1.49	0.54	0.75	1.75	100.0	0	13
PCB_52	air+aerosol	0.91	0.45	0.79	1.54	0.51	0.67	1.94	100.0	0	13
PFBA	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	44.1	6	6
PFBS	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	44.1	6	6
PFDeA	air+aerosol	0.07	0.02	0.07	1.34	0.05	0.08	0.10	44.1	2	6
PFDeS	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	44.1	6	6
PFHpA	air+aerosol	0.06	0.01	0.06	1.21	0.05	0.05	0.08	44.1	3	6
PFHxA	air+aerosol	0.26	0.18	0.17	2.81	0.05	0.26	0.45	44.1	2	6
PFHxS	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	44.1	6	6
PFNA	air+aerosol	0.06	0.02	0.06	1.32	0.05	0.05	0.10	44.1	3	6
PFNA	air+aerosol	0.20	0.11	0.16	2.08	0.05	0.20	0.34	44.1	1	6
PFOS	air+aerosol	0.06	0.01	0.05	1.22	0.05	0.05	0.08	44.1	5	6
PFOSA	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	44.1	6	6
PFUnA	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	44.1	6	6
alpha HCH	air+aerosol	4.04	1.23	3.84	1.36	2.51	3.66	5.92	100.0	0	13
anthracene	air+aerosol	0.01	0.00	0.01	1.75	0.00	0.01	0.02	90.4	0	12
anthracene	pm10	0.00	0.00	0.00	2.22	0.00	0.00	0.01	99.9	0	12
benz_a anthracene	air+aerosol	0.01	0.02	0.01	2.33	0.00	0.01	0.06	90.4	1	12
benz_a anthracene	pm10	0.01	0.01	0.01	2.98	0.00	0.01	0.04	99.9	0	12
benzo_a pyrene	air+aerosol	0.04	0.02	0.03	2.05	0.00	0.04	0.07	90.4	0	12
benzo_a pyrene	pm10	0.02	0.02	0.01	2.14	0.01	0.01	0.05	99.9	0	12
benzo_b fluoranthene	air+aerosol	0.02	0.03	0.01	3.24	0.00	0.01	0.09	90.4	0	12
benzo_bjk fluoranthenes	pm10	0.04	0.04	0.03	2.55	0.01	0.03	0.15	99.9	0	12
benzo_ghi perylene	air+aerosol	0.01	0.01	0.01	2.68	0.00	0.01	0.04	90.4	0	12
benzo_k fluoranthene	air+aerosol	0.01	0.01	0.00	2.72	0.00	0.01	0.04	90.4	0	12
chrysene	air+aerosol	0.03	0.02	0.02	2.16	0.01	0.02	0.09	90.4	0	12
chrysene	pm10	0.02	0.02	0.02	2.04	0.01	0.01	0.08	99.9	0	12
dibenzo_ah anthracene	air+aerosol	0.00	0.00	0.00	1.85	0.00	0.00	0.01	90.4	0	12
fluoranthene	air+aerosol	0.11	0.09	0.08	2.08	0.03	0.09	0.32	90.4	0	12
fluoranthene	pm10	0.05	0.05	0.04	2.50	0.01	0.04	0.17	99.9	0	12

FI0036R Pallas (Matorova) (cont.)
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
gamma_HCH	air+aerosol	1.07	0.75	0.82	1.86	0.39	0.65	3.05	100.0	0	13
indén_123cd_pyrene	air+aerosol	0.01	0.02	0.01	2.76	0.00	0.01	0.06	90.4	0	12
indén_123cd_pyrene	pm10	0.01	0.01	0.01	1.82	0.01	0.01	0.05	99.9	0	12
phenanthrene	air+aerosol	0.33	0.17	0.28	1.73	0.12	0.29	0.67	90.4	0	12
phenanthrene	pm10	0.02	0.02	0.01	2.40	0.01	0.01	0.09	99.9	0	12
pp_DDD	air+aerosol	0.02	0.02	0.02	1.53	0.01	0.01	0.07	100.0	12	13
pp_DDE	air+aerosol	0.40	0.23	0.33	1.95	0.11	0.41	0.82	100.0	0	13
pp_DDT	air+aerosol	0.10	0.11	0.06	2.82	0.01	0.08	0.43	100.0	4	13
pyrene	air+aerosol	0.06	0.05	0.05	2.13	0.02	0.05	0.19	90.4	0	12
pyrene	pm10	0.06	0.03	0.05	1.51	0.04	0.04	0.14	99.9	0	12

FI0050R Hyytiälä
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
anthracene	pm10	0.02	0.02	0.01	2.60	0.00	0.01	0.06	99.9	0	12
benz_a_anthracene	pm10	0.07	0.05	0.06	1.97	0.02	0.05	0.21	99.9	0	12
benzo_a_pyrene	pm10	0.09	0.06	0.07	2.13	0.03	0.08	0.23	99.9	0	12
benzo_bk_fluoranthènes	pm10	0.21	0.17	0.16	2.19	0.06	0.14	0.64	99.9	0	12
benzo_ghi_ptylene	pm10	0.11	0.07	0.09	1.84	0.04	0.08	0.24	99.9	0	12
chrysene	pm10	0.11	0.09	0.09	1.98	0.04	0.08	0.37	99.9	0	12
dibenzo_ac_ah_anthracenes	pm10	0.01	0.01	0.01	1.38	0.01	0.01	0.04	99.9	0	12
fluoranthene	pm10	0.26	0.23	0.20	2.16	0.07	0.19	0.86	99.9	0	12
indén_123cd_pyrene	pm10	0.08	0.06	0.06	1.92	0.03	0.06	0.22	99.9	0	12
phenanthrene	pm10	0.15	0.17	0.10	2.58	0.04	0.10	0.61	99.9	0	12
pyrene	pm10	0.26	0.21	0.20	2.03	0.09	0.19	0.82	99.9	0	12

FR0009R Revin
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.04	0.07	0.02	2.75	0.01	0.01	0.35	16.2	33	59
benzo_a_pyrene	pm10	0.06	0.10	0.03	2.46	0.02	0.02	0.52	16.2	35	59
benzo_b_fluoranthene	pm10	0.10	0.16	0.05	2.90	0.02	0.05	0.86	16.2	23	59
benzo_k_fluoranthene	pm10	0.04	0.07	0.03	2.19	0.02	0.02	0.36	16.2	42	59
dibenzo_ah_anthracene	pm10	0.02	0.02	0.02	1.58	0.02	0.02	0.16	16.2	53	59
indén_123cd_pyrene	pm10	0.08	0.13	0.04	2.78	0.02	0.04	0.67	16.2	26	59

FR0013R Peyrusse Vieille
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.01	0.02	0.01	1.75	0.01	0.01	0.11	16.4	49	60
benzo_a_pyrene	pm10	0.03	0.03	0.02	1.81	0.02	0.02	0.17	16.4	49	60
benzo_b_fluoranthene	pm10	0.05	0.07	0.03	2.40	0.02	0.02	0.35	16.4	41	60
benzo_k_fluoranthene	pm10	0.03	0.02	0.02	1.67	0.02	0.02	0.14	16.4	50	60
dibenzo_ah_anthracene	pm10	0.02	0.01	0.02	1.33	0.02	0.02	0.07	16.4	56	60
indén_123cd_pyrene	pm10	0.04	0.06	0.03	2.26	0.02	0.02	0.30	16.4	42	60

FR0023R Saint-Nazaire-le-Dâsert
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.05	0.10	0.02	3.14	0.01	0.01	0.54	16.7	36	61
benzo_a_pyrene	pm10	0.07	0.13	0.04	2.82	0.02	0.02	0.76	16.7	38	61
benzo_b_fluoranthene	pm10	0.10	0.16	0.05	3.07	0.02	0.04	1.00	16.7	29	61
benzo_k_fluoranthene	pm10	0.05	0.08	0.03	2.32	0.02	0.02	0.47	16.7	41	61
dibenzo_ah_anthracene	pm10	0.02	0.02	0.02	1.54	0.02	0.02	0.14	16.7	55	61
indén_123cd_pyrene	pm10	0.09	0.14	0.04	2.97	0.02	0.02	0.76	16.7	32	61

FR0024R Guipry
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.04	0.10	0.02	2.77	0.01	0.01	0.68	17.0	43	62
benzo_a_pyrene	pm10	0.07	0.15	0.03	2.81	0.02	0.02	0.85	17.0	42	62
benzo_b_fluoranthene	pm10	0.11	0.22	0.04	3.32	0.02	0.02	1.37	17.0	35	62
benzo_k_fluoranthene	pm10	0.05	0.10	0.03	2.41	0.02	0.02	0.57	17.0	43	62
dibenzo_ah_anthracene	pm10	0.03	0.04	0.02	1.75	0.02	0.02	0.28	17.0	51	62
indén_123cd_pyrene	pm10	0.10	0.19	0.04	3.28	0.02	0.02	1.06	17.0	36	62

FR0025R Verneuil
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.06	0.14	0.02	3.45	0.01	0.01	0.85	16.7	40	61
benzo_a_pyrene	pm10	0.09	0.18	0.04	3.11	0.02	0.02	1.10	16.7	37	61
benzo_b_fluoranthene	pm10	0.12	0.22	0.05	3.52	0.02	0.02	1.19	16.7	32	61
benzo_k_fluoranthene	pm10	0.06	0.10	0.03	2.62	0.02	0.02	0.59	16.7	41	61
dibenzo_ah_anthracene	pm10	0.03	0.04	0.02	1.87	0.02	0.02	0.23	16.7	50	61
indén_123cd_pyrene	pm10	0.11	0.19	0.05	3.39	0.02	0.02	1.01	16.7	31	61

GB0014R High Muffles
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
anthanthrene	aerosol	0.01	0.01	0.01	1.76	0.00	0.00	0.03	100.0	11	12
benz_a_anthracene	aerosol	0.02	0.03	0.01	3.08	0.00	0.00	0.07	100.0	8	12
benzo_a_pyrene	aerosol	0.04	0.05	0.01	4.35	0.00	0.00	0.16	100.0	7	12
benzo_b_fluoranthene	aerosol	0.10	0.14	0.05	3.52	0.00	0.05	0.49	100.0	1	12
benzo_e_pyrene	aerosol	0.06	0.09	0.02	5.43	0.00	0.01	0.27	100.0	6	12
benzo_ghi_ptylene	aerosol	0.06	0.08	0.02	4.29	0.00	0.03	0.29	100.0	4	12
benzo_k_fluoranthene	aerosol	0.04	0.05	0.02	4.32	0.00	0.02	0.18	100.0	6	12
chrysene	aerosol	0.03	0.05	0.01	4.05	0.00	0.00	0.15	100.0	8	12
coronene	aerosol	0.01	0.02	0.01	2.74	0.00	0.00	0.08	100.0	9	12
cyclopenta_cd_pyrene	aerosol	0.01	0.01	0.01	2.27	0.00	0.00	0.04	100.0	10	12
dibenzo_ah_anthracene	aerosol	0.01	0.01	0.01	2.15	0.00	0.00	0.05	100.0	10	12
dibenzo_ai_pyrene	aerosol	0.02	0.02	0.01	3.14	0.00	0.00	0.07	100.0	8	12
inden_123cd_pyrene	aerosol	0.04	0.05	0.02	3.69	0.00	0.02	0.19	100.0	4	12
ptylene	aerosol	0.00	0.00	0.00	1.00	0.00	0.00	0.00	100.0	12	12

GB0048R Auchencorth Moss
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
anthanthrene	pm10	0.00	0.00	0.00	1.08	0.00	0.00	0.01	100.0	12	12
benz_a_anthracene	pm10	0.01	0.01	0.01	2.18	0.00	0.00	0.04	100.0	10	12
benzo_a_pyrene	pm10	0.01	0.01	0.01	2.17	0.00	0.00	0.03	100.0	10	12
benzo_b_fluoranthene	pm10	0.02	0.03	0.01	3.53	0.00	0.00	0.07	100.0	8	12
benzo_e_pyrene	pm10	0.01	0.02	0.01	2.79	0.00	0.00	0.05	100.0	9	12
benzo_ghi_ptylene	pm10	0.03	0.04	0.02	3.93	0.00	0.02	0.11	100.0	6	12
benzo_k_fluoranthene	pm10	0.01	0.01	0.01	2.34	0.00	0.00	0.03	100.0	8	12
chrysene	pm10	0.01	0.02	0.01	2.68	0.00	0.00	0.06	100.0	10	12
coronene	pm10	0.01	0.01	0.01	1.79	0.00	0.00	0.03	100.0	11	12
cyclopenta_cd_pyrene	pm10	0.00	0.00	0.00	1.07	0.00	0.00	0.01	100.0	12	12
dibenzo_ae_pyrene	pm10	0.00	0.00	0.00	1.08	0.00	0.00	0.01	100.0	12	12
dibenzo_ah_anthracene	pm10	0.00	0.00	0.00	1.08	0.00	0.00	0.01	100.0	12	12
dibenzo_ah_pyrene	pm10	0.00	0.00	0.00	1.08	0.00	0.00	0.01	100.0	12	12
dibenzo_ai_pyrene	pm10	0.01	0.01	0.01	2.05	0.00	0.00	0.03	100.0	10	12
inden_123cd_pyrene	pm10	0.02	0.02	0.01	3.29	0.00	0.01	0.07	100.0	6	12
ptylene	pm10	0.00	0.00	0.00	1.08	0.00	0.00	0.01	100.0	12	12

GB1055R Chilbolton Observatory
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
anthanthrene	pm10	0.02	0.03	0.01	2.70	0.00	0.00	0.10	100.0	9	12
benz_a_anthracene	pm10	0.05	0.08	0.02	4.64	0.00	0.01	0.30	100.0	6	12
benzo_a_pyrene	pm10	0.08	0.10	0.03	4.79	0.00	0.04	0.35	100.0	4	12
benzo_b_fluoranthene	pm10	0.14	0.14	0.09	2.87	0.02	0.10	0.48	100.0	0	12
benzo_e_pyrene	pm10	0.10	0.11	0.05	3.38	0.00	0.06	0.37	100.0	1	12
benzo_ghi_ptylene	pm10	0.11	0.14	0.06	3.36	0.00	0.07	0.54	100.0	1	12
benzo_k_fluoranthene	pm10	0.03	0.05	0.02	3.56	0.00	0.02	0.17	100.0	5	12
chrysene	pm10	0.09	0.14	0.03	5.09	0.00	0.03	0.49	100.0	4	12
coronene	pm10	0.03	0.05	0.01	3.58	0.00	0.01	0.17	100.0	7	12
cyclopenta_cd_pyrene	pm10	0.03	0.05	0.01	3.79	0.00	0.00	0.18	100.0	8	12
dibenzo_ae_pyrene	pm10	0.01	0.02	0.01	2.48	0.00	0.00	0.08	100.0	10	12
dibenzo_ah_anthracene	pm10	0.02	0.02	0.01	2.83	0.00	0.01	0.07	100.0	6	12
dibenzo_ah_pyrene	pm10	0.00	0.00	0.00	1.09	0.00	0.00	0.01	100.0	12	12
dibenzo_ai_pyrene	pm10	0.04	0.04	0.02	3.71	0.00	0.03	0.15	100.0	5	12
inden_123cd_pyrene	pm10	0.09	0.11	0.05	3.10	0.00	0.06	0.40	100.0	1	12
ptylene	pm10	0.01	0.02	0.01	2.24	0.00	0.00	0.07	100.0	11	12

IS0091R Storfoddi
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
BDE_100	air+aerosol	0.18	0.04	0.18	1.21	0.12	0.18	0.28	100.0	25	25
BDE_47	air+aerosol	0.18	0.04	0.18	1.21	0.12	0.18	0.28	100.0	25	25
BDE_99	air+aerosol	0.18	0.04	0.18	1.21	0.12	0.18	0.28	100.0	25	25
HCB	air+aerosol	4.68	1.90	4.49	1.48	2.42	4.40	8.35	100.0	0	25
PCB_101	air+aerosol	0.71	0.37	0.60	1.78	0.18	0.60	1.37	100.0	2	25
PCB_105	air+aerosol	0.18	0.04	0.18	1.21	0.12	0.18	0.28	100.0	25	25
PCB_118	air+aerosol	0.18	0.04	0.18	1.21	0.12	0.18	0.28	100.0	25	25
PCB_138	air+aerosol	0.18	0.04	0.18	1.21	0.12	0.18	0.28	100.0	25	25
PCB_153	air+aerosol	0.18	0.04	0.18	1.21	0.12	0.18	0.28	100.0	25	25
PCB_156	air+aerosol	0.18	0.04	0.18	1.21	0.12	0.18	0.28	100.0	25	25
PCB_180	air+aerosol	0.18	0.04	0.18	1.21	0.12	0.18	0.28	100.0	25	25
PCB_28	air+aerosol	2.14	0.76	1.99	1.54	0.47	2.10	3.36	100.0	1	25
PCB_31	air+aerosol	2.25	1.35	1.82	1.91	0.47	1.81	5.09	100.0	2	25
PCB_52	air+aerosol	2.21	0.94	1.96	1.59	0.79	1.92	3.70	100.0	0	25
alpha_HCH	air+aerosol	1.16	0.37	1.13	1.38	0.63	1.17	2.04	100.0	0	25
beta_HCH	air+aerosol	0.22	0.06	0.21	1.31	0.12	0.20	0.35	100.0	25	25
cis_CD	air+aerosol	0.38	0.11	0.35	1.42	0.18	0.41	0.49	100.0	7	25
dieldrin	air+aerosol	0.26	0.10	0.24	1.44	0.14	0.20	0.52	100.0	17	25
gamma_HCH	air+aerosol	1.44	0.32	1.39	1.27	0.71	1.45	2.14	100.0	0	25
op_DDT	air+aerosol	0.18	0.04	0.18	1.21	0.12	0.18	0.28	100.0	25	25
pp_DDD	air+aerosol	0.18	0.04	0.18	1.21	0.12	0.18	0.28	100.0	25	25
pp_DDE	air+aerosol	0.18	0.04	0.18	1.21	0.12	0.18	0.28	100.0	25	25
pp_DDT	air+aerosol	0.18	0.04	0.18	1.21	0.12	0.18	0.28	100.0	25	25
trans_CD	air+aerosol	0.18	0.04	0.18	1.21	0.12	0.18	0.28	100.0	25	25
trans_NO	air+aerosol	0.28	0.09	0.26	1.38	0.16	0.24	0.45	100.0	14	25

LV0010R Rucava
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.18	0.20	0.08	4.34	0.01	0.13	0.63	47.9	8	25
benzo_a_pyrene	pm10	0.23	0.23	0.11	4.35	0.01	0.15	0.72	47.9	4	25
benzo_b_fluoranthene	pm10	0.31	0.32	0.14	4.89	0.01	0.23	1.17	47.9	5	25
benzo_k_fluoranthene	pm10	0.16	0.15	0.08	3.82	0.01	0.12	0.52	47.9	6	25
dibenzo_ah_anthracene	pm10	0.03	0.04	0.02	2.48	0.01	0.01	0.12	47.9	20	25
inden_123cd_pyrene	pm10	0.27	0.26	0.13	4.52	0.01	0.20	0.81	47.9	7	25

NL0091R De Zilk
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.06	0.17	0.02	3.37	0.00	0.01	1.07	49.9	0	183
benzo_a_pyrene	pm10	0.07	0.18	0.03	3.12	0.01	0.02	1.09	49.9	0	182
benzo_bjk_fluoranthene	pm10	0.06	0.14	0.03	3.09	0.01	0.02	0.78	49.9	0	182
benzo_ghi_perylene	pm10	0.11	0.21	0.05	2.86	0.01	0.04	1.19	49.9	0	182
chrysenes	pm10	0.10	0.28	0.04	3.03	0.01	0.03	1.86	49.9	0	182
dibenzo_ah_anthracene	pm10	0.02	0.04	0.01	2.77	0.00	0.01	0.26	49.9	0	182
indeno_123cd_ptylene	pm10	0.12	0.24	0.05	2.95	0.01	0.04	1.33	49.9	0	182

NO0002R Birkenes II
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
1-methylnaphthalene	air+aerosol	0.05	0.06	0.03	2.70	0.01	0.03	0.30	14.2	3	52
1-methylphenanthrene	air+aerosol	0.04	0.04	0.03	2.32	0.00	0.04	0.20	12.9	1	47
2-methylantracene	air+aerosol	0.01	0.01	0.00	2.20	0.00	0.00	0.03	5.7	21	21
2-methylnaphthalene	air+aerosol	0.07	0.07	0.04	2.46	0.01	0.04	0.35	14.2	3	52
2-methylphenanthrene	air+aerosol	0.06	0.04	0.04	2.32	0.00	0.05	0.22	14.2	1	52
3-methylphenanthrene	air+aerosol	0.05	0.03	0.04	2.04	0.00	0.04	0.14	14.0	1	51
9-methylphenanthrene	air+aerosol	0.02	0.01	0.02	1.85	0.00	0.02	0.09	14.2	1	52
BDE_100	air+aerosol	0.01	0.00	0.00	1.63	0.00	0.00	0.01	50.6	0	12
BDE_119	air+aerosol	0.00	0.00	0.00	1.50	0.00	0.00	0.00	46.3	8	11
BDE_138	air+aerosol	0.00	0.00	0.00	1.26	0.00	0.00	0.00	41.9	9	10
BDE_153	air+aerosol	0.01	0.01	0.00	2.33	0.00	0.00	0.02	41.9	3	10
BDE_154	air+aerosol	0.01	0.01	0.00	2.40	0.00	0.00	0.02	41.9	0	10
BDE_183	air+aerosol	0.01	0.01	0.01	2.61	0.00	0.01	0.05	41.9	0	10
BDE_196	air+aerosol	0.01	0.01	0.01	1.84	0.00	0.00	0.02	33.1	5	8
BDE_206	air+aerosol	0.05	0.03	0.04	1.79	0.02	0.03	0.09	41.9	2	10
BDE_209	air+aerosol	0.36	0.26	0.27	2.13	0.10	0.22	0.85	41.9	0	10
BDE_28	air+aerosol	0.01	0.00	0.01	1.32	0.00	0.01	0.01	50.6	0	12
BDE_47	air+aerosol	0.05	0.01	0.05	1.27	0.04	0.05	0.07	50.6	2	12
BDE_49	air+aerosol	0.01	0.01	0.01	1.59	0.00	0.01	0.02	46.3	0	11
BDE_66	air+aerosol	0.01	0.00	0.01	1.58	0.00	0.01	0.02	50.6	1	12
BDE_71	air+aerosol	0.00	0.00	0.00	1.61	0.00	0.00	0.00	50.6	4	12
BDE_77	air+aerosol	0.00	0.00	0.00	1.54	0.00	0.00	0.00	46.3	8	11
BDE_85	air+aerosol	0.00	0.00	0.00	1.89	0.00	0.00	0.01	50.6	8	12
BDE_99	air+aerosol	0.04	0.04	0.03	1.98	0.01	0.02	0.14	50.6	0	12
FTS_6-2	air+aerosol	0.03	0.00	0.03	1.03	0.03	0.03	0.03	47.4	18	19
HCB	air+aerosol	51.04	14.86	46.41	1.86	0.92	52.60	76.60	13.6	0	50
PCB_101	air+aerosol	0.54	0.44	0.40	2.19	0.03	0.37	1.62	13.4	1	49
PCB_105	air+aerosol	0.03	0.03	0.03	2.01	0.01	0.03	0.13	13.4	1	49
PCB_114	air+aerosol	0.01	0.00	0.01	1.11	0.01	0.01	0.01	13.4	47	49
PCB_118	air+aerosol	0.14	0.12	0.10	2.23	0.01	0.09	0.44	13.4	1	49
PCB_122	air+aerosol	0.01	0.00	0.01	1.45	0.01	0.01	0.03	13.4	41	49
PCB_123	air+aerosol	0.01	0.00	0.01	1.19	0.01	0.01	0.02	13.4	46	49
PCB_128	air+aerosol	0.03	0.04	0.02	2.65	0.00	0.02	0.14	13.4	4	49
PCB_138	air+aerosol	0.28	0.35	0.15	2.76	0.02	0.13	1.22	13.4	1	49
PCB_141	air+aerosol	0.09	0.12	0.04	2.91	0.01	0.04	0.40	13.4	1	49
PCB_149	air+aerosol	0.44	0.47	0.29	2.53	0.02	0.24	1.72	13.4	1	49
PCB_153	air+aerosol	0.41	0.48	0.25	2.60	0.03	0.21	1.66	13.4	1	49
PCB_156	air+aerosol	0.02	0.02	0.01	2.51	0.00	0.01	0.08	13.4	17	49
PCB_157	air+aerosol	0.00	0.00	0.00	1.24	0.00	0.00	0.01	13.4	40	49
PCB_167	air+aerosol	0.01	0.01	0.01	2.29	0.00	0.00	0.04	13.4	26	49
PCB_170	air+aerosol	0.03	0.04	0.02	2.69	0.01	0.01	0.14	13.4	9	49
PCB_18	air+aerosol	1.05	0.77	0.86	1.89	0.10	0.87	3.84	13.6	0	50
PCB_180	air+aerosol	0.09	0.12	0.05	2.77	0.01	0.04	0.41	13.1	1	48
PCB_183	air+aerosol	0.04	0.05	0.02	2.82	0.00	0.02	0.17	13.1	1	48
PCB_187	air+aerosol	0.09	0.10	0.06	2.54	0.01	0.05	0.36	13.4	1	49
PCB_189	air+aerosol	0.00	0.00	0.00	1.07	0.00	0.00	0.01	13.6	43	50
PCB_194	air+aerosol	0.01	0.00	0.01	1.35	0.01	0.01	0.02	13.6	39	50
PCB_206	air+aerosol	0.00	0.00	0.00	1.06	0.00	0.00	0.01	13.6	47	50
PCB_209	air+aerosol	0.01	0.00	0.00	1.20	0.00	0.00	0.02	13.6	47	50
PCB_28	air+aerosol	0.61	0.48	0.50	1.85	0.05	0.46	3.04	13.6	1	50
PCB_31	air+aerosol	0.57	0.42	0.48	1.85	0.04	0.44	2.43	13.6	1	50
PCB_33	air+aerosol	0.30	0.22	0.25	1.81	0.03	0.24	1.25	13.6	1	50
PCB_37	air+aerosol	0.05	0.04	0.04	1.80	0.01	0.04	0.20	13.6	1	50
PCB_47	air+aerosol	0.70	0.39	0.61	1.74	0.19	0.63	2.04	13.4	0	49
PCB_52	air+aerosol	0.67	0.43	0.58	1.80	0.04	0.58	2.64	13.4	1	49
PCB_66	air+aerosol	0.16	0.11	0.13	1.84	0.01	0.14	0.60	13.4	1	49
PCB_74	air+aerosol	0.12	0.09	0.10	1.87	0.01	0.10	0.50	13.4	1	49
PCB_99	air+aerosol	0.14	0.09	0.12	1.84	0.01	0.12	0.55	13.4	1	49
PFBS	air+aerosol	0.03	0.00	0.03	1.00	0.03	0.03	0.03	47.4	19	19
PFHpA	air+aerosol	0.06	0.05	0.05	1.99	0.03	0.04	0.17	47.4	8	19
PFHxA	air+aerosol	0.12	0.11	0.06	2.81	0.03	0.03	0.33	47.4	12	19
PFHxS	air+aerosol	0.03	0.00	0.03	1.00	0.03	0.03	0.03	47.4	19	19
PFNA	air+aerosol	0.08	0.05	0.06	1.95	0.03	0.05	0.18	47.4	3	19
PFOA	air+aerosol	0.14	0.09	0.11	1.90	0.03	0.11	0.42	47.4	0	19
PFOS	air+aerosol	0.05	0.01	0.05	1.13	0.05	0.05	0.09	47.4	18	19
PFOSA	air+aerosol	0.03	0.00	0.03	1.00	0.03	0.03	0.03	47.4	19	19
PFUNA	air+aerosol	0.03	0.01	0.03	1.27	0.01	0.03	0.05	47.4	14	19
TBA	air+aerosol	4.18	3.29	3.12	2.28	0.93	3.08	10.20	50.6	0	12
a_HBCD	air+aerosol	0.05	0.04	0.04	1.61	0.04	0.04	0.18	50.7	10	12
acenaphthene	air+aerosol	0.12	0.22	0.07	2.66	0.00	0.07	1.39	14.2	2	52
acenaphthylene	air+aerosol	0.03	0.08	0.01	4.06	0.00	0.01	0.50	14.2	12	52
alpha_HCH	air+aerosol	3.74	2.18	2.75	3.04	0.11	3.51	8.65	3.3	0	12
anthanthrene	air+aerosol	0.00	0.01	0.00	2.13	0.00	0.00	0.06	14.2	40	52
anthracene	air+aerosol	0.02	0.03	0.01	3.07	0.00	0.01	0.19	13.4	7	49
b_HBCD	air+aerosol	0.04	0.00	0.04	1.12	0.03	0.03	0.05	46.3	11	11
benz_a_anthracene	air+aerosol	0.01	0.01	0.01	3.20	0.00	0.01	0.07	14.2	5	52
benzo_a_fluoranthene	air+aerosol	0.00	0.00	0.00	2.32	0.00	0.00	0.02	14.0	31	51
benzo_a_fluorene	air+aerosol	0.01	0.01	0.01	2.52	0.00	0.01	0.04	14.2	4	52
benzo_a_pyrene	air+aerosol	0.01	0.02	0.01	3.17	0.00	0.00	0.07	14.2	6	52
benzo_b_fluoranthene	air+aerosol	0.05	0.06	0.03	3.65	0.00	0.03	0.37	12.9	2	47
benzo_b_fluorene	air+aerosol	0.01	0.00	0.00	2.35	0.00	0.00	0.02	14.0	8	51
benzo_e_pyrene	air+aerosol	0.03	0.04	0.02	3.41	0.00	0.02	0.21	14.2	3	52
benzo_ghi_fluoranthene	air+aerosol	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.8	3	3
benzo_ghi_ptylene	air+aerosol	0.03	0.02	0.02	3.14	0.00	0.02	0.14	14.2	4	52
benzo_k_fluoranthene	air+aerosol	0.01	0.01	0.01	3.06	0.00	0.01	0.09	14.2	5	52
biphenyl	air+aerosol	0.14	0.18	0.08	3.04	0.01	0.09	0.83	14.2	5	52
chrysenes	air+aerosol	0.05	0.07	0.03	3.59	0.00	0.03	0.36	14.2	3	52
coronene	air+aerosol	0.01	0.02	0.01	2.66	0.00	0.01	0.11	14.2	12	52
cyclopenta_cd_ptyrene	air+aerosol	0.00	0.00	0.00	2.33	0.00	0.00	0.01	1.9	5	7

NO0002R Birkenes II (cont.)
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
dibenzo_ae_pyrene	air+aerosol	0.01	0.02	0.01	2.12	0.00	0.00	0.17	14.2	31	52
dibenzo_ah_anthracene	air+aerosol	0.01	0.01	0.00	2.51	0.00	0.00	0.08	14.0	21	51
dibenzo_ah_pyrene	air+aerosol	0.01	0.03	0.00	1.89	0.00	0.00	0.25	14.2	52	52
dibenzo_ai_pyrene	air+aerosol	0.01	0.03	0.00	1.88	0.00	0.00	0.23	14.2	51	52
dibenzofuran	air+aerosol	0.54	0.46	0.34	3.38	0.00	0.38	2.13	14.2	1	52
dibenzothiophene	air+aerosol	0.03	0.03	0.02	2.72	0.00	0.02	0.13	13.4	2	49
fluoranthene	air+aerosol	0.15	0.10	0.12	2.05	0.01	0.13	0.48	14.2	1	52
fluorene	air+aerosol	0.40	0.28	0.28	2.98	0.00	0.33	1.51	14.2	1	52
g_HBCD	air+aerosol	0.03	0.02	0.03	1.44	0.03	0.03	0.09	50.7	11	12
gamma_HCH	air+aerosol	2.33	3.17	1.21	3.36	0.13	1.05	11.50	3.3	0	12
inden_123cd_pyrene	air+aerosol	0.02	0.02	0.01	3.23	0.00	0.01	0.12	14.2	4	52
naphthalene	air+aerosol	0.12	0.14	0.07	2.62	0.03	0.05	0.58	14.2	16	52
op_DDD	air+aerosol	0.03	0.01	0.03	1.19	0.02	0.02	0.05	3.3	11	12
op_DDE	air+aerosol	0.06	0.03	0.05	1.52	0.04	0.04	0.16	3.3	5	12
op_DDT	air+aerosol	0.16	0.20	0.11	2.27	0.04	0.11	0.76	3.3	2	12
perylene	air+aerosol	0.00	0.00	0.00	2.10	0.00	0.00	0.01	14.2	28	52
phenanthrene	air+aerosol	0.78	0.51	0.62	2.29	0.01	0.72	3.23	14.2	1	52
pp_DDD	air+aerosol	0.03	0.00	0.03	1.04	0.02	0.02	0.03	3.3	11	12
pp_DDE	air+aerosol	0.60	0.55	0.44	2.38	0.05	0.45	2.21	3.3	1	12
pp_DDT	air+aerosol	0.18	0.19	0.13	2.29	0.05	0.15	0.68	2.7	2	10
pyrene	air+aerosol	0.09	0.06	0.07	2.21	0.01	0.06	0.27	13.4	1	49
retene	air+aerosol	0.05	0.05	0.04	2.58	0.00	0.03	0.29	14.2	0	52
sum_DDT	air+aerosol	1.04	0.95	0.81	1.98	0.24	0.82	3.88	3.3	0	12
sum_FCB	air+aerosol	10.48	7.02	8.59	1.92	0.80	8.18	32.61	13.4	0	49
sum_heptachlor_PCB	air+aerosol	0.37	0.48	0.20	2.98	0.02	0.17	1.71	13.4	2	49
sum_hexachlor_PCB	air+aerosol	1.95	2.25	1.17	2.71	0.09	1.03	7.99	13.4	1	49
sum_pentachlor_PCB	air+aerosol	1.35	1.10	0.99	2.27	0.09	0.94	4.24	13.4	1	49
sum_tetrachlor_PCB	air+aerosol	3.12	1.91	2.70	1.75	0.32	2.82	11.40	13.4	0	49
sum_trichlor_PCB	air+aerosol	3.64	2.67	3.01	1.87	0.27	2.79	15.10	13.6	0	50

NO0042G Zeppelin mountain (Ny-Å.lesund)
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
1-methylnaphthalene	air+aerosol	0.07	0.13	0.03	3.52	0.00	0.02	0.73	27.1	1	49
1-methylphenanthrene	air+aerosol	0.00	0.00	0.00	2.02	0.00	0.00	0.02	27.2	22	49
2-methylanthracene	air+aerosol	0.00	0.00	0.00	1.58	0.00	0.00	0.01	11.6	20	21
2-methylnaphthalene	air+aerosol	0.08	0.13	0.04	3.08	0.01	0.03	0.69	27.1	0	49
2-methylphenanthrene	air+aerosol	0.00	0.00	0.00	2.01	0.00	0.00	0.02	27.7	12	50
3-methylphenanthrene	air+aerosol	0.00	0.00	0.00	2.07	0.00	0.00	0.03	26.0	14	47
9-methylphenanthrene	air+aerosol	0.00	0.00	0.00	1.88	0.00	0.00	0.02	27.7	22	50
BDE_100	air+aerosol	0.01	0.01	0.01	1.75	0.00	0.01	0.04	40.7	1	50
BDE_119	air+aerosol	0.00	0.00	0.00	1.46	0.00	0.00	0.01	41.6	44	51
BDE_138	air+aerosol	0.00	0.00	0.00	1.04	0.00	0.00	0.00	40.7	50	50
BDE_153	air+aerosol	0.00	0.00	0.00	1.44	0.00	0.00	0.01	39.9	31	49
BDE_154	air+aerosol	0.00	0.00	0.00	1.48	0.00	0.00	0.01	39.1	22	48
BDE_183	air+aerosol	0.00	0.00	0.00	1.23	0.00	0.00	0.01	41.6	35	51
BDE_196	air+aerosol	0.01	0.00	0.01	1.35	0.01	0.01	0.02	39.9	46	49
BDE_206	air+aerosol	0.19	0.22	0.11	2.89	0.03	0.09	0.84	40.7	9	50
BDE_209	air+aerosol	5.75	8.12	2.35	4.20	0.11	1.91	34.20	39.1	1	48
BDE_28	air+aerosol	0.01	0.00	0.01	1.52	0.00	0.01	0.03	41.6	3	51
BDE_47	air+aerosol	0.13	0.09	0.12	1.67	0.05	0.12	0.58	41.6	1	51
BDE_49	air+aerosol	0.01	0.00	0.01	1.64	0.00	0.01	0.02	41.6	5	51
BDE_66	air+aerosol	0.01	0.03	0.01	1.99	0.00	0.00	0.19	40.7	39	50
BDE_71	air+aerosol	0.00	0.00	0.00	1.44	0.00	0.00	0.01	40.8	42	50
BDE_77	air+aerosol	0.00	0.00	0.00	1.03	0.00	0.00	0.00	40.8	49	50
BDE_85	air+aerosol	0.00	0.00	0.00	1.11	0.00	0.00	0.00	39.9	45	49
BDE_99	air+aerosol	0.03	0.02	0.02	1.76	0.01	0.02	0.09	41.6	11	51
FTS_6-2	air+aerosol	0.02	0.00	0.02	1.00	0.02	0.02	0.02	43.0	13	13
HCB	air+aerosol	76.22	6.66	75.83	1.09	60.70	75.45	91.20	25.1	0	46
PCB_101	air+aerosol	0.24	0.08	0.22	1.41	0.10	0.22	0.44	23.4	0	43
PCB_105	air+aerosol	0.02	0.01	0.02	1.57	0.01	0.02	0.05	22.3	0	41
PCB_114	air+aerosol	0.00	0.00	0.00	1.05	0.00	0.00	0.01	23.4	41	43
PCB_118	air+aerosol	0.07	0.03	0.07	1.54	0.03	0.07	0.17	22.9	0	42
PCB_122	air+aerosol	0.00	0.00	0.00	1.03	0.00	0.00	0.00	23.4	41	43
PCB_123	air+aerosol	0.00	0.00	0.00	1.23	0.00	0.00	0.01	22.6	38	42
PCB_128	air+aerosol	0.01	0.00	0.01	1.54	0.00	0.01	0.02	22.3	0	41
PCB_138	air+aerosol	0.06	0.02	0.06	1.47	0.03	0.06	0.12	23.4	0	43
PCB_141	air+aerosol	0.01	0.01	0.01	1.44	0.01	0.01	0.03	21.8	0	40
PCB_149	air+aerosol	0.11	0.04	0.11	1.38	0.06	0.10	0.20	21.8	0	40
PCB_153	air+aerosol	0.09	0.03	0.08	1.48	0.04	0.08	0.17	21.8	0	40
PCB_156	air+aerosol	0.00	0.00	0.00	1.37	0.00	0.00	0.01	22.9	11	42
PCB_157	air+aerosol	0.00	0.00	0.00	1.06	0.00	0.00	0.00	22.9	39	42
PCB_167	air+aerosol	0.00	0.00	0.00	1.18	0.00	0.00	0.00	21.8	25	40
PCB_170	air+aerosol	0.00	0.00	0.00	1.35	0.00	0.00	0.01	22.3	10	41
PCB_18	air+aerosol	1.09	0.60	0.94	1.72	0.36	0.94	3.04	22.9	0	42
PCB_180	air+aerosol	0.01	0.01	0.01	1.48	0.01	0.01	0.03	22.3	0	41
PCB_183	air+aerosol	0.01	0.00	0.01	1.52	0.00	0.01	0.01	21.8	1	40
PCB_187	air+aerosol	0.02	0.01	0.02	1.47	0.01	0.02	0.04	22.3	0	41
PCB_189	air+aerosol	0.00	0.00	0.00	1.07	0.00	0.00	0.00	22.3	41	41
PCB_194	air+aerosol	0.00	0.00	0.00	1.07	0.00	0.00	0.00	22.3	41	41
PCB_206	air+aerosol	0.00	0.00	0.00	1.07	0.00	0.00	0.00	22.3	41	41
PCB_209	air+aerosol	0.00	0.00	0.00	1.35	0.00	0.00	0.01	22.3	26	41
PCB_28	air+aerosol	0.99	0.45	0.90	1.50	0.40	0.88	2.66	22.9	0	42
PCB_31	air+aerosol	0.90	0.39	0.82	1.48	0.36	0.83	2.32	22.9	0	42
PCB_33	air+aerosol	0.64	0.32	0.58	1.54	0.28	0.55	1.64	22.9	0	42
PCB_37	air+aerosol	0.14	0.09	0.12	1.63	0.06	0.11	0.48	22.9	0	42
PCB_47	air+aerosol	0.28	0.11	0.26	1.44	0.12	0.26	0.64	24.0	0	44
PCB_52	air+aerosol	0.50	0.18	0.46	1.44	0.20	0.48	0.94	24.0	0	44
PCB_66	air+aerosol	0.15	0.08	0.14	1.49	0.07	0.13	0.47	24.0	0	44
PCB_74	air+aerosol	0.11	0.04	0.10	1.43	0.04	0.10	0.23	24.0	0	44
PCB_99	air+aerosol	0.09	0.04	0.08	1.56	0.04	0.09	0.21	23.4	0	43
PFBS	air+aerosol	0.02	0.00	0.02	1.00	0.02	0.02	0.02	43.0	13	13
PFHpA	air+aerosol	0.06	0.03	0.05	1.71	0.03	0.04	0.13	43.0	0	13
PFHxA	air+aerosol	0.13	0.07	0.10	1.99	0.02	0.10	0.24	43.0	1	13
PFHxS	air+aerosol	0.02	0.00	0.02	1.00	0.02	0.02	0.02	43.0	13	13
PFNA	air+aerosol	0.05	0.04	0.04	2.03	0.02	0.04	0.14	43.0	1	13
PFOA	air+aerosol	0.10	0.10	0.08	1.95	0.04	0.07	0.42	43.0	0	13
PFOS	air+aerosol	0.04	0.00	0.04	1.00	0.04	0.04	0.04	43.0	13	13
PFOA	air+aerosol	0.04	0.04	0.03	2.21	0.01	0.03	0.14	43.0	4	13
PFUnA	air+aerosol	0.02	0.00	0.02	1.00	0.02	0.02	0.02	43.0	13	13
TBA	air+aerosol	9.40	13.27	5.04	2.97	0.36	4.80	59.80	41.6	0	51

NO0042G Zeppelin mountain (Ny-Ålesund) (cont.)
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
a_HBCD	air+aerosol	0.08	0.11	0.06	1.76	0.04	0.05	0.59	18.7	20	23
acenaphthene	air+aerosol	0.01	0.01	0.00	2.15	0.00	0.00	0.08	27.7	35	50
acenaphthylene	air+aerosol	0.00	0.00	0.00	2.11	0.00	0.00	0.03	25.5	39	46
alpha_HCH	air+aerosol	3.51	0.76	3.42	1.25	1.99	3.38	4.93	24.5	0	45
anthanthrene	air+aerosol	0.00	0.00	0.00	1.74	0.00	0.00	0.02	27.7	48	50
anthracene	air+aerosol	0.00	0.00	0.00	1.74	0.00	0.00	0.02	26.6	46	48
b_HBCD	air+aerosol	0.05	0.01	0.05	1.13	0.04	0.05	0.08	18.7	22	23
benz_a anthracene	air+aerosol	0.00	0.00	0.00	2.03	0.00	0.00	0.02	27.7	43	50
benzo_a fluoranthene	air+aerosol	0.00	0.00	0.00	1.50	0.00	0.00	0.01	27.7	47	50
benzo_a fluorene	air+aerosol	0.00	0.00	0.00	1.71	0.00	0.00	0.01	27.7	45	50
benzo_a pyrene	air+aerosol	0.00	0.00	0.00	1.99	0.00	0.00	0.02	27.7	43	50
benzo_b fluoranthene	air+aerosol	0.00	0.01	0.00	2.54	0.00	0.00	0.06	26.5	33	48
benzo_b fluorene	air+aerosol	0.00	0.00	0.00	1.56	0.00	0.00	0.01	27.7	47	50
benzo_e pyrene	air+aerosol	0.00	0.00	0.00	2.15	0.00	0.00	0.03	27.7	34	50
benzo_ghi fluoranthene	air+aerosol	0.00	0.00	0.00	1.38	0.00	0.00	0.01	20.0	36	36
benzo_ghi perylene	air+aerosol	0.00	0.01	0.00	2.35	0.00	0.00	0.03	27.7	36	50
benzo_k fluoranthene	air+aerosol	0.00	0.00	0.00	2.05	0.00	0.00	0.02	27.7	40	50
biphenyl	air+aerosol	0.31	0.44	0.09	5.95	0.01	0.10	1.80	27.1	2	49
chrysene	air+aerosol	0.00	0.01	0.00	2.59	0.00	0.00	0.06	27.7	33	50
cis_CD	air+aerosol	0.30	0.06	0.29	1.21	0.20	0.29	0.45	25.5	0	47
cis_NO	air+aerosol	0.03	0.01	0.02	1.63	0.01	0.03	0.05	25.5	1	47
coronene	air+aerosol	0.00	0.01	0.00	2.31	0.00	0.00	0.04	27.7	45	50
cyclopenta_cd pyrene	air+aerosol	0.00	0.00	0.00	1.40	0.00	0.00	0.01	26.0	46	47
dibenzo_ae pyrene	air+aerosol	0.00	0.01	0.00	2.06	0.00	0.00	0.08	27.7	48	50
dibenzo_ah anthracene	air+aerosol	0.00	0.00	0.00	1.87	0.00	0.00	0.03	27.7	47	50
dibenzo_ah pyrene	air+aerosol	0.01	0.02	0.00	2.08	0.00	0.00	0.11	27.7	50	50
dibenzo_ai pyrene	air+aerosol	0.00	0.01	0.00	2.08	0.00	0.00	0.10	27.7	50	50
dibenzofuran	air+aerosol	0.38	0.49	0.14	4.79	0.01	0.14	1.98	27.1	0	49
dibenzothiophene	air+aerosol	0.00	0.00	0.00	2.48	0.00	0.00	0.02	27.7	24	50
fluoranthene	air+aerosol	0.01	0.03	0.01	2.47	0.00	0.00	0.19	27.7	29	50
fluorene	air+aerosol	0.14	0.22	0.04	5.01	0.00	0.03	0.85	27.7	0	50
g_HBCD	air+aerosol	0.04	0.01	0.04	1.20	0.03	0.04	0.08	18.7	22	23
gamma_HCH	air+aerosol	0.45	0.13	0.43	1.35	0.22	0.43	0.76	24.0	0	44
inden_123cd pyrene	air+aerosol	0.00	0.01	0.00	2.20	0.00	0.00	0.03	27.7	35	50
naphthalene	air+aerosol	0.35	0.48	0.16	3.50	0.02	0.16	2.28	26.6	0	48
op_DDD	air+aerosol	0.01	0.00	0.01	1.07	0.01	0.01	0.02	21.3	37	39
op_DDE	air+aerosol	0.04	0.03	0.03	1.86	0.02	0.02	0.14	24.0	21	44
op_DDT	air+aerosol	0.06	0.06	0.04	2.08	0.02	0.04	0.33	20.7	12	38
perylene	air+aerosol	0.00	0.00	0.00	1.44	0.00	0.00	0.01	27.7	48	50
phenanthrene	air+aerosol	0.03	0.05	0.02	2.51	0.01	0.01	0.29	27.7	5	50
pp_DDD	air+aerosol	0.01	0.00	0.01	1.08	0.01	0.01	0.01	21.3	39	39
pp_DDE	air+aerosol	0.23	0.29	0.11	3.21	0.03	0.09	1.70	21.3	3	39
pp_DDT	air+aerosol	0.04	0.02	0.03	1.50	0.02	0.03	0.15	20.2	21	37
pyrene	air+aerosol	0.01	0.01	0.00	1.75	0.00	0.00	0.10	25.5	36	46
retene	air+aerosol	0.00	0.00	0.00	1.54	0.00	0.00	0.02	26.5	33	48
sum_DDT	air+aerosol	0.38	0.39	0.25	2.17	0.12	0.20	2.32	21.3	0	39
sum_PCB	air+aerosol	8.51	3.63	7.76	1.50	3.46	7.42	18.77	20.7	0	38
sum_heptachlor_PCB	air+aerosol	0.05	0.02	0.05	1.49	0.02	0.05	0.10	21.2	0	39
sum_hexachlor_PCB	air+aerosol	0.46	0.16	0.43	1.44	0.22	0.40	0.81	21.8	0	40
sum_pentachlor_PCB	air+aerosol	0.65	0.30	0.58	1.60	0.18	0.57	1.56	22.3	0	41
sum_tetrachlor_PCB	air+aerosol	2.19	0.92	2.02	1.47	0.96	1.90	4.75	24.0	0	44
sum_trichlor_PCB	air+aerosol	5.07	2.29	4.60	1.51	2.05	4.58	12.70	22.9	0	42
trans_CD	air+aerosol	0.10	0.06	0.09	1.82	0.03	0.09	0.26	25.5	0	47
trans_NO	air+aerosol	0.25	0.06	0.24	1.25	0.15	0.25	0.41	25.5	0	47

NO0090R Andøya
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
FTS_6-2	air+aerosol	0.02	0.00	0.02	1.00	0.02	0.02	0.02	49.6	14	14
HCB	air+aerosol	34.55	10.60	32.95	1.39	19.70	36.65	47.20	6.5	0	12
PCB_101	air+aerosol	0.35	0.16	0.31	1.73	0.10	0.32	0.68	6.5	0	12
PCB_105	air+aerosol	0.02	0.01	0.02	1.86	0.01	0.02	0.05	6.0	0	11
PCB_114	air+aerosol	0.00	0.00	0.00	1.10	0.00	0.00	0.01	6.0	9	11
PCB_118	air+aerosol	0.09	0.05	0.08	1.83	0.02	0.08	0.19	6.0	0	11
PCB_122	air+aerosol	0.00	0.00	0.00	1.14	0.00	0.00	0.01	6.0	8	11
PCB_123	air+aerosol	0.00	0.00	0.00	1.06	0.00	0.00	0.00	6.0	9	11
PCB_128	air+aerosol	0.01	0.00	0.01	1.59	0.00	0.01	0.02	5.5	0	10
PCB_138	air+aerosol	0.09	0.04	0.08	1.59	0.03	0.09	0.16	6.0	0	11
PCB_141	air+aerosol	0.02	0.01	0.02	1.58	0.01	0.02	0.04	6.0	0	11
PCB_149	air+aerosol	0.16	0.07	0.15	1.55	0.06	0.16	0.29	6.0	0	11
PCB_153	air+aerosol	0.14	0.06	0.13	1.58	0.05	0.13	0.25	6.0	0	11
PCB_156	air+aerosol	0.00	0.00	0.00	1.43	0.00	0.00	0.01	6.0	2	11
PCB_157	air+aerosol	0.00	0.00	0.00	1.33	0.00	0.00	0.00	6.0	9	11
PCB_167	air+aerosol	0.00	0.00	0.00	1.42	0.00	0.00	0.00	6.0	4	11
PCB_170	air+aerosol	0.01	0.00	0.01	1.43	0.00	0.01	0.01	6.0	0	11
PCB_18	air+aerosol	1.38	0.96	1.04	2.38	0.25	1.30	3.28	6.5	0	12
PCB_180	air+aerosol	0.02	0.01	0.02	1.45	0.01	0.02	0.03	6.0	0	11
PCB_183	air+aerosol	0.01	0.00	0.01	1.51	0.00	0.01	0.02	6.0	0	11
PCB_187	air+aerosol	0.03	0.01	0.02	1.51	0.01	0.03	0.05	6.0	0	11
PCB_189	air+aerosol	0.00	0.00	0.00	1.18	0.00	0.00	0.00	6.0	10	11
PCB_194	air+aerosol	0.00	0.00	0.00	1.04	0.00	0.00	0.00	6.0	11	11
PCB_206	air+aerosol	0.00	0.00	0.00	1.04	0.00	0.00	0.00	6.0	11	11
PCB_209	air+aerosol	0.00	0.00	0.00	1.83	0.00	0.00	0.02	6.0	10	11
PCB_28	air+aerosol	0.72	0.41	0.60	2.01	0.16	0.69	1.57	6.5	0	12
PCB_31	air+aerosol	0.74	0.45	0.61	2.03	0.17	0.68	1.74	6.5	0	12
PCB_33	air+aerosol	0.40	0.23	0.33	2.00	0.10	0.36	0.91	6.5	0	12
PCB_37	air+aerosol	0.06	0.03	0.05	1.72	0.02	0.05	0.12	6.5	0	12
PCB_47	air+aerosol	5.70	4.90	3.53	3.13	0.54	5.57	15.80	6.5	0	12
PCB_52	air+aerosol	0.68	0.32	0.60	1.76	0.21	0.65	1.30	6.5	0	12
PCB_66	air+aerosol	0.12	0.06	0.11	1.66	0.05	0.13	0.23	6.5	0	12
PCB_74	air+aerosol	0.10	0.04	0.09	1.68	0.03	0.11	0.18	6.5	0	12
PCB_99	air+aerosol	0.14	0.07	0.12	1.78	0.04	0.13	0.28	6.5	0	12
PFBS	air+aerosol	0.02	0.00	0.02	1.00	0.02	0.02	0.02	49.6	14	14
PFHpA	air+aerosol	0.10	0.05	0.07	1.74	0.03	0.07	0.19	49.6	0	14
PFHxA	air+aerosol	0.07	0.06	0.04	2.73	0.02	0.04	0.16	49.6	7	14
PFHxS	air+aerosol	0.02	0.00	0.02	1.00	0.02	0.02	0.02	40.8	12	12
PFNA	air+aerosol	0.07	0.04	0.05	2.02	0.02	0.06	0.16	49.6	1	14
PFOA	air+aerosol	0.14	0.06	0.12	1.55	0.05	0.12	0.25	49.6	0	14
PFOS	air+aerosol	0.03	0.00	0.03	1.00	0.03	0.03	0.03	45.5	13	13
PFOSA	air+aerosol	0.02	0.00	0.02	1.02	0.02	0.02	0.02	40.8	11	12
PFUnA	air+aerosol	0.02	0.00	0.02	1.15	0.02	0.02	0.03	49.6	11	14

NO0090R Andøya (cont.)
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
sum_PCB	air+aerosol	14.58	9.56	11.53	2.14	3.50	13.49	30.25	6.0	0	11
sum_heptachlor_PCB	air+aerosol	0.09	0.03	0.08	1.50	0.04	0.09	0.15	6.0	0	11
sum_hexachlor_PCB	air+aerosol	0.66	0.27	0.60	1.56	0.24	0.59	1.20	6.0	0	11
sum_pentachlor_PCB	air+aerosol	1.03	0.48	0.91	1.74	0.31	0.94	1.99	6.0	0	11
sum_tetrachlor_PCB	air+aerosol	8.33	6.01	6.19	2.36	1.63	8.78	19.70	6.5	0	12
sum_trichlor_PCB	air+aerosol	4.66	2.80	3.79	2.08	1.09	4.30	10.40	6.5	0	12

PL0005R Diabla Gora
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.58	0.74	0.15	7.36	0.00	0.21	3.00	85.5	0	52
benzo_a_pyrene	pm10	0.59	0.65	0.23	5.10	0.01	0.26	2.50	85.5	0	52
benzo_b_fluoranthene	pm10	0.79	0.91	0.31	4.83	0.02	0.32	3.19	85.5	0	52
benzo_k_fluoranthene	pm10	0.33	0.38	0.13	4.76	0.01	0.13	1.48	85.5	0	52
dibenzo_ah_anthracene	pm10	0.07	0.08	0.03	4.36	0.00	0.04	0.30	85.5	0	52
inden_123cd_pyrene	pm10	0.64	0.70	0.27	4.63	0.02	0.29	2.20	85.5	0	52

PL0009R Zielonka
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.80	1.25	0.22	6.53	0.01	0.24	4.92	78.9	0	48
benzo_a_pyrene	pm10	0.86	1.22	0.31	5.03	0.01	0.30	5.05	78.9	0	48
benzo_b_fluoranthene	pm10	0.88	1.29	0.32	4.76	0.02	0.33	5.27	78.9	0	48
benzo_k_fluoranthene	pm10	0.48	0.69	0.17	5.04	0.01	0.17	2.80	78.9	0	48
dibenzo_ah_anthracene	pm10	0.06	0.10	0.02	4.47	0.00	0.02	0.47	78.9	0	48
inden_123cd_pyrene	pm10	0.80	1.07	0.33	4.30	0.02	0.33	4.12	78.9	0	48

RU0002R Amderma
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
1-methylnaphthalene	aerosol	0.00	0.00	0.00	1.52	0.00	0.00	0.01	13.2	0	6
1-methylnaphthalene	air	0.15	0.18	0.10	3.04	0.01	0.08	0.55	28.5	0	14
1-methylnaphthalene	air+aerosol	0.15	0.18	0.10	3.03	0.01	0.09	0.55	28.5	0	14
2-methylnaphthalene	aerosol	0.00	0.00	0.00	1.48	0.00	0.00	0.01	13.2	0	6
2-methylnaphthalene	air	0.18	0.20	0.13	2.57	0.03	0.12	0.70	28.5	0	14
2-methylnaphthalene	air+aerosol	0.18	0.20	0.13	2.54	0.03	0.12	0.70	28.5	0	14
BDE_100	aerosol	0.03	0.04	0.01	3.69	0.01	0.01	0.10	18.6	0	9
BDE_100	air	0.04	0.05	0.02	3.18	0.01	0.02	0.12	9.9	0	5
BDE_100	air+aerosol	0.03	0.04	0.02	4.17	0.00	0.01	0.13	28.5	0	14
BDE_119	aerosol	0.01	0.01	0.01	1.57	0.01	0.01	0.03	28.5	13	14
BDE_119	air	0.02	0.02	0.01	2.29	0.01	0.01	0.04	7.9	0	4
BDE_119	air+aerosol	0.01	0.01	0.01	3.22	0.00	0.01	0.05	25.2	0	12
BDE_138	aerosol	0.02	0.00	0.02	1.17	0.02	0.02	0.03	3.8	0	2
BDE_138	air+aerosol	0.01	0.01	0.00	3.37	0.00	0.00	0.03	18.6	0	10
BDE_153	aerosol	0.01	0.01	0.01	1.55	0.01	0.01	0.03	28.5	13	14
BDE_153	air	0.01	0.00	0.01	1.30	0.01	0.01	0.01	5.2	0	3
BDE_153	air+aerosol	0.01	0.01	0.00	3.06	0.00	0.00	0.04	18.6	0	9
BDE_183	aerosol	0.05	0.01	0.05	1.27	0.04	0.05	0.06	5.2	0	3
BDE_183	air	0.03	0.04	0.02	3.17	0.01	0.01	0.08	7.7	0	3
BDE_183	air+aerosol	0.02	0.04	0.01	4.82	0.00	0.00	0.14	22.5	0	11
BDE_206	aerosol	0.04	0.08	0.03	4.96	0.01	0.03	0.15	7.1	0	3
BDE_206	air	0.06	0.05	0.05	2.51	0.01	0.07	0.16	16.7	0	8
BDE_206	air+aerosol	0.08	0.09	0.07	2.19	0.02	0.07	0.31	16.7	0	8
BDE_209	aerosol	0.45	0.97	0.10	6.59	0.01	0.04	3.13	24.4	0	12
BDE_209	air	0.67	1.45	0.40	3.57	0.12	0.26	3.76	12.9	0	6
BDE_209	air+aerosol	0.80	2.01	0.17	7.04	0.02	0.12	6.89	24.4	0	12
BDE_28	air	0.03	0.04	0.02	2.62	0.01	0.02	0.14	15.6	0	8
BDE_28	air+aerosol	0.03	0.04	0.02	2.99	0.00	0.01	0.14	17.0	0	9
BDE_47	aerosol	0.04	0.06	0.03	3.47	0.01	0.02	0.13	16.7	0	8
BDE_47	air	0.11	0.14	0.06	3.13	0.01	0.05	0.51	20.8	0	11
BDE_47	air+aerosol	0.10	0.13	0.05	4.55	0.00	0.08	0.52	28.5	0	14
BDE_49	air	0.01	-	-	-	0.01	0.01	0.01	1.9	0	1
BDE_49	air+aerosol	0.01	0.01	0.01	2.34	0.00	0.01	0.01	4.1	0	2
HCB	aerosol	0.02	0.01	0.02	1.49	0.01	0.02	0.04	22.7	0	11
HCB	air	18.41	4.65	18.53	1.33	9.15	20.36	25.55	28.5	0	14
HCB	air+aerosol	18.43	4.64	18.55	1.33	9.17	20.37	25.55	28.5	0	14
PCB_101	aerosol	0.01	0.03	0.01	2.29	0.01	0.01	0.11	28.5	13	14
PCB_101	air	2.21	2.33	1.52	2.34	0.47	1.77	9.55	28.5	0	14
PCB_101	air+aerosol	2.22	2.35	1.52	2.34	0.47	1.77	9.66	28.5	0	14
PCB_105	aerosol	0.20	0.08	0.17	1.52	0.10	0.14	0.31	19.5	0	9
PCB_105	air	1.16	1.25	0.70	3.23	0.12	0.76	4.63	26.6	0	13
PCB_105	air+aerosol	1.22	1.30	0.69	3.39	0.12	0.93	4.89	28.5	0	14
PCB_110	aerosol	0.18	0.05	0.16	1.35	0.11	0.16	0.27	25.2	0	12
PCB_110	air	1.68	1.87	1.03	2.86	0.19	1.41	7.47	28.5	0	14
PCB_110	air+aerosol	1.84	1.89	1.24	2.47	0.32	1.46	7.66	28.5	0	14
PCB_118	aerosol	0.21	0.08	0.19	1.44	0.13	0.18	0.35	27.1	0	13
PCB_118	air	1.56	1.65	1.02	2.71	0.22	1.31	6.56	28.5	0	14
PCB_118	air+aerosol	1.76	1.70	1.25	2.37	0.36	1.53	6.86	28.5	0	14
PCB_119	air	0.01	0.04	0.01	2.48	0.01	0.01	0.15	28.5	13	14
PCB_119	air+aerosol	0.01	0.04	0.01	2.48	0.01	0.01	0.15	28.5	13	14
PCB_128	aerosol	0.01	0.05	0.01	2.62	0.01	0.01	0.18	28.5	13	14
PCB_128	air	0.17	0.09	0.16	1.56	0.10	0.15	0.35	11.2	0	6
PCB_128	air+aerosol	0.19	0.11	0.18	1.70	0.10	0.16	0.35	11.2	0	6
PCB_138	aerosol	0.19	0.10	0.17	1.56	0.10	0.14	0.42	24.7	0	12
PCB_138	air	0.93	0.87	0.66	2.45	0.15	0.72	3.42	28.5	0	14
PCB_138	air+aerosol	1.10	0.96	0.79	2.44	0.15	0.91	3.75	28.5	0	14
PCB_149	aerosol	0.13	0.01	0.13	1.09	0.12	0.13	0.13	5.8	0	2
PCB_149	air	0.51	0.50	0.36	2.32	0.14	0.39	2.01	28.5	0	14
PCB_149	air+aerosol	0.54	0.50	0.37	2.35	0.14	0.41	2.01	28.5	0	14
PCB_151	air	0.15	0.07	0.15	1.51	0.10	0.13	0.28	11.2	0	5
PCB_151	air+aerosol	0.15	0.07	0.15	1.51	0.10	0.13	0.28	11.2	0	5
PCB_153	aerosol	0.29	0.19	0.23	2.04	0.11	0.25	0.55	13.7	0	6
PCB_153	air	0.64	0.66	0.44	2.43	0.14	0.51	2.65	28.5	0	14
PCB_153	air+aerosol	0.78	0.82	0.49	2.65	0.14	0.60	3.20	28.5	0	14
PCB_156	aerosol	0.01	0.03	0.01	2.30	0.01	0.01	0.11	28.5	13	14
PCB_156	air	0.14	0.03	0.14	1.23	0.11	0.13	0.18	7.4	0	4
PCB_156	air+aerosol	0.15	0.08	0.14	1.52	0.10	0.13	0.29	9.3	0	5

RU0002R Amderma (cont.)
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
PCB_158	air	0.02	0.06	0.01	2.76	0.01	0.01	0.22	28.5	13	14
PCB_158	air+ aerosol	0.02	0.06	0.01	2.76	0.01	0.01	0.22	28.5	13	14
PCB_167	air	0.01	0.03	0.01	2.24	0.01	0.01	0.10	28.5	13	14
PCB_167	air+ aerosol	0.01	0.03	0.01	2.24	0.01	0.01	0.10	28.5	13	14
PCB_170	aerosol	0.03	0.05	0.01	3.80	0.01	0.01	0.14	28.5	11	14
PCB_170	air	0.01	0.03	0.01	2.23	0.01	0.01	0.10	28.5	13	14
PCB_170	air+ aerosol	0.15	0.07	0.14	1.59	0.10	0.11	0.23	5.2	0	3
PCB_180	aerosol	0.20	0.03	0.20	1.16	0.17	0.19	0.23	7.4	0	4
PCB_180	air	0.01	0.03	0.01	2.32	0.01	0.01	0.12	28.5	13	14
PCB_180	air+ aerosol	0.23	0.08	0.22	1.39	0.17	0.19	0.35	7.4	0	4
PCB_183	aerosol	0.01	0.03	0.01	2.23	0.01	0.01	0.10	28.5	13	14
PCB_183	air+ aerosol	0.01	0.03	0.01	2.23	0.01	0.01	0.10	28.5	13	14
PCB_187	aerosol	0.11	0.00	0.11	1.03	0.11	0.11	0.12	4.1	0	2
PCB_187	air+ aerosol	0.11	0.00	0.11	1.03	0.11	0.11	0.12	4.1	0	2
PCB_22	air	0.20	0.10	0.19	1.57	0.11	0.19	0.40	12.9	0	6
PCB_22	air+ aerosol	0.20	0.10	0.19	1.57	0.11	0.19	0.40	12.9	0	6
PCB_28+31	aerosol	0.13	0.02	0.13	1.21	0.10	0.14	0.14	5.8	0	3
PCB_28+31	air	4.03	2.69	3.34	1.98	1.38	2.48	8.03	26.6	0	13
PCB_28+31	air+ aerosol	3.79	2.83	2.61	3.14	0.10	2.47	8.03	28.5	0	14
PCB_33	air	0.31	0.17	0.27	1.82	0.11	0.29	0.63	15.6	0	8
PCB_33	air+ aerosol	0.31	0.17	0.27	1.82	0.11	0.29	0.63	15.6	0	8
PCB_44	air	0.40	0.37	0.32	1.94	0.12	0.27	1.48	24.7	0	12
PCB_44	air+ aerosol	0.40	0.37	0.32	1.94	0.12	0.27	1.48	24.7	0	12
PCB_49	air	1.04	0.77	0.85	1.90	0.24	0.93	3.44	28.5	0	14
PCB_49	air+ aerosol	1.04	0.77	0.85	1.90	0.24	0.93	3.44	28.5	0	14
PCB_52	air	2.06	1.65	1.69	1.83	0.73	1.77	7.28	28.5	0	14
PCB_52	air+ aerosol	2.06	1.65	1.69	1.83	0.73	1.77	7.28	28.5	0	14
PCB_74	air	0.61	0.59	0.47	2.01	0.15	0.43	2.48	28.5	0	14
PCB_74	air+ aerosol	0.61	0.59	0.47	2.01	0.15	0.43	2.48	28.5	0	14
PCB_87	aerosol	0.03	0.04	0.01	2.50	0.01	0.01	0.15	28.5	13	14
PCB_87	air	1.24	2.57	0.56	3.12	0.12	0.47	9.99	28.5	0	14
PCB_87	air+ aerosol	0.63	0.62	0.46	2.26	0.12	0.42	2.48	26.6	0	13
PCB_95	aerosol	0.01	0.04	0.01	2.50	0.01	0.01	0.15	28.5	13	14
PCB_95	air	1.27	1.29	0.91	2.28	0.23	1.07	5.41	28.5	0	14
PCB_95	air+ aerosol	1.28	1.32	0.91	2.29	0.23	1.07	5.57	28.5	0	14
PCB_99	air	1.21	1.52	0.75	2.58	0.20	0.92	6.16	28.5	0	14
PCB_99	air+ aerosol	1.21	1.52	0.75	2.58	0.20	0.92	6.16	28.5	0	14
acenaphthene	aerosol	0.00	0.00	0.00	1.49	0.00	0.00	0.00	6.0	0	3
acenaphthene	air	0.18	0.48	0.05	6.23	0.00	0.04	1.37	16.7	0	8
acenaphthene	air+ aerosol	0.10	0.37	0.01	14.72	0.00	0.01	1.37	28.5	5	14
acenaphthylene	aerosol	0.00	0.00	0.00	1.63	0.00	0.00	0.00	3.8	0	2
acenaphthylene	air	0.03	0.09	0.01	5.41	0.00	0.01	0.22	13.4	0	6
acenaphthylene	air+ aerosol	0.02	0.06	0.00	6.00	0.00	0.00	0.22	28.5	8	14
alpha_HCH	aerosol	0.02	0.02	0.01	2.45	0.01	0.01	0.04	15.1	0	7
alpha_HCH	air	9.53	4.94	8.62	1.59	4.71	8.10	21.84	28.5	0	14
alpha_HCH	air+ aerosol	9.54	4.95	8.63	1.59	4.71	8.10	21.86	28.5	0	14
anthracene	air	0.02	0.02	0.02	2.11	0.00	0.02	0.07	28.5	0	14
anthracene	air+ aerosol	0.02	0.02	0.02	2.11	0.00	0.02	0.07	28.5	0	14
benz_a_anthracene	aerosol	0.00	0.00	0.00	1.86	0.00	0.00	0.01	24.7	0	12
benz_a_anthracene	air	0.01	0.01	0.01	3.25	0.00	0.00	0.03	9.9	0	4
benz_a_anthracene	air+ aerosol	0.01	0.01	0.00	2.87	0.00	0.00	0.03	28.5	1	14
benzo_a_pyrene	aerosol	0.00	0.01	0.00	2.71	0.00	0.00	0.01	11.0	0	5
benzo_a_pyrene	air+ aerosol	0.00	0.00	0.00	2.84	0.00	0.00	0.01	28.5	9	14
benzo_e_pyrene	aerosol	0.03	0.03	0.02	2.29	0.01	0.02	0.08	12.9	0	6
benzo_e_pyrene	air+ aerosol	0.01	0.02	0.00	7.13	0.00	0.00	0.08	28.5	8	14
benzo_ghi_perylene	aerosol	0.00	0.00	0.00	2.28	0.00	0.00	0.01	28.5	13	14
benzo_ghi_perylene	air+ aerosol	0.00	0.00	0.00	2.30	0.00	0.00	0.01	28.5	12	14
beta_HCH	aerosol	0.06	0.05	0.03	3.53	0.01	0.05	0.12	13.2	0	6
beta_HCH	air	0.94	0.87	0.53	3.33	0.07	0.63	2.57	28.5	0	14
beta_HCH	air+ aerosol	0.97	0.90	0.54	3.38	0.07	0.63	2.58	28.5	0	14
chrysene	aerosol	0.01	0.01	0.01	2.55	0.00	0.01	0.04	24.7	0	12
chrysene	air	0.01	0.00	0.00	1.77	0.00	0.00	0.01	17.5	0	8
chrysene	air+ aerosol	0.01	0.01	0.01	2.60	0.00	0.01	0.04	28.5	0	14
cis_CD	aerosol	0.01	0.01	0.01	1.93	0.01	0.01	0.04	13.7	0	6
cis_CD	air	0.38	0.14	0.34	1.41	0.19	0.33	0.66	28.5	0	14
cis_CD	air+ aerosol	0.39	0.14	0.35	1.39	0.22	0.33	0.67	28.5	0	14
cis_NO	air	0.04	0.03	0.03	2.10	0.01	0.03	0.09	24.7	0	12
cis_NO	air+ aerosol	0.04	0.03	0.03	2.10	0.01	0.03	0.09	24.7	0	12
dibenzo_ah_anthracene	aerosol	0.00	0.00	0.00	1.45	0.00	0.00	0.00	28.5	13	14
dibenzo_ah_anthracene	air+ aerosol	0.00	0.00	0.00	1.45	0.00	0.00	0.00	28.5	13	14
dibenzothiophene	aerosol	0.00	0.00	0.00	1.55	0.00	0.00	0.00	12.9	0	6
dibenzothiophene	air	0.03	0.04	0.02	2.30	0.01	0.02	0.15	26.6	0	13
dibenzothiophene	air+ aerosol	0.03	0.04	0.02	2.31	0.00	0.02	0.15	28.5	0	14
fluoranthene	aerosol	0.02	0.03	0.01	3.57	0.00	0.01	0.10	28.5	0	14
fluoranthene	air	0.09	0.09	0.05	3.61	0.00	0.05	0.34	28.5	0	14
fluoranthene	air+ aerosol	0.11	0.09	0.07	2.55	0.01	0.06	0.36	28.5	0	14
fluorene	aerosol	0.01	0.01	0.00	3.75	0.00	0.00	0.02	13.2	0	7
fluorene	air	0.56	0.49	0.34	2.95	0.06	0.36	1.50	28.5	0	14
fluorene	air+ aerosol	0.56	0.49	0.34	2.93	0.06	0.36	1.50	28.5	0	14
gamma_HCH	aerosol	0.06	0.06	0.04	3.94	0.01	0.07	0.16	11.8	0	5
gamma_HCH	air	1.80	1.10	1.47	2.03	0.33	1.58	4.21	26.6	0	13
gamma_HCH	air+ aerosol	1.83	1.14	1.49	2.05	0.33	1.58	4.37	26.6	0	13
heptachlor	air	0.03	0.01	0.03	1.40	0.02	0.03	0.04	9.6	0	5
heptachlor	air+ aerosol	0.03	0.01	0.03	1.40	0.02	0.03	0.04	9.6	0	5
heptachlorepoxyde	air	0.01	0.01	0.01	1.67	0.01	0.01	0.03	28.5	13	14
heptachlorepoxyde	air+ aerosol	0.01	0.01	0.01	1.67	0.01	0.01	0.03	28.5	13	14
indeno_123cd_perylene	aerosol	0.00	0.00	0.00	1.23	0.00	0.00	0.00	3.3	0	2
indeno_123cd_perylene	air+ aerosol	0.00	0.00	0.00	2.02	0.00	0.00	0.00	28.5	12	14
mirex	air	0.03	0.03	0.03	2.18	0.01	0.03	0.11	17.3	0	8
mirex	air+ aerosol	0.03	0.03	0.03	2.18	0.01	0.03	0.11	17.3	0	8
naphthalene	aerosol	0.01	0.01	0.00	2.43	0.00	0.00	0.04	16.7	0	8
naphthalene	air	0.26	0.55	0.08	4.70	0.01	0.04	2.06	28.5	0	14
naphthalene	air+ aerosol	0.27	0.56	0.08	4.68	0.01	0.04	2.06	28.5	0	14
octachlorostyrene	air	0.44	0.12	0.42	1.29	0.29	0.40	0.68	28.5	0	14
octachlorostyrene	air+ aerosol	0.44	0.12	0.42	1.29	0.29	0.40	0.68	28.5	0	14
op_DDD	aerosol	0.02	0.01	0.01	1.99	0.01	0.01	0.03	11.2	0	5
op_DDD	air	0.20	0.16	0.10	3.80	0.01	0.14	0.44	26.6	0	13
op_DDD	air+ aerosol	0.21	0.16	0.10	3.86	0.01	0.14	0.45	26.6	0	13
op_DDE	aerosol	0.01	0.00	0.01	1.26	0.01	0.01	0.01	28.5	13	14
op_DDE	air	0.38	0.30	0.23	2.74	0.05	0.20	0.83	28.5	0	14
op_DDE	air+ aerosol	0.39	0.30	0.23	2.75	0.05	0.20	0.83	28.5	0	14
op_DDT	aerosol	0.02	0.01	0.02	1.57	0.01	0.02	0.04	24.7	0	12
op_DDT	air	1.69	1.52	0.73	3.97	0.09	0.72	4.27	28.5	0	14
op_DDT	air+ aerosol	1.71	1.53	0.76	3.89	0.09	0.75	4.28	28.5	0	14

RU0002R Amdexma (cont.)
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
oxychlorthane	aerosol	0.01	0.00	0.01	1.32	0.01	0.01	0.01	7.9	0	4
oxychlorthane	air	0.20	0.08	0.18	1.48	0.12	0.17	0.36	28.5	0	14
oxychlorthane	air+aerosol	0.20	0.09	0.19	1.49	0.12	0.17	0.37	28.5	0	14
pentachloroanisole	air	1.34	0.50	1.32	1.38	0.84	1.29	2.61	28.5	0	14
pentachloroanisole	air+aerosol	1.34	0.50	1.32	1.38	0.84	1.29	2.61	28.5	0	14
perylene	aerosol	0.00	0.00	0.00	2.17	0.00	0.00	0.01	28.5	13	14
perylene	air+aerosol	0.00	0.00	0.00	2.17	0.00	0.00	0.01	28.5	13	14
phenanthrene	aerosol	0.01	0.02	0.01	2.91	0.00	0.01	0.07	26.6	0	13
phenanthrene	air	0.49	0.37	0.34	2.51	0.06	0.39	1.23	28.5	0	14
phenanthrene	air+aerosol	0.50	0.36	0.36	2.44	0.07	0.41	1.25	28.5	0	14
pp_DDD	aerosol	0.04	0.05	0.03	2.92	0.01	0.02	0.14	18.9	0	9
pp_DDD	air	0.35	0.21	0.23	3.13	0.01	0.38	0.73	28.5	0	14
pp_DDD	air+aerosol	0.38	0.22	0.25	3.18	0.01	0.40	0.74	28.5	0	14
pp_DDE	aerosol	0.04	0.01	0.04	1.38	0.02	0.04	0.06	24.7	0	12
pp_DDE	air	2.35	1.77	1.39	2.99	0.23	1.51	4.68	28.5	0	14
pp_DDE	air+aerosol	2.38	1.77	1.43	2.92	0.26	1.57	4.73	28.5	0	14
pp_DDT	aerosol	0.07	0.04	0.07	1.76	0.02	0.07	0.15	28.5	0	14
pp_DDT	air	2.56	2.30	1.09	4.17	0.09	0.98	6.16	28.5	0	14
pp_DDT	air+aerosol	2.63	2.32	1.22	3.75	0.16	1.08	6.21	28.5	0	14
pyrene	aerosol	0.01	0.01	0.00	2.64	0.00	0.00	0.03	28.5	0	14
pyrene	air	0.05	0.05	0.03	2.94	0.00	0.03	0.16	28.5	0	14
pyrene	air+aerosol	0.06	0.05	0.04	2.49	0.01	0.04	0.17	28.5	0	14
retene	aerosol	0.00	0.00	0.00	2.25	0.00	0.00	0.01	22.7	0	11
retene	air	0.03	0.04	0.02	2.71	0.00	0.02	0.17	28.5	0	14
retene	air+aerosol	0.04	0.04	0.02	2.69	0.00	0.03	0.18	28.5	0	14
tetrachloroveratrole	air	0.26	0.39	0.13	3.20	0.04	0.08	1.16	15.6	0	8
tetrachloroveratrole	air+aerosol	0.26	0.39	0.13	3.20	0.04	0.08	1.16	15.6	0	8
trans_CD	aerosol	0.01	0.00	0.01	1.41	0.01	0.01	0.02	28.5	13	14
trans_CD	air	0.12	0.08	0.10	1.76	0.04	0.08	0.34	28.5	0	14
trans_CD	air+aerosol	0.12	0.08	0.10	1.75	0.04	0.09	0.34	28.5	0	14
trans_NO	aerosol	0.01	0.01	0.01	1.75	0.01	0.01	0.03	19.5	0	9
trans_NO	air	0.35	0.10	0.32	1.33	0.20	0.31	0.54	28.5	0	14
trans_NO	air+aerosol	0.36	0.10	0.33	1.33	0.20	0.32	0.55	28.5	0	14

RU0100R Tiksi
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
1-methylnaphthalene	aerosol	0.00	0.00	0.00	1.42	0.00	0.00	0.00	5.8	0	3
1-methylnaphthalene	aerosol	0.00	0.00	0.00	2.23	0.00	0.00	0.00	4.9	0	3
1-methylnaphthalene	air	0.00	0.00	0.00	1.59	0.00	0.00	0.01	7.7	0	4
1-methylnaphthalene	air	0.27	0.66	0.06	7.62	0.01	0.06	1.80	12.3	0	7
1-methylnaphthalene	air+aerosol	0.27	0.66	0.06	7.63	0.01	0.06	1.80	12.3	0	7
2-methylnaphthalene	aerosol	0.00	0.00	0.00	1.29	0.00	0.00	0.01	7.7	0	4
2-methylnaphthalene	aerosol	0.00	0.00	0.00	2.37	0.00	0.00	0.01	6.8	0	4
2-methylnaphthalene	air	0.00	0.00	0.00	1.89	0.00	0.00	0.01	9.6	0	5
2-methylnaphthalene	air	0.18	0.36	0.07	4.84	0.01	0.05	1.00	12.3	1	7
2-methylnaphthalene	air+aerosol	0.30	0.73	0.08	5.95	0.01	0.05	2.00	12.3	0	7
BDE_100	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
BDE_100	aerosol	0.04	0.05	0.02	3.15	0.01	0.01	0.14	11.5	0	6
BDE_100	air	0.00	0.00	0.00	1.89	0.00	0.00	0.00	6.8	0	4
BDE_100	air	0.03	0.05	0.02	3.04	0.01	0.01	0.14	11.5	0	6
BDE_100	air+aerosol	0.00	0.00	0.00	1.89	0.00	0.00	0.00	6.8	0	4
BDE_119	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
BDE_119	aerosol	0.01	0.01	0.01	3.40	0.00	0.01	0.04	7.7	0	4
BDE_119	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
BDE_119	air	0.01	0.01	0.01	2.87	0.00	0.01	0.04	7.7	0	4
BDE_119	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
BDE_138	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
BDE_138	aerosol	0.01	0.01	0.01	3.26	0.00	0.01	0.02	7.7	0	4
BDE_138	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
BDE_138	air	0.01	0.01	0.01	3.77	0.00	0.01	0.03	9.6	0	5
BDE_138	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
BDE_153	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
BDE_153	aerosol	0.01	0.01	0.00	3.12	0.00	0.01	0.02	9.6	0	5
BDE_153	air	0.00	0.00	0.00	1.87	0.00	0.00	0.01	12.3	0	7
BDE_153	air	0.02	0.03	0.01	3.64	0.00	0.01	0.07	9.6	0	5
BDE_153	air+aerosol	0.00	0.00	0.00	1.87	0.00	0.00	0.01	12.3	0	7
BDE_154	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
BDE_154	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
BDE_154	air	0.00	0.00	0.00	1.49	0.00	0.00	0.00	7.4	0	4
BDE_154	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
BDE_154	air+aerosol	0.00	0.00	0.00	1.94	0.00	0.00	0.00	7.4	0	4
BDE_183	aerosol	0.01	0.01	0.01	2.24	0.00	0.01	0.02	11.5	0	6
BDE_183	aerosol	0.03	0.03	0.02	2.32	0.01	0.01	0.08	10.4	0	6
BDE_183	air	0.01	0.00	0.01	1.52	0.01	0.01	0.02	12.3	0	7
BDE_183	air	0.03	0.04	0.02	3.73	0.00	0.01	0.09	11.5	0	6
BDE_183	air+aerosol	0.03	0.03	0.03	1.99	0.01	0.03	0.09	12.3	0	7
BDE_206	aerosol	0.03	0.03	0.02	2.45	0.01	0.02	0.07	7.4	0	4
BDE_206	aerosol	0.04	0.03	0.03	2.52	0.01	0.05	0.09	9.6	0	5
BDE_206	air	0.03	0.02	0.02	2.59	0.01	0.03	0.05	7.4	0	4
BDE_206	air	0.06	0.06	0.04	2.38	0.01	0.04	0.17	11.5	0	6
BDE_206	air+aerosol	0.06	0.05	0.04	2.42	0.02	0.05	0.13	7.4	0	4
BDE_209	aerosol	0.01	0.00	0.01	1.74	0.00	0.01	0.01	6.8	0	4
BDE_209	aerosol	0.56	0.50	0.35	3.41	0.06	0.48	1.31	9.6	0	5
BDE_209	air	-	-	-	-	-	-	0.0	0	0	0
BDE_209	air	0.38	0.50	0.22	3.01	0.06	0.21	1.37	11.5	0	6
BDE_209	air+aerosol	0.01	0.00	0.01	1.74	0.00	0.01	0.01	6.8	0	4
BDE_28	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
BDE_28	aerosol	0.01	0.01	0.01	2.20	0.00	0.01	0.02	9.6	0	5
BDE_28	air	0.01	0.01	0.01	1.92	0.01	0.02	0.02	5.8	0	3
BDE_28	air	0.02	0.03	0.01	12.60	0.00	0.02	0.04	3.3	0	2
BDE_28	air+aerosol	0.02	0.03	0.01	12.60	0.00	0.02	0.04	3.3	0	2
BDE_47	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
BDE_47	aerosol	0.05	0.05	0.03	2.71	0.01	0.03	0.14	11.5	0	6
BDE_47	air	0.01	0.01	0.01	3.71	0.00	0.01	0.03	7.4	0	4
BDE_47	air	0.05	0.07	0.03	3.16	0.01	0.02	0.17	9.6	0	5
BDE_47	air+aerosol	0.01	0.01	0.01	3.71	0.00	0.01	0.03	7.4	0	4
BDE_49	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
BDE_49	aerosol	0.01	0.00	0.01	1.38	0.01	0.01	0.01	3.8	0	2
BDE_49	air	0.01	0.01	0.01	1.69	0.01	0.01	0.02	11.5	5	6
BDE_49	air	0.01	0.02	0.01	2.37	0.01	0.01	0.05	12.3	6	7
BDE_49	air+aerosol	0.01	0.02	0.01	2.37	0.01	0.01	0.05	12.3	6	7

RU0100R Tiksi (cont.)
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
BDE_66	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
BDE_66	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
BDE_66	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
BDE_66	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
BDE_66	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
BDE_71	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
BDE_71	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
BDE_71	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
BDE_71	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
BDE_71	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
BDE_99	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
BDE_99	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
BDE_99	air	0.00	0.00	0.00	1.44	0.00	0.00	0.01	3.6	0	2
BDE_99	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
BDE_99	air+aerosol	0.00	0.00	0.00	1.44	0.00	0.00	0.01	3.6	0	2
HCB	aerosol	0.05	0.06	0.03	3.40	0.01	0.02	0.14	10.4	0	6
HCB	aerosol	6.31	1.81	6.10	1.34	4.18	5.84	8.66	9.6	0	5
HCB	air	7.23	3.93	6.45	1.68	3.09	6.28	14.33	11.5	0	6
HCB	air	12.24	1.76	12.11	1.15	10.60	11.06	14.86	12.3	0	7
HCB	air+aerosol	12.28	1.74	12.15	1.15	10.74	11.07	14.88	12.3	0	7
PCB_101	aerosol	0.23	0.11	0.21	1.69	0.12	0.24	0.39	9.6	0	5
PCB_101	aerosol	0.68	0.70	0.45	2.41	0.28	0.29	1.68	6.8	0	4
PCB_101	air	0.38	0.42	0.26	2.70	0.11	0.21	0.99	7.7	0	4
PCB_101	air	0.45	0.16	0.44	1.41	0.26	0.44	0.76	12.3	0	7
PCB_101	air+aerosol	0.83	0.62	0.67	1.94	0.26	0.65	2.12	12.3	0	7
PCB_105	aerosol	0.30	0.16	0.26	1.83	0.13	0.33	0.52	9.6	0	5
PCB_105	aerosol	0.38	0.35	0.29	2.54	0.12	0.25	0.78	4.9	0	3
PCB_105	air	0.56	1.01	0.20	3.96	0.10	0.11	2.37	9.6	0	5
PCB_105	air	0.72	0.45	0.57	2.44	0.16	0.76	1.20	7.1	0	4
PCB_105	air+aerosol	0.67	0.43	0.52	2.45	0.12	0.76	1.20	10.4	0	6
PCB_110	aerosol	0.32	0.27	0.23	2.58	0.07	0.25	0.66	10.7	0	6
PCB_110	aerosol	0.35	0.27	0.28	2.13	0.14	0.26	0.73	7.7	0	4
PCB_110	air	0.76	1.12	0.33	4.19	0.10	0.25	2.42	7.7	0	4
PCB_110	air	0.81	0.27	0.77	1.42	0.43	0.76	1.24	12.3	0	7
PCB_110	air+aerosol	1.08	0.35	1.04	1.41	0.58	1.08	1.59	12.3	0	7
PCB_114	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_114	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_114	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_114	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_114	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_118	aerosol	0.25	0.08	0.24	1.37	0.16	0.25	0.38	9.6	0	5
PCB_118	aerosol	0.42	0.39	0.29	2.66	0.10	0.20	0.97	12.3	0	7
PCB_118	air	0.32	0.33	0.24	2.30	0.12	0.23	0.90	9.6	0	5
PCB_118	air	1.13	0.92	0.80	2.55	0.24	1.05	2.55	8.5	0	5
PCB_118	air+aerosol	1.20	0.74	0.99	2.20	0.20	1.21	2.65	12.3	0	7
PCB_119	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_119	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_119	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_119	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_119	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_123	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_123	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_123	air	-	-	-	-	-	-	0.0	0	0	0
PCB_123	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_123	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_126	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_126	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_126	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_126	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_126	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_128	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_128	aerosol	0.02	0.04	0.01	3.22	0.01	0.01	0.11	12.3	6	7
PCB_128	air	0.02	0.04	0.01	3.14	0.01	0.01	0.10	12.3	6	7
PCB_128	air	0.07	0.16	0.01	6.01	0.01	0.01	0.40	11.5	5	6
PCB_128	air+aerosol	0.11	0.01	0.11	1.05	0.10	0.11	3.6	0	2	
PCB_138	aerosol	0.25	0.18	0.19	2.49	0.05	0.23	0.45	8.5	0	5
PCB_138	aerosol	0.29	0.14	0.27	1.64	0.14	0.28	0.51	9.6	0	5
PCB_138	air	0.26	0.30	0.18	2.33	0.10	0.12	0.79	9.6	0	5
PCB_138	air	0.36	0.21	0.32	1.81	0.12	0.31	0.69	12.3	0	7
PCB_138	air+aerosol	0.54	0.25	0.47	1.97	0.12	0.66	0.80	12.3	0	7
PCB_149	aerosol	0.15	0.02	0.15	1.11	0.14	0.15	0.17	3.6	0	2
PCB_149	aerosol	0.20	0.12	0.17	1.83	0.10	0.14	0.36	9.6	0	5
PCB_149	air	0.20	0.01	0.20	1.08	0.19	0.20	0.21	3.6	0	2
PCB_149	air	0.26	0.25	0.19	2.25	0.10	0.15	0.63	7.7	0	4
PCB_149	air+aerosol	0.18	0.03	0.17	1.17	0.14	0.18	0.21	7.1	0	4
PCB_151	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_151	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_151	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_151	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_151	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_153	aerosol	0.19	0.02	0.18	1.15	0.16	0.20	0.20	4.9	0	3
PCB_153	aerosol	0.19	0.03	0.19	1.15	0.16	0.20	0.21	5.8	0	3
PCB_153	air	0.20	0.11	0.18	1.75	0.10	0.20	0.31	7.4	0	4
PCB_153	air	0.32	0.37	0.21	3.05	0.10	0.12	0.75	5.8	0	3
PCB_153	air+aerosol	0.23	0.09	0.21	1.57	0.10	0.24	0.32	10.4	0	6
PCB_156	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_156	aerosol	0.05	0.11	0.01	5.07	0.01	0.01	0.27	11.5	5	6
PCB_156	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_156	air	0.03	0.05	0.01	3.85	0.01	0.01	0.14	11.5	5	6
PCB_156	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_157	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_157	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_157	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_157	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_157	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_158	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_158	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_158	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_158	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_158	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_167	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_167	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_167	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_167	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_167	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7

RU0100R Tiksi (cont.)
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
PCB_169	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_169	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_169	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_169	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_169	air+ aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_170	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_170	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_170	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_170	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_170	air+ aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_171	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_171	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_171	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_171	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_171	air+ aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_177	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_177	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_177	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_177	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_177	air+ aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_178	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_178	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_178	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_178	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_178	air+ aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_180	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_180	aerosol	0.02	0.04	0.01	3.26	0.01	0.01	0.11	12.3	6	7
PCB_180	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_180	air	0.03	0.07	0.01	4.30	0.01	0.01	0.18	11.5	5	6
PCB_180	air+ aerosol	0.02	0.04	0.01	3.26	0.01	0.01	0.11	12.3	6	7
PCB_183	aerosol	0.01	-	-	-	0.01	0.01	0.01	1.9	1	1
PCB_183	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_183	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_183	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_183	air+ aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_187	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_187	aerosol	0.03	0.07	0.01	4.24	0.01	0.01	0.17	11.5	5	6
PCB_187	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_187	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_187	air+ aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_189	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_189	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_189	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_189	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_189	air+ aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_19	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_19	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_19	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_19	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_19	air+ aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_191	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_191	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_191	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_191	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_191	air+ aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_194	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_194	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_194	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_194	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_194	air+ aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_199	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_199	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_199	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_199	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_199	air+ aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_201	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_201	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_201	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_201	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_201	air+ aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_205	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_205	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_205	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_205	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_205	air+ aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_206	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_206	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_206	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_206	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_206	air+ aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_209	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_209	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_209	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_209	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_209	air+ aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_22	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_22	aerosol	0.02	0.06	0.01	3.78	0.01	0.01	0.17	12.3	6	7
PCB_22	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_22	air	0.21	0.13	0.20	1.85	0.13	0.22	0.31	3.6	0	2
PCB_22	air+ aerosol	0.20	0.09	0.19	1.56	0.13	0.17	0.31	4.9	0	3
PCB_28+31	aerosol	0.71	1.01	0.42	6.20	0.12	0.82	1.53	3.3	0	2
PCB_28+31	aerosol	0.75	0.50	0.64	1.92	0.28	0.70	1.56	9.6	0	5
PCB_28+31	air	0.46	0.31	0.38	1.99	0.21	0.38	0.85	6.8	0	4
PCB_28+31	air	0.69	0.48	0.55	2.19	0.22	0.59	1.41	11.5	0	6
PCB_28+31	air+ aerosol	0.80	0.65	0.68	2.40	0.21	0.76	1.75	6.8	0	4
PCB_3	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_3	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_3	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_3	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_3	air+ aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_33	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_33	aerosol	0.04	0.11	0.01	4.68	0.01	0.01	0.30	12.3	6	7
PCB_33	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_33	air	0.28	0.09	0.27	1.42	0.16	0.25	0.40	8.5	0	5
PCB_33	air+ aerosol	0.33	0.19	0.30	1.69	0.16	0.25	0.64	8.5	0	5

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Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
PCB_37	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_37	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_37	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_37	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_37	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_4+10	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_4+10	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_4+10	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_4+10	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_4+10	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
PCB_44	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_44	aerosol	0.02	0.05	0.01	3.49	0.01	0.01	0.14	12.3	6	7
PCB_44	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_44	air	0.41	0.28	0.32	2.18	0.11	0.37	0.83	8.5	0	5
PCB_44	air+aerosol	0.43	0.26	0.36	2.10	0.11	0.37	0.83	8.5	0	5
PCB_49	aerosol	0.02	0.06	0.01	3.72	0.01	0.01	0.16	12.3	6	7
PCB_49	aerosol	0.12	0.03	0.12	1.31	0.10	0.12	0.15	3.8	0	2
PCB_49	air	0.28	0.20	0.24	1.75	0.14	0.23	0.69	10.4	0	6
PCB_49	air	0.33	0.33	0.24	2.59	0.13	0.15	0.71	5.8	0	3
PCB_49	air+aerosol	1.03	1.78	0.41	3.35	0.14	0.25	5.00	12.3	1	7
PCB_52	aerosol	0.04	0.12	0.01	4.87	0.01	0.01	0.33	12.3	6	7
PCB_52	aerosol	0.24	0.09	0.23	1.39	0.17	0.21	0.40	9.6	0	5
PCB_52	air	0.40	0.27	0.32	2.15	0.14	0.37	0.70	7.7	0	4
PCB_52	air	0.51	0.32	0.47	1.65	0.32	0.39	1.16	12.3	0	7
PCB_52	air+aerosol	0.55	0.38	0.50	1.78	0.32	0.39	1.16	12.3	0	7
PCB_74	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_74	aerosol	0.04	0.07	0.01	5.16	0.01	0.01	0.18	12.3	5	7
PCB_74	air	0.06	0.14	0.01	5.61	0.01	0.01	0.34	11.5	5	6
PCB_74	air	0.36	0.34	0.27	2.14	0.15	0.19	0.94	8.5	0	5
PCB_74	air+aerosol	0.41	0.33	0.32	2.16	0.15	0.30	0.94	8.5	0	5
PCB_87	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
PCB_87	aerosol	0.17	0.02	0.17	1.10	0.16	0.17	0.18	3.6	0	2
PCB_87	air	0.10	0.22	0.01	6.79	0.01	0.01	0.55	11.5	5	6
PCB_87	air	0.21	0.06	0.21	1.36	0.13	0.23	0.27	7.1	0	4
PCB_87	air+aerosol	0.23	0.12	0.22	1.59	0.13	0.23	0.45	9.0	0	5
PCB_95	aerosol	0.12	0.01	0.12	1.09	0.11	0.12	0.13	4.9	0	3
PCB_95	aerosol	0.23	0.09	0.21	1.49	0.14	0.24	0.33	9.6	0	5
PCB_95	air	0.35	0.39	0.23	2.58	0.10	0.18	1.03	9.6	0	5
PCB_95	air	0.36	0.19	0.34	1.55	0.21	0.27	0.76	12.3	0	7
PCB_95	air+aerosol	0.41	0.24	0.37	1.70	0.21	0.27	0.88	12.3	0	7
PCB_99	aerosol	0.16	0.04	0.16	1.25	0.12	0.16	0.20	7.7	0	4
PCB_99	aerosol	0.21	0.01	0.21	1.07	0.20	0.21	0.22	4.9	0	3
PCB_99	air	0.25	0.08	0.24	1.47	0.12	0.27	0.36	10.4	0	6
PCB_99	air	0.35	0.34	0.26	2.47	0.14	0.17	0.74	5.8	0	3
PCB_99	air+aerosol	0.30	0.15	0.28	1.66	0.12	0.30	0.58	12.3	0	7
acenaphthene	aerosol	0.00	-	-	-	0.00	0.00	0.00	1.6	0	1
acenaphthene	aerosol	0.01	0.01	0.01	1.95	0.00	0.01	0.02	9.6	0	5
acenaphthene	air	0.02	0.01	0.02	1.55	0.01	0.01	0.04	12.3	0	7
acenaphthene	air	0.02	0.02	0.01	2.72	0.01	0.01	0.06	9.6	0	5
acenaphthene	air+aerosol	0.02	0.01	0.02	1.52	0.01	0.01	0.04	12.3	0	7
acenaphthylene	aerosol	0.00	0.00	0.00	1.76	0.00	0.00	0.00	11.5	5	6
acenaphthylene	aerosol	0.01	0.00	0.01	1.23	0.01	0.01	0.01	3.3	0	2
acenaphthylene	air	0.01	0.01	0.00	2.94	0.00	0.00	0.02	12.3	0	7
acenaphthylene	air	0.01	0.01	0.00	3.34	0.00	0.01	0.01	3.8	0	2
acenaphthylene	air+aerosol	0.01	0.01	0.00	3.68	0.00	0.00	0.03	12.3	0	7
aldrin	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
aldrin	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
aldrin	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
aldrin	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
aldrin	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
alpha_HCH	aerosol	0.02	0.01	0.02	1.92	0.01	0.01	0.04	6.8	0	4
alpha_HCH	aerosol	4.07	1.87	3.77	1.54	2.43	3.25	7.01	9.6	0	5
alpha_HCH	air	2.16	0.85	1.97	1.51	1.06	1.95	3.50	12.3	0	7
alpha_HCH	air	3.82	4.12	2.04	3.83	0.26	1.76	10.13	11.5	0	6
alpha_HCH	air+aerosol	2.17	0.84	1.98	1.50	1.06	1.96	3.50	12.3	0	7
anthracene	aerosol	0.00	0.00	0.00	1.89	0.00	0.00	0.00	5.2	0	3
anthracene	aerosol	0.05	0.03	0.04	2.69	0.01	0.06	0.07	9.6	0	5
anthracene	air	0.01	0.00	0.00	2.70	0.00	0.00	0.01	12.3	0	7
anthracene	air	0.05	0.07	0.02	5.01	0.00	0.02	0.17	9.6	0	5
anthracene	air+aerosol	0.01	0.00	0.01	1.75	0.00	0.00	0.01	12.3	0	7
benz_a_anthracene	aerosol	0.00	0.00	0.00	1.69	0.00	0.01	0.01	11.5	0	6
benz_a_anthracene	aerosol	0.01	0.01	0.00	3.47	0.00	0.00	0.03	12.3	0	7
benz_a_anthracene	air	0.00	-	-	-	0.00	0.00	0.00	1.9	0	1
benz_a_anthracene	air	0.00	0.00	0.00	1.94	0.00	0.00	0.01	9.6	0	5
benz_a_anthracene	air+aerosol	0.01	0.01	0.00	3.47	0.00	0.00	0.03	12.3	0	7
benzo_a_pyrene	aerosol	0.00	0.00	0.00	1.00	0.00	0.00	0.00	11.5	6	6
benzo_a_pyrene	aerosol	0.01	0.00	0.00	2.05	0.00	0.01	0.01	6.8	0	4
benzo_a_pyrene	air	0.00	0.00	0.00	1.00	0.00	0.00	0.00	11.5	6	6
benzo_a_pyrene	air	0.00	0.00	0.00	1.00	0.00	0.00	0.00	12.3	7	7
benzo_a_pyrene	air+aerosol	0.01	0.00	0.00	2.05	0.00	0.01	0.01	6.8	0	4
benzo_e_pyrene	aerosol	0.00	0.00	0.00	1.00	0.00	0.00	0.00	11.5	6	6
benzo_e_pyrene	aerosol	0.03	0.03	0.02	2.73	0.01	0.02	0.07	6.8	0	4
benzo_e_pyrene	air	0.00	0.00	0.00	1.00	0.00	0.00	0.00	11.5	6	6
benzo_e_pyrene	air	0.00	0.00	0.00	1.00	0.00	0.00	0.00	12.3	7	7
benzo_e_pyrene	air+aerosol	0.03	0.03	0.02	2.73	0.01	0.02	0.07	6.8	0	4
benzo_ghi_ptylene	aerosol	0.00	0.00	0.00	1.00	0.00	0.00	0.00	11.5	6	6
benzo_ghi_ptylene	aerosol	0.06	0.10	0.03	6.92	0.00	0.02	0.19	5.2	0	3
benzo_ghi_ptylene	air	0.00	0.00	0.00	1.00	0.00	0.00	0.00	12.3	7	7
benzo_ghi_ptylene	air	0.00	0.00	0.00	1.76	0.00	0.00	0.00	11.5	5	6
benzo_ghi_ptylene	air+aerosol	0.06	0.10	0.03	6.92	0.00	0.02	0.19	5.2	0	3
beta_HCH	aerosol	0.01	0.00	0.01	1.41	0.01	0.01	0.01	3.3	0	2
beta_HCH	aerosol	0.21	0.08	0.20	1.58	0.12	0.24	0.28	5.8	0	3
beta_HCH	air	0.17	0.08	0.15	1.55	0.10	0.14	0.32	12.3	0	7
beta_HCH	air	0.28	0.06	0.28	1.22	0.24	0.28	0.32	3.8	0	2
beta_HCH	air+aerosol	0.17	0.08	0.16	1.53	0.10	0.14	0.32	12.3	0	7
chrysene	aerosol	0.02	0.01	0.01	2.01	0.01	0.01	0.04	11.5	0	6
chrysene	aerosol	0.04	0.06	0.01	4.99	0.00	0.01	0.14	12.3	0	7
chrysene	air	0.00	0.00	0.00	2.05	0.00	0.00	0.01	8.5	0	5
chrysene	air	0.01	0.02	0.01	3.15	0.00	0.01	0.04	11.5	0	6
chrysene	air+aerosol	0.04	0.06	0.02	4.00	0.01	0.01	0.14	12.3	0	7
cis_CD	aerosol	0.04	0.03	0.03	3.15	0.01	0.06	0.07	5.2	0	3
cis_CD	aerosol	0.17	0.06	0.16	1.39	0.12	0.15	0.28	9.6	0	5
cis_CD	air	0.16	0.04	0.16	1.30	0.13	0.16	0.20	3.8	0	2
cis_CD	air	0.18	0.10	0.15	1.83	0.07	0.16	0.30	11.0	0	6
cis_CD	air+aerosol	0.18	0.09	0.15	1.68	0.07	0.13	0.30	12.3	0	7

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Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
cis_NO	aerosol	0.01	0.00	0.01	1.63	0.01	0.01	0.01	3.3	0	2
cis_NO	aerosol	0.02	0.01	0.02	1.27	0.02	0.02	0.03	9.6	0	5
cis_NO	air	0.01	0.01	0.01	1.96	0.01	0.01	0.03	9.0	0	5
cis_NO	air	0.03	0.02	0.03	1.99	0.02	0.03	0.04	3.8	0	2
cis_NO	air+aerosol	0.01	0.01	0.01	1.86	0.01	0.01	0.03	12.3	0	7
dibenzo_ah_anthracene	aerosol	0.00	0.00	0.00	1.00	0.00	0.00	0.00	11.5	6	6
dibenzo_ah_anthracene	aerosol	0.01	0.01	0.00	3.08	0.00	0.00	0.02	6.8	0	4
dibenzo_ah_anthracene	air	0.00	0.00	0.00	1.00	0.00	0.00	0.00	11.5	6	6
dibenzo_ah_anthracene	air	0.00	0.00	0.00	1.00	0.00	0.00	0.00	12.3	7	7
dibenzo_ah_anthracene	air+aerosol	0.01	0.01	0.00	3.08	0.00	0.00	0.02	6.8	0	4
dibenzothiophene	aerosol	0.00	0.00	0.00	1.23	0.00	0.00	0.00	3.3	0	2
dibenzothiophene	aerosol	0.02	0.02	0.01	5.06	0.00	0.02	0.06	11.5	0	6
dibenzothiophene	air	0.01	0.01	0.01	1.77	0.01	0.01	0.02	12.3	0	7
dibenzothiophene	air	0.03	0.05	0.01	6.02	0.00	0.01	0.12	11.5	1	6
dibenzothiophene	air+aerosol	0.01	0.01	0.01	1.67	0.01	0.01	0.02	12.3	0	7
dieldrin	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
dieldrin	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
dieldrin	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
dieldrin	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
dieldrin	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
endrin	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
endrin	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
endrin	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
endrin	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
endrin	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
fluoranthene	aerosol	0.10	0.19	0.02	13.16	0.00	0.02	0.47	10.4	0	6
fluoranthene	aerosol	0.32	0.54	0.12	4.36	0.03	0.08	1.28	9.6	0	5
fluoranthene	air	0.03	0.03	0.02	3.07	0.00	0.03	0.08	12.3	0	7
fluoranthene	air	0.06	0.08	0.02	7.04	0.00	0.02	0.17	11.5	0	6
fluoranthene	air+aerosol	0.12	0.17	0.06	4.24	0.01	0.06	0.48	12.3	0	7
fluorene	aerosol	0.01	0.01	0.01	4.89	0.00	0.01	0.03	6.8	0	4
fluorene	aerosol	0.09	0.03	0.09	1.33	0.06	0.08	0.14	9.6	0	5
fluorene	air	0.15	0.14	0.09	3.41	0.01	0.11	0.42	11.5	0	6
fluorene	air	0.27	0.38	0.15	3.39	0.04	0.11	1.07	12.3	0	7
fluorene	air+aerosol	0.28	0.40	0.15	3.44	0.04	0.11	1.10	12.3	0	7
gamma_HCH	aerosol	0.02	0.02	0.02	2.06	0.01	0.01	0.05	8.8	0	5
gamma_HCH	aerosol	0.24	0.19	0.18	2.63	0.07	0.21	0.44	5.8	0	3
gamma_HCH	air	0.33	0.16	0.31	1.65	0.22	0.33	0.44	3.8	0	2
gamma_HCH	air	0.34	0.19	0.29	1.81	0.11	0.31	0.65	12.3	0	7
gamma_HCH	air+aerosol	0.36	0.18	0.32	1.64	0.15	0.31	0.65	12.3	0	7
heptachlor	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
heptachlor	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
heptachlor	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
heptachlor	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
heptachlor	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
heptachlorepoxyde	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
heptachlorepoxyde	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
heptachlorepoxyde	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
heptachlorepoxyde	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
heptachlorepoxyde	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
indeno_123cd_ptylene	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
indeno_123cd_ptylene	aerosol	0.02	0.02	0.01	3.30	0.00	0.01	0.04	5.2	0	3
indeno_123cd_ptylene	air	0.00	0.00	0.00	1.00	0.00	0.00	0.00	12.3	7	7
indeno_123cd_ptylene	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
indeno_123cd_ptylene	air+aerosol	0.02	0.02	0.01	3.30	0.00	0.01	0.04	5.2	0	3
mirex	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
mirex	aerosol	0.02	0.00	0.02	1.09	0.02	0.02	0.02	3.8	0	2
mirex	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
mirex	air	0.01	0.02	0.01	2.47	0.01	0.01	0.05	11.5	5	6
mirex	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
naphthalene	aerosol	0.00	0.00	0.00	1.69	0.00	0.00	0.01	9.6	0	5
naphthalene	aerosol	0.00	0.00	0.00	2.64	0.00	0.00	0.01	6.8	0	4
naphthalene	air	0.01	0.01	0.01	2.36	0.00	0.01	0.02	7.7	0	4
naphthalene	air	1.62	3.04	0.43	9.29	0.05	0.59	6.39	6.8	0	4
naphthalene	air+aerosol	1.63	3.05	0.44	9.20	0.05	0.60	6.39	6.8	0	4
octachlorostyrene	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
octachlorostyrene	aerosol	0.33	0.02	0.33	1.08	0.28	0.34	0.34	9.6	0	5
octachlorostyrene	air	0.23	0.08	0.21	1.45	0.13	0.22	0.33	12.3	0	7
octachlorostyrene	air	0.26	0.23	0.12	7.84	0.01	0.33	0.45	5.8	0	3
octachlorostyrene	air+aerosol	0.23	0.08	0.21	1.45	0.13	0.22	0.33	12.3	0	7
op_DDD	aerosol	0.01	0.00	0.01	1.49	0.01	0.01	0.01	4.9	0	3
op_DDD	aerosol	0.03	0.00	0.03	1.07	0.03	0.03	0.03	3.8	0	2
op_DDD	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
op_DDD	air	0.03	0.01	0.02	1.69	0.01	0.02	0.05	10.4	0	6
op_DDD	air+aerosol	0.02	0.02	0.02	2.19	0.01	0.02	0.05	12.3	0	7
op_DDE	aerosol	0.02	0.01	0.01	1.88	0.01	0.01	0.03	4.9	0	3
op_DDE	aerosol	0.07	0.03	0.06	1.87	0.03	0.07	0.10	9.6	0	5
op_DDE	air	0.06	0.01	0.06	1.14	0.05	0.06	0.07	7.7	0	4
op_DDE	air	0.19	0.25	0.08	4.30	0.02	0.05	0.62	12.3	0	7
op_DDE	air+aerosol	0.19	0.25	0.09	3.59	0.03	0.05	0.63	12.3	0	7
op_DDT	aerosol	0.02	0.01	0.01	2.07	0.01	0.02	0.03	7.4	0	4
op_DDT	aerosol	0.13	0.09	0.12	1.86	0.06	0.11	0.25	7.7	0	4
op_DDT	air	0.07	0.08	0.04	4.90	0.01	0.07	0.12	3.8	0	2
op_DDT	air	0.08	0.08	0.06	2.47	0.02	0.04	0.20	12.3	0	7
op_DDT	air+aerosol	0.09	0.08	0.07	2.25	0.04	0.04	0.23	12.3	0	7
oxychlordane	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
oxychlordane	aerosol	0.14	0.04	0.13	1.46	0.08	0.16	0.17	7.7	0	4
oxychlordane	air	0.03	0.06	0.01	4.04	0.01	0.01	0.15	11.5	5	6
oxychlordane	air	0.12	0.04	0.11	1.45	0.07	0.11	0.17	11.0	0	6
oxychlordane	air+aerosol	0.12	0.04	0.11	1.45	0.07	0.11	0.17	11.0	0	6
pentachloroanisole	aerosol	0.01	0.00	0.01	1.35	0.01	0.01	0.01	12.3	6	7
pentachloroanisole	aerosol	0.28	0.45	0.11	4.48	0.03	0.07	0.95	7.7	0	4
pentachloroanisole	air	0.16	0.14	0.12	2.40	0.06	0.11	0.31	5.8	0	3
pentachloroanisole	air	0.49	0.16	0.47	1.39	0.27	0.47	0.79	12.3	0	7
pentachloroanisole	air+aerosol	0.49	0.17	0.47	1.40	0.27	0.47	0.80	12.3	0	7
perylene	aerosol	0.00	0.00	0.00	1.00	0.00	0.00	0.00	4.9	0	3
perylene	aerosol	0.00	0.00	0.00	1.00	0.00	0.00	0.00	11.5	6	6
perylene	air	0.00	0.00	0.00	1.00	0.00	0.00	0.00	11.5	6	6
perylene	air	0.00	0.00	0.00	1.00	0.00	0.00	0.00	12.3	7	7
perylene	air+aerosol	0.00	0.00	0.00	1.00	0.00	0.00	0.00	4.9	0	3
phenanthrene	aerosol	0.08	0.13	0.04	4.09	0.01	0.02	0.36	12.3	0	7
phenanthrene	aerosol	0.60	0.43	0.26	8.64	0.00	0.67	1.04	11.5	0	6
phenanthrene	air	0.20	0.09	0.18	1.68	0.08	0.18	0.33	12.3	0	7
phenanthrene	air	0.51	0.69	0.14	9.30	0.00	0.24	1.81	11.5	0	6
phenanthrene	air+aerosol	0.28	0.17	0.24	1.96	0.09	0.28	0.54	12.3	0	7

RU0100R Tiksi (cont.)
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
pp_DDD	aerosol	0.01	0.01	0.01	2.11	0.01	0.01	0.03	6.8	0	4
pp_DDD	aerosol	0.01	0.01	0.01	2.19	0.01	0.01	0.03	11.5	5	6
pp_DDD	air	0.04	0.03	0.03	2.52	0.02	0.04	0.06	3.8	0	2
pp_DDD	air	0.05	0.04	0.04	1.89	0.02	0.04	0.11	12.3	0	7
pp_DDD	air+aerosol	0.06	0.04	0.05	1.87	0.03	0.04	0.14	12.3	0	7
pp_DDE	aerosol	0.06	0.05	0.04	3.61	0.01	0.06	0.12	6.8	0	4
pp_DDE	aerosol	0.32	0.25	0.24	2.41	0.10	0.25	0.65	11.5	0	6
pp_DDE	air	0.37	0.05	0.37	1.15	0.30	0.38	0.41	7.7	0	4
pp_DDE	air	0.43	0.54	0.22	3.28	0.08	0.13	1.40	12.3	0	7
pp_DDE	air+aerosol	0.46	0.54	0.28	2.89	0.09	0.20	1.44	12.3	0	7
pp_DDT	aerosol	0.05	0.07	0.04	2.88	0.01	0.03	0.20	10.7	0	6
pp_DDT	aerosol	0.28	0.12	0.26	1.62	0.15	0.31	0.38	5.8	0	3
pp_DDT	air	0.12	0.09	0.09	2.94	0.02	0.13	0.26	9.6	0	5
pp_DDT	air	0.26	0.37	0.13	3.40	0.04	0.09	1.03	12.3	0	7
pp_DDT	air+aerosol	0.31	0.43	0.17	3.11	0.06	0.12	1.23	12.3	0	7
pyrene	aerosol	0.06	0.08	0.02	8.92	0.00	0.01	0.19	8.5	0	5
pyrene	aerosol	0.09	0.05	0.07	2.58	0.01	0.11	0.13	9.6	0	5
pyrene	air	0.01	0.01	0.01	2.68	0.00	0.01	0.03	12.3	0	7
pyrene	air	0.09	0.11	0.04	4.79	0.01	0.03	0.27	9.6	0	5
pyrene	air+aerosol	0.06	0.07	0.03	3.63	0.01	0.02	0.19	12.3	0	7
retene	aerosol	0.02	0.03	0.01	9.04	0.00	0.01	0.07	7.1	0	4
retene	aerosol	0.13	0.12	0.08	3.21	0.02	0.08	0.30	9.6	0	5
retene	air	0.01	0.01	0.00	3.00	0.00	0.00	0.01	12.3	0	7
retene	air	0.05	0.09	0.01	7.61	0.00	0.01	0.23	11.5	0	6
retene	air+aerosol	0.02	0.02	0.01	2.93	0.00	0.01	0.07	12.3	0	7
tetrachloroveratrole	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	11.5	6	6
tetrachloroveratrole	aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
tetrachloroveratrole	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
tetrachloroveratrole	air	0.02	0.04	0.01	3.58	0.01	0.01	0.11	11.5	5	6
tetrachloroveratrole	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	12.3	7	7
trans_CD	aerosol	0.02	0.00	0.02	1.20	0.01	0.02	0.02	7.7	0	4
trans_CD	aerosol	0.03	0.02	0.02	3.28	0.01	0.03	0.04	5.2	0	3
trans_CD	air	0.02	0.01	0.02	1.87	0.01	0.02	0.03	3.8	0	2
trans_CD	air	0.07	0.03	0.07	1.58	0.04	0.06	0.12	11.0	0	6
trans_CD	air+aerosol	0.07	0.03	0.07	1.50	0.04	0.08	0.12	12.3	0	7
trans_NO	aerosol	0.03	0.02	0.02	2.71	0.01	0.01	0.06	8.5	0	5
trans_NO	aerosol	0.16	0.02	0.16	1.15	0.13	0.17	0.19	9.6	0	5
trans_NO	air	0.14	0.09	0.12	2.02	0.04	0.14	0.27	11.0	0	6
trans_NO	air	0.20	0.07	0.19	1.45	0.15	0.20	0.25	3.8	0	2
trans_NO	air+aerosol	0.15	0.08	0.12	1.76	0.06	0.12	0.27	12.3	0	7

SE0012R Aspvreten
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
1234678_HpCDD	air+aerosol	0.05	0.21	0.07	3.46	0.02	0.04	0.47	37.0	0	5
1234678_HpCDF	air+aerosol	0.04	0.11	0.05	2.90	0.02	0.04	0.26	37.0	0	5
1234789_HpCDF	air+aerosol	0.00	0.01	0.01	3.33	0.00	0.01	0.03	37.0	1	5
123478_HxCDD	air+aerosol	0.04	0.18	0.06	3.23	0.03	0.03	0.39	37.0	0	5
123478_HxCDF	air+aerosol	0.11	0.43	0.14	3.31	0.05	0.12	0.97	37.0	0	5
123678_HxCDD	air+aerosol	0.07	0.26	0.09	3.28	0.03	0.05	0.59	37.0	0	5
123678_HxCDF	air+aerosol	0.09	0.28	0.12	2.92	0.05	0.09	0.65	37.0	0	5
123789_HxCDD	air+aerosol	0.04	0.21	0.06	3.41	0.02	0.03	0.47	37.0	0	5
123789_HxCDF	air+aerosol	0.05	0.14	0.06	2.53	0.04	0.04	0.33	37.0	0	5
12378_PeCDD	air+aerosol	0.32	2.02	0.32	5.50	0.10	0.10	4.30	37.0	3	5
12378_PeCDF	air+aerosol	0.03	0.02	0.03	1.87	0.01	0.02	0.05	37.0	0	5
234678_HxCDF	air+aerosol	0.13	0.49	0.17	3.12	0.07	0.11	1.10	37.0	0	5
23478_PeCDF	air+aerosol	0.45	0.73	0.45	2.83	0.15	0.29	1.74	37.0	0	5
2378_TCDD	air+aerosol	0.05	0.02	0.06	1.36	0.05	0.05	0.10	37.0	5	5
2378_TCDF	air+aerosol	0.13	0.06	0.12	1.71	0.07	0.16	0.20	37.0	0	5
BDE_100	air+aerosol	0.02	0.02	0.02	1.65	0.01	0.01	0.06	98.1	10	13
BDE_153	air+aerosol	0.02	0.00	0.02	1.06	0.02	0.02	0.03	98.1	13	13
BDE_154	air+aerosol	0.04	0.00	0.03	1.10	0.03	0.04	0.04	98.1	13	13
BDE_47	air+aerosol	0.11	0.06	0.09	2.00	0.01	0.09	0.22	98.1	1	13
BDE_85	air+aerosol	0.06	0.08	0.04	2.91	0.02	0.02	0.23	98.1	9	13
BDE_99	air+aerosol	0.03	0.03	0.03	1.91	0.01	0.03	0.10	98.1	7	13
HCB	air+aerosol	26.37	11.73	21.96	1.78	5.90	25.00	47.00	98.1	0	13
OCDD	air+aerosol	0.00	0.01	0.00	2.92	0.00	0.00	0.02	37.0	0	5
OCDF	air+aerosol	0.00	0.00	0.00	1.82	0.00	0.00	0.00	37.0	0	5
PCB_101	air+aerosol	0.48	0.19	0.43	1.52	0.26	0.34	0.82	98.1	0	13
PCB_118	air+aerosol	0.11	0.06	0.09	1.99	0.03	0.11	0.22	98.1	2	13
PCB_138	air+aerosol	0.16	0.12	0.11	2.70	0.03	0.13	0.33	98.1	3	13
PCB_153	air+aerosol	0.29	0.16	0.25	1.72	0.13	0.22	0.61	98.1	0	13
PCB_180	air+aerosol	0.08	0.04	0.06	1.99	0.01	0.08	0.13	98.1	3	13
PCB_28	air+aerosol	0.79	0.23	0.74	1.31	0.49	0.72	1.31	98.1	0	13
PCB_52	air+aerosol	0.79	0.33	0.63	2.42	0.04	0.75	1.19	98.1	1	13
alpha_HCH	air+aerosol	3.16	1.39	2.84	1.48	1.72	2.71	6.59	98.1	0	13
anthracene	air+aerosol	0.02	0.01	0.01	1.84	0.01	0.01	0.04	98.1	0	13
benz_a_anthracene	air+aerosol	0.04	0.03	0.03	1.91	0.02	0.03	0.12	98.1	0	13
benzo_a_pyrene	air+aerosol	0.06	0.04	0.05	1.84	0.02	0.04	0.14	90.4	0	12
benzo_b_fluoranthene	air+aerosol	0.07	0.07	0.05	2.36	0.01	0.04	0.23	98.1	0	13
benzo_ghi_erylene	air+aerosol	0.04	0.04	0.02	2.61	0.01	0.02	0.12	98.1	0	13
benzo_k_fluoranthene	air+aerosol	0.02	0.03	0.02	2.33	0.01	0.01	0.09	98.1	0	13
chrysene	air+aerosol	0.07	0.07	0.05	2.30	0.02	0.04	0.23	98.1	0	13
dibenzo_ah_anthracene	air+aerosol	0.01	0.01	0.01	2.14	0.00	0.01	0.02	98.1	0	13
fluoranthene	air+aerosol	0.29	0.22	0.24	1.97	0.09	0.19	0.80	98.1	0	13
gamma_HCH	air+aerosol	1.94	1.06	1.38	2.65	0.10	2.32	3.41	98.1	0	13
inden_123cd_pyrene	air+aerosol	0.04	0.04	0.03	2.55	0.01	0.02	0.14	98.1	0	13
phenanthrene	air+aerosol	0.80	0.44	0.73	1.66	0.38	0.77	1.73	98.1	0	13
pp_DDD	air+aerosol	0.06	0.12	0.03	3.62	0.01	0.01	0.36	98.1	9	13
pp_DDE	air+aerosol	1.13	0.47	1.02	1.48	0.60	0.90	2.18	98.1	0	13
pp_DDT	air+aerosol	0.06	0.09	0.03	3.32	0.01	0.01	0.30	98.1	9	13
pyrene	air+aerosol	0.17	0.13	0.14	2.07	0.04	0.13	0.49	98.1	0	13

SE0014R RÄVÄ¶
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
1234678 HpCDD	air+aerosol	0.10	0.09	0.11	1.97	0.05	0.14	0.25	38.6	0	5
1234678 HpCDF	air+aerosol	0.06	0.04	0.06	1.69	0.04	0.05	0.13	38.6	0	5
1234789 HpCDF	air+aerosol	0.01	0.00	0.01	1.58	0.00	0.01	0.01	38.6	0	5
123478 HxCDD	air+aerosol	0.07	0.04	0.08	1.72	0.04	0.10	0.14	38.6	0	5
123478 HxCDF	air+aerosol	0.16	0.15	0.19	1.67	0.12	0.17	0.46	38.6	0	5
123678 HxCDD	air+aerosol	0.10	0.08	0.11	1.90	0.05	0.14	0.24	38.6	0	5
123678 HxCDF	air+aerosol	0.14	0.07	0.16	1.44	0.11	0.17	0.26	38.6	0	5
123789 HxCDD	air+aerosol	0.09	0.07	0.09	1.86	0.05	0.12	0.20	38.6	0	5
123789 HxCDF	air+aerosol	0.07	0.04	0.08	1.54	0.05	0.07	0.15	38.6	0	5
12378 PeCDD	air+aerosol	0.40	0.42	0.48	1.81	0.25	0.44	1.20	38.6	0	5
12378 PeCDF	air+aerosol	0.04	0.01	0.04	1.27	0.03	0.04	0.05	38.6	0	5
234678 HxCDF	air+aerosol	0.17	0.14	0.20	1.69	0.11	0.21	0.45	38.6	0	5
23478 PeCDF	air+aerosol	0.55	0.50	0.66	1.67	0.42	0.63	1.53	38.6	0	5
2378 TCDD	air+aerosol	0.10	0.02	0.11	1.20	0.10	0.10	0.15	38.6	5	5
2378 TCDF	air+aerosol	0.18	0.05	0.19	1.29	0.15	0.21	0.27	38.6	0	5
BDE_100	air+aerosol	0.02	0.01	0.02	1.36	0.02	0.02	0.06	100.0	12	13
BDE_153	air+aerosol	0.03	0.01	0.03	1.36	0.03	0.03	0.07	100.0	13	13
BDE_154	air+aerosol	0.04	0.01	0.04	1.19	0.04	0.04	0.07	100.0	13	13
BDE_47	air+aerosol	0.11	0.08	0.09	2.01	0.02	0.08	0.34	100.0	1	13
BDE_85	air+aerosol	0.03	0.00	0.03	1.00	0.03	0.03	0.03	100.0	13	13
BDE_99	air+aerosol	0.05	0.04	0.04	2.06	0.02	0.02	0.11	100.0	7	13
FTS_6-2	air+aerosol	0.08	0.03	0.07	1.40	0.05	0.08	0.14	99.7	4	12
HCB	air+aerosol	23.91	12.13	19.41	1.85	5.90	21.00	45.00	100.0	0	13
OCDD	air+aerosol	0.01	0.01	0.01	2.01	0.00	0.01	0.02	38.6	0	5
OCDF	air+aerosol	0.00	0.00	0.00	1.67	0.00	0.00	0.00	38.6	0	5
PCB_101	air+aerosol	1.12	0.85	0.76	2.39	0.12	0.69	3.02	100.0	0	13
PCB_118	air+aerosol	0.37	0.28	0.26	2.46	0.03	0.29	1.02	100.0	1	13
PCB_138	air+aerosol	0.66	0.60	0.39	2.92	0.03	0.34	2.13	100.0	1	13
PCB_153	air+aerosol	0.92	0.74	0.56	3.04	0.03	0.45	2.59	100.0	1	13
PCB_180	air+aerosol	0.23	0.21	0.14	2.52	0.03	0.11	0.74	100.0	1	13
PCB_28	air+aerosol	0.92	0.40	0.80	1.55	0.35	0.80	1.81	100.0	0	13
PCB_52	air+aerosol	1.37	0.81	1.09	1.82	0.43	0.98	3.04	100.0	0	13
PFBA	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	99.7	12	12
PFBS	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	99.7	12	12
PFDCa	air+aerosol	0.12	0.04	0.12	1.36	0.08	0.10	0.20	99.7	0	12
PFDCS	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	99.7	12	12
PFHpA	air+aerosol	0.18	0.05	0.17	1.31	0.11	0.17	0.30	99.7	0	12
PFHxA	air+aerosol	0.37	0.15	0.34	1.42	0.22	0.36	0.75	99.7	0	12
PFHxS	air+aerosol	0.07	0.04	0.06	1.61	0.05	0.05	0.17	99.7	9	12
PFNA	air+aerosol	0.25	0.07	0.24	1.32	0.16	0.23	0.39	99.7	0	12
PFNA	air+aerosol	0.69	0.14	0.67	1.24	0.46	0.63	0.93	99.7	0	12
PFOS	air+aerosol	0.71	0.24	0.68	1.41	0.34	0.67	1.17	99.7	0	12
PFOSA	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	99.7	12	12
PFUnA	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	99.7	12	12
aldrin	air+aerosol	0.15	0.00	0.15	1.00	0.15	0.15	0.15	100.0	13	13
alpha_HCH	air+aerosol	3.27	1.47	2.78	1.64	1.20	2.69	5.95	100.0	0	13
anthracene	air+aerosol	0.01	0.01	0.01	3.40	0.00	0.01	0.05	100.0	0	13
benz_a anthracene	air+aerosol	0.04	0.05	0.02	3.63	0.00	0.01	0.18	100.0	0	13
benzo_a pyrene	air+aerosol	0.04	0.05	0.03	2.94	0.00	0.03	0.18	100.0	0	13
benzo_b fluoranthene	air+aerosol	0.08	0.12	0.04	3.41	0.01	0.04	0.43	100.0	0	13
benzo_g hi perylene	air+aerosol	0.04	0.06	0.02	3.54	0.00	0.02	0.22	100.0	0	13
benzo_k fluoranthene	air+aerosol	0.03	0.04	0.01	3.52	0.00	0.01	0.14	100.0	0	13
chrysene	air+aerosol	0.08	0.13	0.05	3.79	0.01	0.04	0.37	100.0	0	13
dibenzo ah anthracene	air+aerosol	0.01	0.01	0.00	3.51	0.00	0.00	0.03	100.0	0	13
fluoranthene	air+aerosol	0.29	0.34	0.18	3.20	0.02	0.15	1.24	100.0	0	13
gamma_HCH	air+aerosol	2.50	1.44	1.96	1.82	0.80	1.92	5.44	100.0	0	13
inden_123cd pyrene	air+aerosol	0.05	0.07	0.02	3.67	0.00	0.02	0.26	100.0	0	13
phenanthrene	air+aerosol	0.71	0.58	0.57	2.18	0.18	0.58	2.25	100.0	0	13
pp_DDD	air+aerosol	0.03	0.01	0.03	1.53	0.02	0.02	0.06	100.0	10	13
pp_DDE	air+aerosol	1.23	0.74	0.79	2.80	0.10	1.07	2.43	100.0	0	13
pp_DDT	air+aerosol	0.39	0.23	0.30	2.05	0.05	0.36	0.88	100.0	0	13
pyrene	air+aerosol	0.17	0.20	0.10	3.37	0.01	0.09	0.70	100.0	0	13

SE0020R Hallahus
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
anthracene	air+aerosol	0.00	0.01	0.00	3.06	0.00	0.00	0.02	100.0	2	13
benz_a anthracene	air+aerosol	0.04	0.08	0.01	5.18	0.00	0.02	0.28	100.0	0	13
benzo_a pyrene	air+aerosol	0.04	0.08	0.01	4.75	0.00	0.02	0.29	100.0	0	13
benzo_b fluoranthene	air+aerosol	0.10	0.17	0.04	4.22	0.00	0.05	0.58	100.0	0	13
benzo_g hi perylene	air+aerosol	0.06	0.11	0.03	3.66	0.01	0.04	0.38	100.0	0	13
benzo_k fluoranthene	air+aerosol	0.04	0.06	0.01	4.75	0.00	0.02	0.23	100.0	0	13
chrysene	air+aerosol	0.07	0.13	0.02	4.57	0.00	0.03	0.45	100.0	0	13
dibenzo ah anthracene	air+aerosol	0.01	0.01	0.00	3.83	0.00	0.00	0.05	100.0	2	13
fluoranthene	air+aerosol	0.11	0.22	0.05	3.88	0.00	0.04	0.76	100.0	0	13
inden_123cd pyrene	air+aerosol	0.07	0.11	0.03	4.14	0.00	0.04	0.40	100.0	0	13
phenanthrene	air+aerosol	0.05	0.10	0.01	5.13	0.00	0.02	0.33	100.0	2	13
pyrene	air+aerosol	0.07	0.13	0.04	3.50	0.00	0.04	0.41	100.0	0	13

SI0008R Iskrba
January 2017 - December 2017

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a anthracene	pm10	0.11	0.20	0.04	4.22	0.01	0.05	1.80	47.7	78	174
benzo_a pyrene	pm10	0.16	0.24	0.06	4.62	0.01	0.07	1.52	47.7	60	174
benzo_bjk fluoranthenes	pm10	0.53	0.74	0.27	3.44	0.02	0.26	4.74	47.7	21	174
dibenzo ah anthracene	pm10	0.05	0.06	0.02	3.27	0.01	0.01	0.33	47.7	112	174
inden_123cd pyrene	pm10	0.21	0.32	0.07	5.09	0.01	0.09	1.80	47.7	57	174

Annex 5

Monthly and annual mean values for heavy metals in precipitation

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2017	
			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
FI0018R	aluminium	precip	81	100	20	100	77	100	35	100	258	100	25	100	23	100	32	100	9	100	8	100	9	100	4	100	20	100
FI0036R	aluminium	precip	3	100	3	100	6	100	3	100	4	100	4	100	3	100	1	100	3	100	1	100	1	100	0	100	2	100
FI0050R	aluminium	precip	19	100	21	100	47	100	22	100	42	100	7	100	8	100	6	100	2	100	3	100	6	100	2	100	9	100
FI0053R	aluminium	precip	28	100	6	100	23	100	8	100	13	100	47	100	12	100	7	100	4	100	3	100	9	100	2	100	9	100
FI0092R	aluminium	precip	5	100	4	100	12	100	6	100	34	100	13	100	4	100	5	100	6	100	3	100	1	100	1	100	6	100
FI0093R	aluminium	precip	5	100	4	100	12	100	5	100	35	100	13	100	4	100	5	100	6	100	3	100	2	100	-	-	7	100
GB0048R	aluminium	precip	5	100	4	100	5	100	20	84	14	93	5	100	3	100	5	100	4	100	8	100	85	100	157	98	23	99
GB1055R	aluminium	precip	4	100	4	61	14	100	11	63	25	60	6	98	3	97	8	100	7	100	9	80	119	100	2	100	21	92
IS0091R	aluminium	precip	54	100	187	100	262	100	169	100	67	100	669	100	499	100	155	100	84	100	443	100	291	100	66	100	199	100
DE0001R	antimony	precip	0.06	91	0.07	100	0.06	100	0.05	100	0.06	99	0.07	100	0.04	100	0.06	100	0.05	100	0.06	100	0.07	100	0.05	100	0.06	100
DE0002R	antimony	precip	0.05	98	0.06	100	0.08	100	0.12	99	0.10	100	0.08	100	0.04	100	0.06	100	0.08	100	0.07	100	0.09	100	0.07	100	0.07	100
DE0003R	antimony	precip	0.04	99	0.03	100	0.04	100	0.13	100	0.05	100	0.04	100	0.05	100	0.05	100	0.04	100	0.07	100	0.05	100	0.03	100	0.05	100
DE0007R	antimony	precip	0.07	98	0.04	96	0.08	100	0.11	99	0.07	100	0.06	100	0.05	100	0.09	100	0.09	100	0.05	100	0.07	100	0.09	99	0.07	100
DE0008R	antimony	precip	0.08	99	0.08	100	0.05	99	0.15	99	0.10	100	0.06	100	0.04	100	0.05	100	0.04	100	0.10	100	0.08	100	0.10	100	0.07	100
DE0009R	antimony	precip	0.06	96	0.08	100	0.06	100	0.08	100	0.10	100	0.08	100	0.04	100	0.06	100	0.07	100	0.04	100	0.07	100	0.07	100	0.06	100
GB0048R	antimony	precip	0.04	100	0.02	100	0.05	100	0.04	84	0.03	93	0.01	100	0.04	100	0.01	100	0.02	100	0.05	100	0.01	100	0.02	98	0.03	99
GB1055R	antimony	precip	0.05	100	0.03	61	0.04	100	0.07	63	0.08	60	0.05	98	0.02	97	0.07	100	0.06	100	0.05	80	0.08	100	0.02	100	0.05	92
BE0014R	arsenic	precip	0.035	100	0.086	100	0.085	98	0.126	96	0.063	98	0.148	93	0.048	100	0.059	100	0.047	100	0.105	98	0.103	100	0.036	100	0.061	100
CZ0003R	arsenic	precip	0.076	95	0.074	97	0.067	98	0.230	98	0.258	98	0.084	99	0.113	100	0.119	99	0.079	97	0.055	99	0.314	96	0.088	92	0.126	98
CZ0005R	arsenic	precip	0.110	99	0.103	100	0.059	94	0.048	54	0.138	100	0.053	100	0.048	100	0.048	100	0.072	100	0.331	78	0.114	100	0.054	100	0.094	92
DE0001R	arsenic	precip	0.056	91	0.054	100	0.047	100	0.046	100	0.042	99	0.061	100	0.032	100	0.040	100	0.037	100	0.070	100	0.043	100	0.034	100	0.046	100
DE0002R	arsenic	precip	0.038	98	0.038	100	0.040	100	0.094	99	0.086	100	0.060	100	0.064	100	0.042	100	0.077	100	0.051	100	0.054	100	0.032	100	0.059	100
DE0003R	arsenic	precip	0.029	99	0.020	100	0.029	100	0.092	100	0.035	100	0.025	100	0.030	100	0.043	100	0.023	100	0.031	100	0.031	100	0.015	100	0.031	100
DE0007R	arsenic	precip	0.155	98	0.048	96	0.150	100	0.165	99	0.089	100	0.044	100	0.059	100	0.053	100	0.116	100	0.045	100	0.047	100	0.047	99	0.073	100
DE0008R	arsenic	precip	0.049	99	0.051	100	0.029	99	0.150	99	0.207	100	0.045	100	0.027	100	0.040	100	0.028	100	0.044	100	0.057	100	0.043	100	0.053	100
DE0009R	arsenic	precip	0.076	96	0.072	100	0.046	100	0.068	100	0.144	100	0.068	100	0.045	100	0.048	100	0.051	100	0.026	100	0.053	100	0.055	100	0.057	100
DK0005R	arsenic	precip	0.080	100	0.159	100	0.118	100	0.121	100	0.111	100	0.057	100	0.057	8	0.080	100	0.076	100	0.044	100	0.042	100	0.042	100	0.078	98
DK0008R	arsenic	precip	0.591	100	0.950	100	0.436	100	0.320	100	0.282	100	0.227	100	0.021	100	0.168	100	0.129	100	0.154	100	0.175	100	0.224	100	0.219	100
DK0012R	arsenic	precip	0.085	100	0.098	100	0.090	100	0.024	100	0.244	100	0.088	100	0.022	100	0.077	100	0.045	100	0.095	100	0.055	100	0.032	100	0.066	100
DK0022R	arsenic	precip	0.049	100	0.076	100	0.083	100	0.065	100	0.137	100	0.087	100	0.048	100	0.115	100	0.072	100	0.072	100	0.065	100	0.039	100	0.072	100
EE0009R	arsenic	precip	0.090	100	0.060	100	0.090	100	0.060	100	0.089	100	0.060	100	0.042	100	0.070	100	0.070	100	0.025	100	0.090	100	0.070	100	0.060	100
ES0008R	arsenic	precip	0.064	100	0.120	100	0.082	100	0.085	100	0.085	100	0.084	100	0.108	100	0.099	100	0.083	100	0.141	100	0.075	100	0.069	100	0.085	100
ES0009R	arsenic	precip	0.041	99	0.071	100	0.071	100	0.133	100	0.066	100	0.130	100	0.679	100	0.146	100	0.081	100	0.020	100	0.024	100	0.043	100	0.169	100
FI0018R	arsenic	precip	0.234	100	0.128	100	0.301	100	0.110	100	0.241	100	0.075	100	0.057	100	0.054	100	0.059	100	0.044	100	0.083	100	0.056	100	0.072	100
FI0036R	arsenic	precip	0.036	100	0.016	100	0.058	100	0.045	100	0.053	100	0.041	100	0.020	100	0.030	100	0.103	100	0.019	100	0.016	100	0.013	100	0.032	100
FI0050R	arsenic	precip	0.178	100	0.134	100	0.308	100	0.065	100	0.073	100	0.039	100	0.023	100	0.029	100	0.031	100	0.028	100	0.071	100	0.029	100	0.053	100
FI0053R	arsenic	precip	0.352	100	0.055	100	0.151	100	0.058	100	0.045	100	0.078	100	0.023	100	0.018	100	0.041	100	0.035	100	0.049	100	0.029	100	0.043	100
FI0092R	arsenic	precip	0.094	100	0.018	100	0.075	100	0.035	100	0.081	100	0.039	100	0.023	100	0.032	100	0.051	100	0.033	100	0.036	100	0.030	100	0.039	100
FI0093R	arsenic	precip	0.091	100	0.019	100	0.075	100	0.034	100	0.082	100	0.039	100	0.023	100	0.033	100	0.051	100	0.033	100	0.037	100	-	-	0.040	100
FR0009R	arsenic	precip	0.068	100	0.071	100	0.087	100	0.224	100	0.118	100	0.088	100	0.066	100	0.040	100	0.042	100	0.075	100	0.080	100	0.012	100	0.062	100
FR0013R	arsenic	precip	0.064	100	0.055	100	0.117	100	0.156	100	0.156	100	0.149	100	0.180	100	0.192	100	0.087	100	0.143	100	0.112	100	0.025	100	0.109	100
FR0023R	arsenic	precip	0.173	100	0.091	100	0.135	100	0.465	100	0.100	100	0.352	100	0.265	100	0.309	100	0.307	100	0.235	100	0.119	100	0.009	100	0.164	100
FR0024R	arsenic	precip	0.253	95	0.406	1	0.575	100	2.136	100	0.188	100	0.582	100	0.267	100	0.201	100	0.167	100	0.144	100	0.156	34	0.017	96	0.275	81
FR0025R	arsenic	precip	0.060	100	0.108	100	0.107	100	0.212	100	0.093	100	0.176	100	0.247	100	0.602	100	0.247	100	0.116	76	0.813	95	0.103	100	0.225	98

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2017			
			avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
FR0090R	arsenic	precip	0.110	100	0.205	100	0.132	100	0.248	100	0.327	100	0.291	100	0.069	100	0.147	100	0.138	100	0.099	100	0.102	100	0.106	100	0.164	100	100	100
GB0006R	arsenic	precip	-	-	0.069	100	0.076	100	0.125	100	0.158	100	0.126	100	0.108	100	0.121	100	0.121	100	0.075	100	0.072	100	0.072	100	0.104	89	89	
GB0013R	arsenic	precip	0.068	12	0.102	100	0.093	100	0.090	100	0.048	100	0.036	80	0.067	87	0.041	100	0.048	100	0.087	99	0.078	99	0.090	100	0.074	91	91	
GB0017R	arsenic	precip	0.153	100	0.199	100	0.189	100	0.129	5	0.105	91	0.105	11	0.087	96	0.081	100	0.077	100	0.077	9	0.133	95	0.088	100	0.115	84	84	
GB0048R	arsenic	precip	0.104	100	0.114	100	0.071	100	0.097	84	0.052	93	0.031	100	0.049	100	0.026	100	0.038	100	0.064	100	0.042	100	0.063	98	0.056	99	99	
GB1055R	arsenic	precip	0.071	100	0.102	61	0.065	100	0.092	63	0.075	60	0.089	98	0.034	97	0.055	100	0.074	100	0.075	80	0.082	100	0.072	100	0.069	92	92	
IS0091R	arsenic	precip	-0.043	100	-0.045	100	-0.045	100	-0.045	100	-0.045	100	0.113	100	0.172	100	0.271	100	-0.045	100	-0.045	100	0.045	100	-0.045	100	-0.013	100	100	
LV0010R	arsenic	precip	0.100	98	0.123	99	0.523	100	0.100	100	0.154	100	0.151	100	0.236	100	0.100	100	0.100	100	0.100	100	0.100	100	0.100	100	0.134	100	100	
NL0010R	arsenic	precip	0.073	100	0.119	100	0.092	100	0.396	100	0.271	47	0.233	59	0.062	68	0.256	7	0.112	96	0.144	100	0.172	100	0.034	100	0.124	84	84	
NL0091R	arsenic	precip	0.064	100	0.055	100	0.039	100	0.048	100	0.048	100	0.084	100	0.066	100	0.052	100	0.035	100	0.064	100	0.104	100	0.038	100	0.054	100	100	
NO0001R	arsenic	precip	0.147	100	0.278	100	0.055	100	0.052	99	0.112	100	0.070	100	0.060	100	0.049	100	0.138	100	0.045	100	0.061	100	0.045	100	0.094	100	100	
PL0005R	arsenic	precip	0.262	100	0.278	100	0.260	100	0.251	100	0.267	100	0.210	100	0.246	100	0.200	100	0.209	100	0.269	100	0.290	100	0.253	100	0.244	100	100	
SE0005R	arsenic	precip	0.050	100	0.050	100	0.050	100	0.059	100	0.050	100	0.050	100	0.050	100	0.050	100	0.050	100	0.050	100	0.050	100	0.050	100	0.050	100	100	
SE0012R	arsenic	precip	0.942	100	0.302	100	0.370	100	0.299	100	0.430	100	1.010	100	0.330	100	0.156	100	0.140	100	0.058	100	0.123	100	0.190	100	0.265	100	100	
SE0014R	arsenic	precip	0.134	100	0.092	100	0.120	100	0.232	100	0.067	100	0.234	100	0.082	100	0.128	100	0.070	100	0.051	100	0.050	100	0.050	100	0.100	100	100	
SE0020R	arsenic	precip	0.131	100	0.088	100	0.050	100	0.057	100	0.120	100	0.109	100	0.050	100	0.050	100	0.050	100	0.054	100	0.107	100	0.050	100	0.070	100	100	
SI0008R	arsenic	precip	0.068	100	0.062	100	0.025	100	0.035	100	0.025	100	0.084	100	0.025	100	0.037	100	0.035	62	0.042	24	0.025	59	0.025	100	0.039	83	83	
SK0002R	arsenic	precip	0.330	100	0.060	100	0.380	100	0.160	100	0.160	100	0.120	100	0.080	100	0.040	100	0.040	100	0.030	100	0.030	100	0.060	100	0.114	100	100	
SK0004R	arsenic	precip	0.060	100	0.050	100	0.100	100	0.090	100	0.110	100	0.050	100	0.000	100	0.040	100	0.020	100	0.020	100	0.020	100	0.020	100	0.046	100	100	
SK0006R	arsenic	precip	0.088	100	0.137	100	0.178	100	0.217	100	0.074	100	0.061	100	0.064	100	0.053	100	0.021	100	0.041	100	0.061	100	0.116	100	0.079	100	100	
SK0007R	arsenic	precip	0.160	100	0.580	100	0.020	100	0.090	100	0.190	100	-	0.020	100	0.070	100	0.020	100	0.020	100	0.030	100	0.020	100	0.068	100	100	100	
GB0048R	barium	precip	0.56	100	1.05	100	0.31	100	0.73	84	0.69	93	0.24	100	0.30	100	0.23	100	0.24	100	0.53	100	3.66	100	5.51	98	1.05	99	99	
GB1055R	barium	precip	0.49	100	0.42	61	0.80	100	1.03	63	1.22	60	1.23	98	1.06	97	0.87	100	1.03	100	0.67	80	3.95	100	0.26	100	1.15	92	92	
GB0048R	beryllium	precip	0.002	100	0.002	100	0.002	100	0.002	98	0.002	93	0.002	100	0.002	100	0.002	100	0.002	100	0.002	100	0.002	100	0.002	98	0.002	99	99	
GB1055R	beryllium	precip	0.002	100	0.002	100	0.003	100	0.002	63	0.002	60	0.002	98	0.002	97	0.002	100	0.002	100	0.002	80	0.002	100	0.005	100	0.003	95	95	
BE0014R	cadmium	precip	0.013	100	0.059	100	0.026	98	0.030	96	0.032	98	0.050	93	0.018	100	0.018	100	0.035	100	0.023	98	0.025	100	0.011	100	0.025	100	100	
CZ0003R	cadmium	precip	0.042	95	0.028	97	0.018	98	0.034	98	0.043	98	0.018	99	0.012	100	0.021	99	0.023	97	0.010	99	0.071	96	0.020	92	0.024	98	98	
CZ0005R	cadmium	precip	0.018	99	0.022	100	0.009	94	0.014	54	0.026	100	0.007	100	0.004	100	0.013	100	0.023	100	0.015	78	0.016	100	0.007	100	0.013	92	92	
DE0001R	cadmium	precip	0.015	91	0.014	100	0.011	100	0.007	100	0.010	99	0.013	100	0.008	100	0.009	100	0.008	100	0.010	100	0.009	100	0.011	100	0.010	100	100	
DE0002R	cadmium	precip	0.014	98	0.013	100	0.013	100	0.032	99	0.022	100	0.015	100	0.008	100	0.009	100	0.023	100	0.020	100	0.019	100	0.019	100	0.016	100	100	
DE0003R	cadmium	precip	0.009	99	0.006	100	0.007	100	0.025	100	0.009	100	0.005	100	0.008	100	0.011	100	0.006	100	0.009	100	0.008	100	0.004	100	0.008	100	100	
DE0007R	cadmium	precip	0.024	98	0.011	96	0.017	100	0.028	99	0.028	100	0.011	100	0.010	100	0.010	100	0.027	100	0.013	100	0.014	100	0.017	99	0.015	100	100	
DE0008R	cadmium	precip	0.018	99	0.016	100	0.011	99	0.039	99	0.048	100	0.010	100	0.005	100	0.010	100	0.006	100	0.017	100	0.016	100	0.018	100	0.015	100	100	
DE0009R	cadmium	precip	0.017	96	0.019	100	0.010	100	0.020	100	0.028	100	0.015	100	0.010	100	0.010	100	0.014	100	0.007	100	0.014	100	0.021	100	0.014	100	100	
DK0005R	cadmium	precip	0.033	100	0.023	100	0.032	100	0.096	100	0.077	100	0.014	100	0.014	8	0.018	100	0.023	100	0.009	100	0.010	100	0.010	100	0.026	98	98	
DK0008R	cadmium	precip	0.101	100	0.032	100	0.025	100	0.015	100	0.034	100	0.014	100	0.011	100	0.014	100	0.006	100	0.013	100	0.017	100	0.010	100	0.016	100	100	
DK0012R	cadmium	precip	0.033	100	0.030	100	0.020	100	0.022	100	0.096	100	0.077	100	0.018	100	0.038	100	0.013	100	0.028	100	0.021	100	0.016	100	0.032	100	100	
DK0022R	cadmium	precip	0.030	100	0.022	100	0.022	100	0.012	100	0.024	100	0.014	100	0.011	100	0.040	100	0.018	100	0.009	100	0.011	100	0.008	100	0.017	100	100	
EE0009R	cadmium	precip	0.050	100	0.030	100	0.050	100	0.060	100	0.041	100	0.040	100	0.021	100	0.040	100	0.030	100	0.020	100	0.020	100	0.030	100	0.032	100	100	
EE0011R	cadmium	precip	0.040	100	0.060	100	0.010	100	0.030	100	0.058	100	0.340	100	0.034	100	0.030	100	0.080	100										

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2017	
			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
FI0018R	cadmium	precip	0.049	100	0.031	100	0.547	100	0.020	100	0.029	100	0.014	100	0.011	100	0.018	100	0.014	100	0.030	100	0.032	100	0.015	100	0.028	100
FI0036R	cadmium	precip	0.008	100	0.004	100	0.015	100	0.006	100	0.007	100	0.007	100	0.004	100	0.005	100	0.009	100	0.006	100	0.004	100	0.005	100	0.006	100
FI0050R	cadmium	precip	0.033	100	0.030	100	0.038	100	0.011	100	0.014	100	0.009	100	0.005	100	0.008	100	0.006	100	0.012	100	0.018	100	0.006	100	0.011	100
FI0053R	cadmium	precip	0.064	100	0.012	100	0.025	100	0.011	100	0.012	100	0.017	100	0.007	100	0.006	100	0.009	100	0.008	100	0.012	100	0.007	100	0.010	100
FI0092R	cadmium	precip	0.020	100	0.008	100	0.029	100	0.011	100	0.016	100	0.011	100	0.006	100	0.010	100	0.017	100	0.012	100	0.011	100	0.012	100	0.012	100
FI0093R	cadmium	precip	0.019	100	0.008	100	0.029	100	0.011	100	0.015	100	0.011	100	0.006	100	0.011	100	0.017	100	0.012	100	0.011	100	-	-	0.012	100
FR0009R	cadmium	precip	0.017	100	0.021	100	0.064	100	0.083	100	0.044	100	0.045	100	0.037	100	0.026	100	0.017	100	0.023	100	0.036	100	0.004	100	0.028	100
FR0013R	cadmium	precip	0.001	100	0.002	100	0.055	100	0.043	100	0.054	100	0.030	100	0.027	100	0.021	100	0.023	100	0.014	100	0.026	100	0.003	100	0.024	100
FR0023R	cadmium	precip	0.066	100	0.056	100	0.078	100	0.172	100	0.025	100	0.087	100	0.053	100	0.078	100	0.248	100	0.126	100	0.047	100	0.002	100	0.063	100
FR0024R	cadmium	precip	0.001	95	0.072	1	0.079	100	0.109	100	0.020	100	0.033	100	0.027	100	0.025	100	0.023	100	0.011	100	0.001	34	0.001	96	0.023	81
FR0025R	cadmium	precip	0.007	100	0.020	100	0.096	100	0.525	100	0.027	100	0.087	100	0.040	100	0.032	100	0.011	100	0.011	76	0.061	95	0.008	100	0.058	98
FR0090R	cadmium	precip	0.055	100	0.034	100	0.037	100	0.033	100	0.015	100	0.067	100	0.012	100	0.021	100	0.036	100	0.028	100	0.030	100	0.021	100	0.031	100
GB0006R	cadmium	precip	-	-	0.003	100	0.002	100	0.004	100	0.009	100	0.009	100	0.005	100	0.003	100	0.003	100	0.004	100	0.004	13	-	-	0.004	89
GB0013R	cadmium	precip	0.007	12	0.012	100	0.008	100	0.010	100	0.009	100	0.004	80	0.005	87	0.007	100	0.009	100	0.005	99	0.008	99	0.005	100	0.007	91
GB0017R	cadmium	precip	0.022	100	0.031	100	0.033	100	0.016	5	0.018	91	0.018	11	0.013	96	0.012	100	0.008	100	0.008	9	0.012	95	0.007	100	0.016	84
GB0048R	cadmium	precip	0.004	100	0.007	100	0.007	100	0.007	84	0.006	93	0.004	100	0.006	100	0.002	100	0.00	100	0.005	100	0.004	100	0.040	98	0.007	99
GB1055R	cadmium	precip	0.015	100	0.010	61	0.009	100	0.011	63	0.014	60	0.014	98	0.007	97	0.015	100	0.014	100	0.014	80	0.024	100	0.009	100	0.013	92
HU0002R	cadmium	precip	0.124	100	0.042	100	0.009	100	0.158	100	0.022	100	0.009	100	0.013	100	0.009	100	0.014	100	0.025	100	0.022	100	0.011	100	0.036	100
IS0091R	cadmium	precip	0.012	100	0.012	100	0.009	100	0.013	100	0.026	100	0.027	100	0.049	100	0.028	100	0.009	100	0.012	100	0.011	100	0.009	100	0.016	100
LIV0010R	cadmium	precip	0.043	98	0.051	99	0.043	100	0.039	100	0.022	100	0.013	100	0.014	100	0.018	100	0.013	100	0.011	100	0.026	100	0.013	100	0.021	97
NL0010R	cadmium	precip	0.033	100	0.035	100	0.030	100	0.194	100	0.144	47	0.084	59	0.011	68	0.065	7	0.054	100	0.047	100	0.040	100	0.041	100	0.048	84
NL0091R	cadmium	precip	0.004	100	0.017	70	0.012	100	0.008	100	0.014	100	0.008	100	0.010	100	0.013	100	0.010	100	0.012	100	0.021	100	0.008	100	0.011	98
NO0001R	cadmium	precip	0.020	100	0.032	100	0.011	100	0.007	99	0.024	100	0.015	100	0.009	100	0.012	100	0.032	100	0.010	100	0.013	100	0.008	100	0.019	100
NO0039R	cadmium	precip	0.004	100	0.002	100	0.004	100	0.003	100	0.006	100	0.003	100	0.002	100	0.005	100	0.002	97	0.001	100	0.001	100	0.005	100	0.003	100
NO0056R	cadmium	precip	0.019	98	0.017	100	0.012	100	0.012	100	0.023	100	0.013	100	0.007	99	0.007	100	0.007	100	0.018	100	0.012	100	0.014	100	0.013	100
PL0004R	cadmium	precip	0.022	100	0.015	100	0.017	100	0.020	100	0.034	100	0.016	100	0.010	100	0.009	100	0.021	100	0.011	100	0.011	100	0.009	100	0.014	100
PL0005R	cadmium	precip	0.037	100	0.011	100	0.020	100	0.058	100	0.033	100	0.020	100	0.020	100	0.020	100	0.020	100	0.097	100	0.050	100	0.041	100	0.041	100
SE0005R	cadmium	precip	0.017	100	0.001	100	0.010	100	0.001	100	0.011	100	0.050	100	0.050	100	0.001	100	0.010	100	0.000	100	0.000	100	0.000	100	0.020	100
SE0012R	cadmium	precip	0.010	100	0.010	100	0.020	100	0.011	100	0.019	100	0.060	100	0.021	100	0.010	100	0.010	100	0.010	100	0.012	100	0.020	100	0.016	100
SE0014R	cadmium	precip	0.028	100	0.011	100	0.020	100	0.029	100	0.022	100	0.049	100	0.01	100	0.13	100	0.010	100	0.010	100	0.010	100	0.010	100	0.031	100
SE0020R	cadmium	precip	0.029	100	0.020	100	0.018	100	0.012	100	0.027	100	0.018	100	0.01	100	0.01	100	0.010	100	0.011	100	0.018	100	0.010	100	0.014	100
SI0008R	cadmium	precip	0.013	100	0.009	100	0.005	100	0.006	100	0.005	100	0.011	100	0.006	100	0.008	100	0.008	62	0.010	24	0.005	59	0.005	100	0.007	83
SK0002R	cadmium	precip	0.020	100	0.020	100	0.090	100	0.020	100	0.020	100	0.010	100	0.040	100	0.010	100	0.020	100	0.010	100	0.010	100	0.010	100	0.022	100
SK0004R	cadmium	precip	0.020	100	0.020	100	0.010	100	0.000	100	0.010	100	0.010	100	0.010	100	0.000	100	0.010	100	0.010	100	0.010	100	0.010	100	0.008	100
SK0006R	cadmium	precip	0.014	100	0.096	100	0.304	100	0.043	100	0.011	100	0.010	100	0.024	100	0.020	100	0.012	100	0.014	100	0.045	100	0.027	100	0.035	100
SK0007R	cadmium	precip	0.010	100	0.020	100	0.010	100	0.010	100	0.240	100	-	-	0.010	100	0.010	100	0.010	100	0.010	100	0.010	100	0.010	100	0.028	100
GB0048R	cesium	precip	0.001	100	0.002	100	0.001	100	0.002	84	0.002	93	0.001	100	0.002	100	0.001	100	0.001	100	0.002	100	0.002	100	0.001	100	0.001	99
GB1055R	cesium	precip	0.002	100	0.001	61	0.002	100	0.002	63	0.002	60	0.005	98	0.001	97	0.001	100	0.002	100	0.002	80	0.003	100	0.002	100	0.002	92
BE0014R	chromium	precip	0.07	100	0.11	100	0.12	98	0.20	96	0.12	98	0.30	93	0.11	100	0.12	100	0.06	100	0.13	98	0.07	100	0.06	100	0.09	100
CZ0003R	chromium	precip	0.08	95	0.13	97	0.05	98	0.07	98	0.14	98	0.07	99	0.04	100	0.10	99	0.07	97	0.08	98	0.09	96	0.08	92	0.07	98
CZ0005R	chromium	precip	0.05	99	0.10	100	0.05	94	0.03	54	0.07	100	0.06	100	0.03	100	0.08	100	0.06	100	0.02	78	0.04	100	0.04	100	0.05	92
DE0001R	chromium	precip	0.07	91	0.06	100	0.04	100	0.05	100	0.07	99	0.08	100	0.04	100	0.03	100	0.03	100	0.05	100	0.03	100	0.03	100	0.04	100
DE0002R	chromium	precip	0.03	98	0.03	100	0.04	100	0.12	99	0.07	100	0.08	100	0.04	100	0.05	100	0.07	100	0.06	100	0.04	100	0.05	100	0.06	100
DE0003R	chromium	precip	0.03	99	0.04	100	0.03	100	0.08	100	0.07	100	0.04	100	0.04	100	0.06	100	0.04	100	0.03	100	0.02	100	0.03	100	0.04	100

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2017	
			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
DE0007R	chromium	precip	0.07	98	0.02	96	0.05	100	0.09	99	0.09	100	0.04	100	0.04	100	0.05	100	0.08	100	0.04	100	0.04	100	0.04	99	0.05	100
DE0008R	chromium	precip	0.05	99	0.06	100	0.04	99	0.11	99	0.12	100	0.08	100	0.05	100	0.06	100	0.08	100	0.06	100	0.05	100	0.07	100	0.06	100
DE0009R	chromium	precip	0.05	96	0.06	100	0.14	100	0.24	100	0.09	100	0.09	100	0.05	100	0.10	100	0.07	100	0.04	100	0.06	100	0.08	100	0.08	100
DK0005R	chromium	precip	1.57	100	0.73	100	0.37	100	0.20	100	0.55	100	0.12	100	0.12	8	0.19	100	0.24	100	0.26	100	0.12	100	0.12	100	0.32	98
DK0008R	chromium	precip	0.84	100	1.08	100	0.47	100	0.45	100	0.35	100	0.23	100	0.09	100	0.19	100	0.11	100	0.12	100	0.17	100	0.22	100	0.24	100
DK0012R	chromium	precip	0.22	100	0.14	100	0.22	100	0.11	100	0.80	100	0.17	100	0.12	100	0.19	100	0.10	100	0.10	100	0.08	100	0.07	100	0.15	100
DK0022R	chromium	precip	0.11	100	0.06	100	0.10	100	0.11	100	0.27	100	0.12	100	0.06	100	0.09	100	0.07	100	0.05	100	0.07	100	0.05	100	0.08	100
EE0009R	chromium	precip	0.25	100	0.25	100	0.25	100	0.25	100	0.25	100	0.25	100	0.25	100	0.25	100	0.25	100	0.25	100	0.25	100	0.25	100	0.25	100
ES0008R	chromium	precip	1.44	100	0.73	100	1.97	100	0.71	100	0.59	100	0.49	100	0.52	100	0.57	100	0.77	100	0.72	100	0.67	100	1.62	100	0.97	100
ES0009R	chromium	precip	1.61	99	3.52	100	2.83	100	2.01	100	0.49	100	0.57	100	1.58	100	1.58	100	1.27	100	0.13	100	0.61	100	0.76	100	1.48	100
FI0018R	chromium	precip	0.16	100	0.09	100	0.26	100	0.12	100	0.40	100	0.06	100	0.04	100	0.05	100	0.03	100	0.04	100	0.04	100	0.03	100	0.05	100
FI0036R	chromium	precip	0.06	100	0.05	100	0.07	100	0.08	100	0.09	100	0.05	100	0.02	100	0.02	100	0.03	100	0.01	100	0.01	100	0.01	100	0.03	100
FI0050R	chromium	precip	0.12	100	0.14	100	0.18	100	0.18	100	0.16	100	0.05	100	0.05	100	0.04	100	0.03	100	0.04	100	0.02	100	0.03	100	0.06	100
FI0053R	chromium	precip	0.35	100	0.14	100	0.24	100	0.12	100	0.11	100	0.27	100	0.10	100	0.05	100	0.09	100	0.02	100	0.05	100	0.04	100	0.09	100
FI0092R	chromium	precip	0.07	100	0.05	100	0.09	100	0.08	100	0.15	100	0.05	100	0.04	100	0.02	100	0.04	100	0.03	100	0.02	100	0.01	100	0.04	100
FI0093R	chromium	precip	0.07	100	0.05	100	0.09	100	0.08	100	0.15	100	0.05	100	0.04	100	0.02	100	0.04	100	0.03	100	0.02	100	-	-	0.05	100
FR0090R	chromium	precip	0.05	100	0.05	100	0.04	100	0.06	100	0.05	100	0.09	100	0.03	100	0.08	100	0.05	100	0.06	100	0.03	100	0.03	100	0.05	100
GB0006R	chromium	precip	-	-	0.02	100	0.04	100	0.03	100	0.02	100	0.08	100	0.04	100	0.04	100	0.12	100	0.09	100	0.08	13	-	-	0.06	89
GB0013R	chromium	precip	0.02	22	0.03	100	0.04	100	0.04	100	0.03	100	0.02	80	0.03	87	0.07	100	0.09	100	0.13	99	0.10	99	0.28	100	0.09	92
GB0017R	chromium	precip	0.08	100	0.02	100	0.04	100	0.06	5	0.02	91	0.02	11	0.11	96	0.13	100	0.18	100	0.18	9	0.44	95	0.19	100	0.14	84
GB0048R	chromium	precip	0.11	100	0.02	100	0.06	100	0.08	84	0.02	93	0.03	100	0.04	100	0.12	100	0.14	100	0.09	100	0.04	100	0.45	98	0.09	99
GB1055R	chromium	precip	0.07	100	0.02	100	0.05	100	0.08	63	0.03	60	0.06	98	0.04	97	0.13	100	0.13	100	0.12	80	0.04	100	0.38	100	0.11	95
IS0091R	chromium	precip	0.11	100	0.26	100	0.56	100	0.39	100	0.28	100	0.47	100	0.60	100	0.21	100	0.13	100	0.46	100	0.33	100	0.10	100	0.30	100
NL0010R	chromium	precip	0.16	100	0.15	100	0.22	100	0.86	100	0.36	47	0.45	59	0.01	68	0.86	6.76	0.11	96	0.16	100	0.11	100	0.12	100	0.17	84
NL0091R	chromium	precip	0.11	87	0.15	98	0.12	100	0.09	100	0.11	100	0.14	100	0.06	100	0.11	100	0.01	100	0.04	100	0.10	100	0.00	100	0.06	99
NO0001R	chromium	precip	0.33	100	0.13	100	0.07	100	0.08	99	0.14	100	0.08	100	0.06	100	0.05	100	0.14	100	0.08	100	0.05	100	0.06	100	0.10	100
PL0004R	chromium	precip	0.09	100	0.04	100	0.05	100	0.08	100	0.11	100	0.03	100	0.03	100	0.03	100	0.03	100	0.02	100	0.01	100	0.02	100	0.03	100
PL0005R	chromium	precip	0.07	100	0.02	100	0.01	100	0.05	100	0.02	100	0.01	100	0.10	100	0.24	100	0.24	9	0.04	97	0.02	100	0.03	100	0.06	89
SE0005R	chromium	precip	0.11	100	0.12	100	0.06	100	0.09	100	0.03	100	0.03	100	0.03	100	0.03	100	0.03	100	0.03	100	0.03	100	0.07	100	0.04	100
SE0012R	chromium	precip	0.27	100	0.14	100	0.18	100	0.20	100	0.22	100	0.67	100	0.29	100	0.05	100	0.03	100	0.03	100	0.07	100	0.04	100	0.13	100
SE0014R	chromium	precip	0.25	100	0.03	100	0.08	100	0.08	100	0.05	100	0.13	100	0.12	100	0.06	100	0.05	100	0.03	100	0.04	100	0.03	100	0.07	100
SE0020R	chromium	precip	0.18	100	0.04	100	0.04	100	0.10	100	0.11	100	0.03	100	0.03	100	0.03	100	0.03	100	0.03	100	0.03	100	0.03	100	0.04	100
SI0008R	chromium	precip	0.08	100	0.08	100	0.08	100	0.08	100	0.08	100	0.08	100	0.08	100	0.11	100	0.08	62	0.08	24	0.08	59	0.08	100	0.08	83
SK0002R	chromium	precip	0.40	100	1.16	100	0.08	100	-	-	0.13	100	0.28	100	1.27	100	0.04	100	0.16	100	0.05	100	0.07	100	0.20	100	0.35	81
SK0004R	chromium	precip	0.24	100	0.33	100	0.17	100	0.29	100	0.09	100	0.01	100	0.04	100	0.17	100	0.02	100	0.02	100	0.02	100	0.02	100	0.10	100
SK0006R	chromium	precip	0.17	100	1.09	100	0.98	100	2.43	100	0.11	100	0.25	100	1.13	100	0.04	100	0.03	100	0.02	100	0.02	100	0.02	100	0.39	100
SK0007R	chromium	precip	0.54	100	2.42	100	0.01	100	0.41	100	0.99	100	-	-	0.02	100	0.10	100	0.02	100	0.02	100	0.02	100	0.02	100	0.24	100
CZ0003R	cobalt	precip	0.07	95	0.06	97	0.05	98	0.06	98	0.07	98	0.06	99	0.05	100	0.11	99	0.02	97	0.01	99	0.04	96	0.02	92	0.05	98
CZ0005R	cobalt	precip	0.02	99	0.03	100	0.01	94	0.01	54	0.03	100	0.03	100	0.02	100	0.05	100	0.03	100	0.04	78	0.02	100	0.01	100	0.02	92
DE0001R	cobalt	precip	0.01	91	0.01	100	0.01	100	0.01	100	0.02	99	0.04	100	0.01	100	0.01	100	0.01	100	0.03	100	0.02	100	0.01	100	0.02	100
DE0002R	cobalt	precip	0.01	98	0.01	100	0.01	100	0.03	99	0.02	100	0.02	100	0.01	100	0.02	100	0.02	100	0.02	100	0.01	100	0.02	100	0.02	100
DE0003R	cobalt	precip	0.00	99	0.00	100	0.00	100	0.02	100	0.01	100	0.01	100	0.02	100	0.04	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100
DE0007R	cobalt	precip	0.01	98	0.01	96	0.01	100	0.02	99	0.04	100	0.02	100	0.02	100	0.02	100	0.03	100	0.01	100	0.02	100	0.01	99	0.02	100
DE0008R	cobalt	precip	0.01	99	0.01	100	0.01	99	0.03	99	0.02	100	0.02	100	0.02	100	0.02	100	0.02	100	0.01	100	0.01	100	0.01	100	0.02	100
DE0009R	cobalt	precip	0.01	96	0.01	100	0.01	100	0.02	100	0.04	100	0.04	100	0.01	100	0.02	100	0.02	100	0.01	100	0.01	100	0.01	100	0.02	100

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2017					
			avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt		
FI0018R	cobalt	precip	0.05	100	0.02	100	0.14	100	0.03	100	0.16	100	0.02	100	0.02	100	0.03	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100	0.02	100		
FI0036R	cobalt	precip	0.00	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100	0.00	100	0.00	100	0.00	100	0.01	100		
FI0050R	cobalt	precip	0.03	100	0.02	100	0.06	100	0.03	100	0.05	100	0.01	100	0.01	100	0.01	100	0.00	100	0.00	100	0.01	100	0.01	100	0.00	100	0.01	100		
FI0053R	cobalt	precip	0.23	100	0.02	100	0.06	100	0.05	100	0.02	100	0.06	100	0.02	100	0.04	100	0.02	100	0.01	100	0.05	100	0.02	100	0.03	100	0.03	100		
FI0092R	cobalt	precip	0.01	100	0.00	100	0.01	100	0.01	100	0.03	100	0.02	100	0.01	100	0.01	100	0.01	100	0.01	100	0.00	100	0.00	100	0.01	100	0.01	100		
FI0093R	cobalt	precip	0.01	100	0.00	100	0.01	100	0.01	100	0.03	100	0.02	100	0.01	100	0.01	100	0.01	100	0.01	100	0.00	100	-	-	-	-	0.01	100		
FR0090R	cobalt	precip	0.05	100	0.06	100	0.06	100	0.07	100	0.08	100	0.15	100	0.04	100	0.07	100	0.03	100	0.04	100	0.03	100	0.04	100	0.03	100	0.02	100	0.06	100
GB0048R	cobalt	precip	0.00	100	0.01	100	0.00	100	0.02	84	0.02	93	0.01	100	0.01	100	0.00	100	0.00	100	0.01	100	0.00	100	0.01	98	0.01	99	0.01	99		
GB1055R	cobalt	precip	0.01	100	0.01	61	0.01	100	0.02	63	0.02	60	0.03	98	0.00	97	0.01	100	0.01	100	0.01	80	0.01	100	0.01	100	0.01	100	0.01	92		
IS0091R	cobalt	precip	0.03	100	0.13	100	0.17	100	0.11	100	0.05	100	0.46	100	0.43	100	0.14	100	0.07	100	0.06	100	0.15	100	0.06	100	0.15	100	0.06	100	0.13	100
NO0001R	cobalt	precip	0.07	100	0.03	100	0.02	100	0.02	99	0.02	100	0.04	100	0.02	100	0.01	100	0.02	100	0.01	100	0.01	100	0.01	100	0.01	100	0.02	100		
SE0005R	cobalt	precip	0.03	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100		
SE0012R	cobalt	precip	0.01	100	0.01	100	0.02	100	0.04	100	0.03	100	0.12	100	0.05	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100	0.02	100		
SE0014R	cobalt	precip	0.03	100	0.03	100	0.02	100	0.03	100	0.02	100	0.04	100	0.03	100	0.02	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100	0.02	100		
SE0020R	cobalt	precip	0.02	100	0.01	100	0.02	100	0.02	100	0.03	100	0.02	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100		
SI0008R	cobalt	precip	0.01	100	0.03	100	0.03	100	0.03	100	0.01	100	0.07	100	0.05	100	0.06	100	0.01	62	0.01	24	0.01	59	0.01	100	0.01	100	0.02	83		
BE0014R	copper	precip	1.90	100	5.98	92	6.05	98	4.13	96	6.67	98	4.12	93	1.80	100	1.30	100	4.72	100	2.04	98	1.70	100	1.27	100	2.91	99	2.91	99		
CZ0003R	copper	precip	2.66	95	2.08	97	1.85	98	2.40	98	3.47	98	2.23	99	1.72	100	1.74	99	0.81	97	0.78	99	1.84	96	0.79	92	1.81	98	1.81	98		
CZ0005R	copper	precip	1.37	99	1.92	100	0.51	94	0.44	54	1.06	100	1.00	100	0.61	100	0.80	100	1.01	100	2.84	78	1.23	100	0.73	100	1.05	92	1.05	92		
DE0001R	copper	precip	0.33	91	0.45	100	0.42	100	0.38	100	0.58	99	0.75	100	0.42	100	0.40	100	0.27	100	0.48	100	0.28	100	0.37	100	0.41	100	0.41	100		
DE0002R	copper	precip	0.57	98	0.51	100	0.58	100	1.62	99	1.38	100	1.02	100	0.58	100	0.70	100	1.01	100	0.72	100	0.69	100	0.76	100	0.84	100	0.84	100		
DE0003R	copper	precip	0.20	99	0.13	100	0.24	100	1.10	100	0.55	100	0.67	100	0.53	100	0.67	100	0.44	100	0.58	100	0.65	100	0.28	100	0.49	100	0.49	100		
DE0007R	copper	precip	0.75	98	0.39	96	0.85	100	1.24	99	1.37	100	0.82	100	0.73	100	0.89	100	1.43	100	0.74	100	0.65	100	0.54	99	0.83	100	0.83	100		
DE0008R	copper	precip	0.50	99	0.46	100	0.31	99	0.99	99	1.92	100	0.80	100	0.57	100	0.63	100	0.57	100	1.11	100	0.61	100	0.62	100	0.73	100	0.73	100		
DE0009R	copper	precip	2.99	96	0.44	100	0.36	100	0.79	100	1.19	100	0.86	100	0.61	100	0.76	100	0.76	100	0.38	100	1.85	100	1.32	100	0.93	100	0.93	100		
DK0005R	copper	precip	2.40	100	0.76	100	1.26	100	2.41	100	2.46	100	0.77	100	0.76	8	1.08	100	0.94	100	0.94	1	2.12	98	2.12	100	1.39	83	1.39	83		
DK0008R	copper	precip	1.52	100	0.96	100	0.77	100	0.92	100	2.01	100	0.90	100	0.53	100	0.68	100	0.32	100	0.46	100	0.58	100	0.36	100	0.66	100	0.66	100		
DK0012R	copper	precip	1.39	100	1.18	100	1.12	100	0.85	100	3.50	100	1.29	100	3.18	100	1.72	100	0.62	100	0.93	100	0.52	100	0.81	100	1.34	100	1.34	100		
DK0022R	copper	precip	0.61	100	0.38	100	0.47	100	0.66	100	1.49	100	0.66	100	0.35	100	2.53	100	0.73	100	0.36	100	0.48	100	0.35	100	0.72	100	0.72	100		
EE0009R	copper	precip	4.66	100	1.70	100	6.28	100	2.92	100	2.42	100	1.90	100	0.88	100	1.52	100	1.28	100	0.51	100	3.05	100	3.82	100	1.90	100	1.90	100		
EE0011R	copper	precip	1.10	100	1.99	100	0.51	100	1.59	100	6.91	100	3.21	100	0.76	100	1.50	100	2.00	100	3.89	100	0.50	100	0.50	100	1.80	100	1.80	100		
ES0008R	copper	precip	4.79	100	3.48	100	3.57	100	3.26	100	5.14	100	3.32	100	3.54	100	24.05	100	26.39	100	7.75	100	6.43	100	13.95	100	10.87	100	10.87	100		
ES0009R	copper	precip	1.82	99	2.49	100	4.43	100	4.88	100	3.92	100	3.56	100	26.45	100	19.80	100	16.70	100	0.53	100	2.24	100	5.69	100	8.83	100	8.83	100		
FI0018R	copper	precip	1.48	100	0.84	100	2.81	100	0.64	100	1.74	100	0.87	100	0.63	100	0.49	100	0.41	100	0.42	100	0.45	100	0.45	100	0.58	100	0.58	100		
FI0036R	copper	precip	0.43	100	0.40	100	1.62	100	0.95	100	0.33	100	0.31	100	0.22	100	0.26	100	0.31	100	0.50	100	0.24	100	0.82	100	0.43	100	0.43	100		
FI0050R	copper	precip	2.31	100	0.79	100	1.52	100	0.53	100	0.74	100	0.92	100	0.31	100	0.30	100	0.25	100	0.27	100	0.76	100	0.48	100	0.57	100	0.57	100		
FI0053R	copper	precip	4.63	100	0.75	100	2.50	100	0.56	100	0.39	100	0.98	100	0.45	100	0.34	100	0.82	100	0.18	100	0.53	100	0.44	100	0.58	100	0.58	100		
FI0092R	copper	precip	0.66	100	0.27	100	0.68	100	0.35	100	0.62	100	0.41	100	0.49	100	0.23	100	0.37	100	0.29	100	0.42	100	0.35	100	0.39	100	0.39	100		
FI0093R	copper	precip	0.64	100	0.28	100	0.68	100	0.34	100	0.63	100	0.41	100	0.49	100	0.23	100	0.37	100	0.29	100	0.43	100	-	-	0.40	100	0.40	100		
FR0090R	copper	precip	0.32	100	0.78	100	0.28	100	0.74	100	0.89	100	0.99	100	0.17	100	0.19	100	0.59	100	1.27	100	0.38	100	0.33	100	0.55	100	0.55	100		
GB0006R	copper	precip	-	0	0.08	100	0.11	100	0.19	100	0.33	100	0.28	100	0.17	100	0.12	100	0.25	100	0.08	100	0.07	13	-	-	0.16	89	0.16	89		
GB0013R	copper	precip	0.50	100	0.58	100	0.35	100	0.38	100	0.46	100	0.24	80	0.58	87	0.35	100	0.43	100	0.32	99	0.97	99	0.40	100	0.45	91	0.45	91		
GB0017R	copper	precip	1.11	100	0.88	100	0.95	100	0.98	5	0.92	91	0.92	11	0.97	96	0.86	100	0.62	100	0.61	9	1.59	95	0.52	100	0.89	84	0.89	84		
GB0048R	copper	precip	0.23	100	0.33	100	0.21	100	0.48	84	0.40	93	0.17	100	0.32	100	0.67	100	0.25	100	0.18	100	1.38	100	4.65	98	0.72	99	0.72	99		
GB1055R	copper	precip	0.42	100	0.40	61	0.38	100	0.62	63	0.88	60	0.48	98	0.28	97	3.82	100	0.54	100	0.36	80	2.00	100	0.15	100	0.91	92	0.91			

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2017			
			avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
NL0010R	copper	precip	2.17	100	3.93	22	4.01	55	8.31	100	4.93	47	4.21	59	1.06	68	12.42	7	1.92	96	2.76	100	1.90	100	0.80	100	2.48	73		
NL0091R	copper	precip	1.88	99	1.07	90	2.28	100	1.38	100	2.04	90	1.00	100	1.14	100	1.31	100	0.40	100	1.02	100	1.66	74	0.47	100	1.02	97		
NO0001R	copper	precip	7.56	100	5.62	100	4.15	100	0.58	99	1.94	100	0.94	100	0.67	100	3.11	100	2.97	100	0.31	100	2.18	100	0.76	100	2.37	100		
PL0004R	copper	precip	3.43	100	0.43	100	0.73	100	0.55	100	1.57	100	0.80	100	0.36	100	0.52	100	0.54	100	0.44	100	0.25	100	0.30	100	0.57	100		
PL0005R	copper	precip	2.40	100	1.56	100	1.10	100	1.38	100	1.13	100	1.00	100	1.27	100	1.20	100	0.28	100	0.40	100	0.80	100	0.75	100	0.93	100		
SE0005R	copper	precip	1.50	100	0.39	100	0.38	100	0.50	100	0.29	100	0.17	100	1.26	100	0.08	100	0.13	100	0.10	100	0.11	100	0.07	100	0.36	100		
SE0012R	copper	precip	0.63	100	0.76	100	0.77	100	0.60	100	1.49	100	6.24	100	1.79	100	0.28	100	0.19	100	0.13	100	0.23	100	0.23	100	0.81	100		
SE0014R	copper	precip	0.91	100	0.67	100	0.52	100	0.36	100	0.74	100	1.98	100	0.39	100	1.78	100	0.24	100	0.13	100	0.33	100	0.22	100	0.67	100		
SE0020R	copper	precip	1.10	100	0.55	100	0.89	100	0.53	100	0.80	100	0.46	100	0.33	100	0.35	100	0.39	100	0.33	100	0.58	100	0.31	100	0.47	100		
SI0008R	copper	precip	0.90	100	0.25	100	0.30	100	0.85	100	1.00	100	0.97	100	0.71	100	0.67	100	0.75	62	0.62	24	0.20	33	0.14	86	0.57	77		
SK0002R	copper	precip	1.99	100	2.50	100	2.73	100	2.37	100	2.61	100	3.09	100	5.51	100	2.51	100	0.94	100	1.30	100	1.17	100	3.80	100	2.73	100		
SK0004R	copper	precip	0.70	100	3.79	100	3.09	100	0.96	100	2.19	100	1.34	100	1.22	100	1.48	100	1.35	100	1.68	100	1.28	100	0.56	100	1.51	100		
SK0006R	copper	precip	1.22	100	4.69	100	8.26	100	4.77	100	3.29	100	1.66	100	3.99	100	2.05	100	2.24	100	1.25	100	1.89	100	0.66	100	2.51	100		
SK0007R	copper	precip	0.90	100	2.07	100	1.18	100	1.80	100	4.60	100	-	-	1.96	100	3.03	100	0.20	100	0.77	100	0.61	100	0.50	100	1.37	100		
BE0014R	iron	precip	8.3	100	11.7	100	11.2	98	30.8	96	16.2	98	36.8	93	14.2	100	23.9	100	8.3	100	21.1	98	8.1	100	5.93	100	13.2	100		
CZ0005R	iron	precip	38.9	99	40.0	100	11.9	94	7.4	54	15.6	100	20.2	100	13.2	100	36.9	100	18.2	100	16.2	78	16.5	100	10.58	100	19.5	92		
DE0001R	iron	precip	7.2	91	7.9	100	9.2	100	14.2	100	16.5	99	29.1	100	8.6	100	7.7	100	5.7	100	17.1	100	7.3	100	5.51	100	10.9	100		
DE0002R	iron	precip	5.7	98	6.1	100	10.5	100	40.5	99	25.6	100	24.1	100	9.5	100	16.5	100	18.5	100	13.5	100	8.8	100	11.29	100	15.7	100		
DE0003R	iron	precip	4.0	99	2.6	100	4.5	100	26.1	100	5.8	100	8.6	100	10.2	100	19.3	100	11.4	100	6.0	100	3.5	100	4.01	100	7.8	100		
DE0007R	iron	precip	12.7	98	3.9	96	12.2	100	23.3	99	34.5	100	15.5	100	11.4	100	14.4	100	20.0	100	9.7	100	11.1	100	8.24	99	14.1	100		
DE0008R	iron	precip	9.4	99	9.1	100	6.7	99	29.0	99	30.8	100	21.3	100	13.8	100	15.1	100	9.7	100	11.1	100	7.1	100	10.18	100	13.0	100		
DE0009R	iron	precip	8.2	96	5.8	100	7.0	100	16.2	100	27.1	100	27.1	100	9.1	100	9.3	100	15.5	100	7.1	100	8.2	100	7.88	100	12.9	100		
FI0018R	iron	precip	146.1	100	22.5	100	132.9	100	68.3	100	488.2	100	50.6	100	44.4	100	48.4	100	7.5	100	8.4	100	10.2	100	9.21	100	33.0	100		
FI0036R	iron	precip	4.9	100	4.0	100	10.7	100	5.5	100	6.2	100	7.2	100	4.8	100	1.8	100	2.1	100	1.0	100	0.7	100	1.16	100	3.4	100		
FI0050R	iron	precip	28.0	100	23.3	100	71.2	100	38.5	100	57.7	100	11.2	100	11.5	100	6.7	100	2.5	100	3.3	100	4.7	100	3.74	100	12.5	100		
FI0053R	iron	precip	44.4	100	9.5	100	28.7	100	9.7	100	30.9	100	92.0	100	16.8	100	8.4	100	4.7	100	3.3	100	7.2	100	3.85	100	13.6	100		
FI0092R	iron	precip	7.1	100	6.1	100	15.0	100	8.8	100	45.0	100	16.0	100	5.7	100	4.5	100	5.7	100	3.5	100	2.1	100	2.07	100	7.5	100		
FI0093R	iron	precip	7.0	100	6.3	100	15.0	100	8.7	100	45.7	100	16.0	100	5.6	100	4.5	100	5.7	100	3.5	100	2.1	100	-	-	8.5	100		
GB0048R	iron	precip	6.0	100	2.4	100	5.4	100	24.9	84	18.2	93	6.3	100	5.3	100	7.0	100	6.7	100	5.2	100	6.3	100	17.37	98	7.4	99		
GB1055R	iron	precip	4.0	100	1.6	100	10.0	100	13.8	63	11.8	60	4.5	98	4.2	97	8.0	100	7.8	100	7.3	80	8.1	100	10.62	100	7.2	95		
IS0091R	iron	precip	69.8	100	271.2	100	343.9	100	234.5	100	83.0	100	0	100	609.4	100	219.0	100	112.2	100	69.6	100	253.6	100	89.50	100	230.7	100		
NL0010R	iron	precip	30.8	100	33.4	100	47.2	100	249.0	100	83.8	30	332.3	2	21.5	68	467.6	7	44.9	96	69.8	100	23.3	100	12.29	100	44.3	78		
NL0091R	iron	precip	7.4	100	8.6	100	11.0	100	16.0	100	21.5	100	49.5	100	20.9	100	11.8	100	4.4	100	11.3	100	6.4	100	7.45	100	12.2	100		
BE0014R	lead	precip	0.35	100	1.54	100	0.94	98	0.97	96	0.69	98	1.15	93	0.40	100	0.76	100	0.72	100	0.67	98	0.74	100	0.28	100	0.67	100		
CZ0003R	lead	precip	0.54	95	1.23	97	0.82	98	0.76	98	1.43	98	0.67	99	0.48	100	1.11	99	0.47	97	0.60	99	1.06	96	0.69	92	0.74	98		
CZ0005R	lead	precip	0.62	99	0.69	100	0.23	94	0.36	54	0.48	100	0.24	100	0.23	100	0.41	100	0.31	100	0.94	78	0.52	100	0.21	100	0.41	92		
DE0001R	lead	precip	0.28	91	0.36	100	0.30	100	0.19	100	0.25	99	0.49	100	0.18	100	0.28	100	0.25	100	0.38	100	0.28	100	0.22	100	0.29	100		
DE0002R	lead	precip	0.29	98	0.20	100	0.30	100	0.79	99	0.73	100	0.53	100	0.30	100	0.29	100	0.63	100	0.46	100	0.61	100	0.61	100	0.48	100		
DE0003R	lead	precip	0.25	99	0.10	100	0.18	100	0.79	100	0.24	100	0.19	100	0.22	100	0.42	100	0.19	100	0.27	100	0.35	100	0.17	100	0.27	100		
DE0007R	lead	precip	0.65	98	0.24	96	0.54	100	0.80	99	0.80	100	0.39	100	0.33	100	0.40	100	0.58	100	0.37	100	0.36	100	0.37	99	0.44	100		
DE0008R	lead	precip	0.73	99	0.50	100	0.21	99	0.87	99	0.52	100	0.42	100	0.18	100	0.31	100	0.25	100	0.52	100	0.58	100	0.49	100	0.43	100		
DE0009R	lead	precip	0.44	96	0.39	100	0.21	100	0.45	100	0.77	100	0.50	100	0.58	100	0.26	100	0.38	100	0.18	100	0.50	100	0.65	100	0.44	100		
DK0005R	lead	precip	5.13	100	3.25	100	1.50	100	0.44	100	1.75	100	0.40	100	0.39	8	0.62	100	0.65	100	0.98	100	0.48	100	0.48	100	1.12	98		

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2017	
			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
DK0008R	lead	precip	0.65	100	0.57	100	0.66	100	0.53	100	1.07	100	0.45	100	0.26	100	0.38	100	0.18	100	0.38	100	0.34	100	0.21	100	0.38	100
DK0012R	lead	precip	0.90	100	0.85	100	0.51	100	0.30	100	1.61	100	0.51	100	0.22	100	0.59	100	0.27	100	0.36	100	0.26	100	0.33	100	0.44	100
DK0022R	lead	precip	0.37	100	0.40	100	0.41	100	0.20	100	0.62	100	0.44	100	0.20	100	0.29	100	0.33	100	0.65	100	1.92	100	1.54	100	0.66	100
EE0009R	lead	precip	0.62	100	0.61	100	0.69	100	1.11	100	0.42	100	0.25	100	0.23	100	0.44	100	0.33	100	0.46	100	0.93	100	0.55	100	0.49	100
EE0011R	lead	precip	0.36	100	0.18	100	0.05	100	0.15	100	0.94	100	1.90	100	0.37	100	0.80	100	1.20	100	0.90	100	0.18	100	0.24	100	0.61	100
ES0008R	lead	precip	0.39	100	0.48	100	0.53	100	0.54	100	0.58	100	0.99	100	0.41	100	0.78	100	1.07	100	1.00	100	2.91	100	4.38	100	1.75	100
ES0009R	lead	precip	0.59	99	0.66	100	0.89	100	1.62	100	0.67	100	1.00	100	2.46	100	1.06	100	1.03	100	0.18	100	0.32	100	0.87	100	1.04	100
FI0018R	lead	precip	1.75	100	0.84	100	2.41	100	0.46	100	1.22	100	0.30	100	0.33	100	0.34	100	0.34	100	0.70	100	0.89	100	0.47	100	0.56	100
FI0036R	lead	precip	0.39	100	0.14	100	0.50	100	0.14	100	0.12	100	0.09	100	0.08	100	0.17	100	0.15	100	0.13	100	0.13	100	0.16	100	0.16	100
FI0050R	lead	precip	0.82	100	0.88	100	1.34	100	0.24	100	0.20	100	0.16	100	0.09	100	0.23	100	0.13	100	0.22	100	0.43	100	0.21	100	0.28	100
FI0053R	lead	precip	2.07	100	0.37	100	1.00	100	0.23	100	0.13	100	0.32	100	0.12	100	0.14	100	0.15	100	0.11	100	0.37	100	0.27	100	0.24	100
FI0092R	lead	precip	0.69	100	0.19	100	0.50	100	0.21	100	0.35	100	0.17	100	0.14	100	0.20	100	0.42	100	0.26	100	0.29	100	0.31	100	0.27	100
FI0093R	lead	precip	0.68	100	0.19	100	0.50	100	0.21	100	0.35	100	0.17	100	0.14	100	0.20	100	0.42	100	0.25	100	0.29	100	-	-	0.27	100
FR0009R	lead	precip	0.90	100	0.92	100	0.63	100	2.78	100	1.19	100	0.94	100	0.72	100	0.43	100	0.35	100	0.60	100	0.78	100	0.42	100	0.69	100
FR0013R	lead	precip	0.42	100	0.24	100	0.49	100	0.76	100	0.76	100	0.84	100	0.89	100	0.94	100	0.41	100	0.60	100	0.44	100	0.23	100	0.54	100
FR0023R	lead	precip	1.67	100	0.57	100	1.22	100	8.82	100	0.91	100	2.89	100	1.56	100	2.00	100	1.71	100	1.84	100	0.88	100	0.20	100	1.54	100
FR0024R	lead	precip	0.69	95	1.52	1	1.85	100	4.76	100	0.86	100	1.84	100	0.85	100	0.79	100	0.82	100	0.72	100	0.71	34	0.14	96	0.93	81
FR0025R	lead	precip	0.67	100	0.61	100	0.78	100	2.36	100	0.84	100	0.96	100	1.04	100	1.18	100	0.51	100	0.41	76	0.83	95	0.22	100	0.77	98
GB0006R	lead	precip	-	-	0.09	100	0.04	100	0.07	100	0.36	100	0.17	100	0.09	100	0.03	100	0.06	100	0.03	100	0.03	100	0.03	100	0.08	100
GB0013R	lead	precip	0.10	12	0.27	100	0.18	100	0.25	100	0.29	100	0.04	80	0.19	87	0.09	100	0.13	100	0.18	99	0.17	99	0.09	100	0.17	91
GB0017R	lead	precip	0.25	100	0.87	100	0.94	100	0.56	5	0.61	91	0.61	11	0.56	96	0.47	100	0.26	100	0.25	9	0.48	95	0.20	100	0.49	84
GB0048R	lead	precip	0.07	100	0.15	100	0.11	100	0.13	84	0.19	93	0.08	100	0.14	100	0.05	100	0.09	100	0.11	100	0.03	100	0.22	98	0.11	99
GB1055R	lead	precip	0.26	100	0.15	61	0.18	100	0.29	63	0.55	60	0.28	98	0.14	97	0.32	100	0.40	100	0.22	80	0.41	100	0.12	100	0.26	92
HU0002R	lead	precip	1.21	100	1.81	100	1.15	100	1.74	100	1.09	100	0.96	100	1.91	100	1.06	100	0.28	100	1.01	100	1.41	100	0.64	100	1.09	100
IS0091R	lead	precip	0.12	100	0.25	100	0.83	100	0.43	100	0.55	100	0.73	100	1.64	100	0.23	100	0.15	100	0.26	100	0.31	100	0.30	100	0.42	100
LV0010R	lead	precip	1.42	98	0.37	99	0.58	100	0.20	100	0.36	100	0.53	100	0.26	100	0.37	100	0.64	100	0.27	100	0.87	100	0.36	100	0.51	100
NL0010R	lead	precip	0.78	100	0.91	100	1.15	100	5.13	100	2.18	47	2.59	59	0.32	68	1.45	7	0.76	96	1.16	100	0.88	100	0.50	100	1.07	84
NL0091R	lead	precip	0.40	99	0.48	100	0.32	100	0.44	100	0.80	100	0.55	100	0.37	100	0.40	100	0.20	100	0.41	100	1.34	100	0.37	100	0.45	100
NO0001R	lead	precip	1.31	100	1.27	100	0.33	100	0.19	99	0.84	100	0.64	100	0.23	100	0.41	100	0.94	100	0.45	100	0.53	100	0.54	100	0.67	100
NO0039R	lead	precip	0.35	100	0.06	100	0.08	100	0.11	100	0.17	100	0.08	100	0.06	100	0.08	100	0.04	97	0.04	100	0.04	100	0.03	100	0.10	100
NO0056R	lead	precip	0.91	98	0.62	100	0.27	100	0.38	100	1.10	100	0.39	100	0.21	99	0.18	100	0.17	100	0.39	100	0.32	100	0.13	100	0.38	100
PL0004R	lead	precip	0.57	100	0.21	100	0.26	100	0.23	100	0.35	100	0.32	100	0.16	100	0.20	100	0.28	100	0.30	100	0.26	100	0.19	100	0.25	100
PL0005R	lead	precip	0.59	100	0.50	100	1.60	100	0.94	100	0.63	100	0.48	100	0.27	100	0.35	100	0.35	100	0.54	100	0.45	100	0.70	100	0.56	100
SE0005R	lead	precip	0.09	100	0.09	100	0.08	100	0.08	100	0.06	100	0.04	100	0.08	100	0.06	100	0.19	100	0.06	100	0.04	100	0.03	100	0.07	100
SE0012R	lead	precip	0.14	100	0.16	100	0.32	100	0.27	100	0.30	100	0.80	100	0.35	100	0.21	100	0.29	100	0.13	100	0.26	100	0.46	100	0.29	100
SE0014R	lead	precip	0.56	100	0.25	100	0.42	100	0.21	100	0.33	100	0.63	100	0.31	100	0.48	100	0.29	100	0.10	100	0.24	100	0.22	100	0.32	100
SE0020R	lead	precip	0.87	100	0.51	100	0.37	100	0.30	100	0.42	100	0.33	100	0.29	100	0.25	100	0.29	100	0.30	100	0.41	100	0.22	100	0.34	100
SI0008R	lead	precip	0.28	100	0.46	100	0.44	100	0.55	100	0.55	100	0.49	100	0.49	100	0.48	100	0.27	62	0.30	24	0.24	59	0.11	100	0.34	83
SK0002R	lead	precip	3.68	100	1.45	100	3.63	100	1.29	100	2.16	100	1.26	100	1.62	100	1.08	100	1.42	100	0.90	100	0.85	100	1.05	100	1.48	100
SK0004R	lead	precip	1.29	100	0.94	100	1.44	100	1.26	100	1.12	100	1.33	100	0.78	100	1.24	100	0.83	100	0.54	100	0.55	100	0.65	100	0.98	100
SK0006R	lead	precip	2.78	100	2.58	100	8.53	100	3.78	100	1.37	100	1.21	100	1.44	100	0.92	100	0.54	100	1.12	100	3.01	100	2.38	100	2.01	100
SK0007R	lead	precip	1.41	100	1.38	100	0.62	100	1.52	100	2.85	100	-	-	0.91	100	1.45	100	0.63	100	0.35	100	0.81	100	0.11	100	0.95	100
GB0048R	lithium	precip	0.07	100	0.03	100	0.04	100	0.05	84	0.02	93	0.01	100	0.01	100	0.01	100	0.02	100	0.03	100	0.02	100	0.03	98	0.02	99
GB1055R	lithium	precip	0.02	100	0.05	61	0.04	100	0.04	63	0.02	60	0.03	98	0.01	97	0.02	100	0.03	100	0.06	80	0.03	100	0.03	100	0.03	92

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2017	
			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	manganese	precip	0.90	100	5.08	100	3.27	98	4.39	96	2.69	98	9.67	93	4.16	100	4.65	100	2.88	100	4.49	98	3.99	100	1.38	100	3.35	100
DE0001R	manganese	precip	0.87	91	0.74	100	0.83	100	1.17	100	1.60	99	3.12	100	1.02	100	0.86	100	0.64	100	2.05	100	0.69	100	0.40	100	1.16	100
DE0002R	manganese	precip	0.60	98	0.69	100	0.94	100	3.83	99	3.89	100	2.27	100	0.78	100	1.59	100	2.44	100	1.61	100	0.75	100	0.75	100	1.71	100
DE0003R	manganese	precip	0.64	99	0.40	100	0.46	100	2.34	100	0.88	100	1.55	100	1.32	100	2.62	100	1.01	100	0.54	100	0.41	100	1.02	100	1.01	100
DE0007R	manganese	precip	2.07	98	0.87	96	1.74	100	3.83	99	8.69	100	2.26	100	1.24	100	2.02	100	2.91	100	11.35	100	14.42	100	0.76	99	4.35	100
DE0008R	manganese	precip	1.15	99	0.73	100	0.70	99	2.43	99	2.07	100	2.08	100	1.47	100	1.79	100	0.71	100	0.94	100	0.57	100	0.72	100	1.19	100
DE0009R	manganese	precip	2.90	96	1.11	100	0.96	100	1.92	100	4.19	100	3.97	100	1.32	100	1.55	100	2.92	100	1.25	100	1.55	100	1.25	100	2.09	100
FI0018R	manganese	precip	2.80	100	1.15	100	4.98	100	2.36	100	12.87	100	2.92	100	2.20	100	2.60	100	1.28	100	2.49	100	0.61	100	0.36	100	1.93	100
FI0036R	manganese	precip	4.02	100	3.23	100	6.00	100	0.91	100	0.91	100	1.60	100	2.01	100	0.70	100	1.22	100	0.26	100	0.11	100	0.11	100	1.38	100
FI0050R	manganese	precip	2.51	100	1.85	100	4.01	100	1.45	100	4.86	100	2.11	100	2.39	100	1.66	100	0.64	100	0.81	100	1.67	100	0.41	100	1.56	100
FI0053R	manganese	precip	9.75	100	0.96	100	2.57	100	0.93	100	1.56	100	11.19	100	1.68	100	1.02	100	1.47	100	0.87	100	1.02	100	0.54	100	1.61	100
FI0092R	manganese	precip	0.75	100	0.47	100	1.02	100	0.63	100	2.78	100	5.50	100	0.93	100	1.16	100	1.00	100	0.54	100	0.30	100	0.19	100	1.11	100
FI0093R	manganese	precip	0.74	100	0.48	100	1.02	100	0.62	100	2.94	100	5.50	100	0.90	100	1.15	100	1.01	100	0.53	100	0.32	100	-	-	1.27	100
GB0048R	manganese	precip	0.47	100	0.38	100	0.42	100	1.93	84	1.46	93	0.66	100	0.77	100	0.72	100	0.59	100	1.34	100	0.43	100	0.64	98	0.71	99
GB1055R	manganese	precip	0.62	100	1.11	61	1.47	100	2.07	63	1.76	60	2.47	98	0.86	97	1.51	100	1.58	100	1.07	80	1.14	100	0.40	100	1.16	92
IS0091R	manganese	precip	1.30	100	5.46	100	5.93	100	4.56	100	1.92	100	18.51	100	11.42	100	6.08	100	2.21	100	1.55	100	5.09	100	1.97	100	4.47	100
NO0001R	manganese	precip	2.41	100	0.78	100	0.66	100	0.88	99	4.64	100	3.76	100	2.15	100	1.22	100	2.18	100	1.17	100	0.67	100	0.47	100	1.54	100
SE0005R	manganese	precip	2.01	100	1.22	100	3.00	100	2.40	100	1.48	100	2.64	100	11.70	100	1.30	100	2.50	100	0.58	100	0.49	100	0.30	100	3.10	100
SE0012R	manganese	precip	2.26	100	1.34	100	2.60	100	2.78	100	8.21	100	23.70	100	7.42	100	1.37	100	0.90	100	0.91	100	1.38	100	0.80	100	3.24	100
SE0014R	manganese	precip	3.65	100	1.33	100	1.70	100	2.45	100	3.95	100	8.50	100	3.38	100	7.60	100	1.80	100	1.69	100	1.30	100	0.40	100	3.25	100
SE0020R	manganese	precip	1.45	100	1.15	100	2.32	100	3.53	100	6.62	100	4.22	100	2.19	100	1.79	100	1.18	100	1.48	100	0.99	100	0.50	100	1.89	100
SI0008R	manganese	precip	0.75	100	1.87	100	1.89	100	2.64	100	2.77	100	3.34	100	3.07	100	3.77	100	0.70	62	1.03	24	0.45	59	0.62	100	1.62	83
																						98.3						
BE0014R	mercury	precip	1.90	100	5.62	100	7.43	99	6.11	97	5.99	97	11.72	92	8.59	100	8.05	100	6.34	100	7.21	6	4.11	100	2.50	99	5.75	100
CZ0003R	mercury	precip	2.57	100	5.95	100	6.22	73	25.94	62	35.95	53	14.63	100	9.14	100	2.68	96	4.38	100	30.06	89	23.71	62	16.49	53	13.97	85
DE0001R	mercury	precip	3.85	100	3.24	100	4.32	100	5.36	100	8.72	100	15.99	100	8.50	100	6.11	100	3.16	100	3.97	100	3.70	100	2.96	100	5.60	100
DE0002R	mercury	precip	2.73	100	3.58	100	5.10	100	10.85	100	7.52	100	13.25	100	7.83	100	10.13	100	6.59	100	5.61	100	6.27	100	2.91	100	7.48	100
DE0003R	mercury	precip	4.17	100	5.77	100	5.11	100	9.89	100	4.83	100	7.78	100	6.93	100	13.83	100	9.39	100	5.70	100	2.08	100	2.45	100	5.79	100
DE0008R	mercury	precip	4.83	100	5.39	100	4.20	100	7.58	100	9.52	100	9.52	100	6.34	100	6.01	100	3.73	100	6.52	100	3.59	100	3.92	100	5.76	100
DE0009R	mercury	precip	7.09	100	5.09	100	3.70	100	8.67	100	12.16	100	13.72	100	13.07	100	5.83	100	6.24	100	5.42	100	5.79	100	2.78	100	8.19	100
EE0009R	mercury	precip	2.50	100	12.91	100	8.06	100	2.53	100	5.85	100	5.00	100	9.33	100	10.00	100	2.61	100	2.50	100	2.50	100	2.50	100	5.44	100
ES0008R	mercury	precip	9.6	99	10.4	100	6.8	100	9.7	100	16.7	99	5.7	100	9.1	100	8.4	100	4.8	100	14.8	100	7.4	100	4.38	0	7.7	100
FI0036R	mercury	precip	1.5	100	2.9	100	4.6	100	4.8	100	5.0	100	7.6	100	6.2	100	5.6	100	5.7	100	4.3	100	2.5	100	3.65	100	5.0	100
GB0013R	mercury	precip	6.0	100	7.0	100	6.1	100	5.5	100	2.8	100	2.8	100	5.0	100	5.0	100	-	0	4.8	100	3.6	100	2.00	0	4.1	100
GB0017R	mercury	precip	-	-	9.0	100	6.2	100	8.8	100	6.2	100	5.2	100	13.6	100	8.1	100	4.2	100	8.4	100	3.2	100	3.00	0	6.5	100
GB0048R	mercury	precip	3.8	100	5.0	100	5.0	100	13.4	100	12.8	100	6.0	100	5.6	100	4.9	100	3.0	100	3.9	100	3.0	100	2.00	0	5.2	100
GB1055R	mercury	precip	4.0	100	6.7	100	6.2	100	5.4	100	5.8	100	7.5	100	8.0	100	8.8	100	6.2	100	6.8	100	3.9	100	2.00	0	6.1	100
LV0010R	mercury	precip	37.1	98	7.0	99	6.7	60	4.1	94	7.7	47	1.5	80	3.5	80	28.3	98	22.4	100	17.8	100	16.4	100	9.13	0	15.8	95
NL0091R	mercury	precip	5.4	100	9.0	100	9.6	93	7.4	100	12.8	100	21.2	100	14.4	100	7.6	100	4.4	100	5.7	100	5.0	100	3.37	0	8.8	100

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2017				
			avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	
NO0001R	mercury	precip	4.6	100	4.1	100	4.2	100	14.2	100	6.3	100	19.3	69	4.8	100	8.0	100	7.6	100	4.5	100	3.9	100	1.70	0	5.8	100			
PL0005R	mercury	precip	18.6	91	11.8	10	11.8	100	7.9	100	6.6	100	6.6	100	7.6	100	7.8	100	3.7	100	3.2	100	3.3	100	2.58	0	5.7	98			
SE0014R	mercury	precip	8.4	100	4.8	100	5.3	100	5.8	100	12.6	100	8.2	100	14.7	100	8.9	100	7.0	100	5.0	100	4.2	100	4.49	0	7.0	100			
SE0020R	mercury	precip	6.9	100	5.0	100	7.0	100	6.5	100	16.9	100	9.0	100	8.2	100	8.9	100	5.0	100	4.4	100	3.9	100	5.18	54.8	6.7	95			
SI0008R	mercury	precip	3.4	100	1.7	100	1.1	100	3.5	100	4.4	100	4.2	100	10.6	100	1.4	100	2.8	100	0.7	100	6.4	100	9.67	0	4.1	100			
DE0001R	molybdenum	precip	0.05	100	0.03	100	0.03	100	0.02	100	0.04	99	0.03	100	0.02	100	0.02	100	0.03	100	0.03	100	0.03	100	0.03	100	0.03	100	0.03	100	
DE0002R	molybdenum	precip	0.04	100	0.04	100	0.09	100	0.06	99	0.07	100	0.05	100	0.02	100	0.03	100	0.04	100	0.05	100	0.05	100	0.04	100	0.05	100	0.05	100	
DE0003R	molybdenum	precip	0.02	100	0.02	100	0.02	100	0.05	100	0.04	100	0.03	100	0.02	100	0.02	100	0.02	100	0.02	100	0.02	100	0.01	100	0.01	100	0.02	100	
DE0007R	molybdenum	precip	0.04	100	0.03	96	0.05	100	0.06	99	0.05	100	0.03	100	0.03	100	0.04	100	0.04	100	0.04	100	0.02	100	0.04	100	0.03	99	0.03	100	
DE0008R	molybdenum	precip	0.05	100	0.06	100	0.03	99	0.06	99	0.06	100	0.05	100	0.02	100	0.03	100	0.03	100	0.05	100	0.05	100	0.05	100	0.04	100	0.04	100	
DE0009R	molybdenum	precip	0.02	100	0.03	100	0.03	100	0.02	100	0.04	100	0.04	100	0.05	100	0.04	100	0.02	100	0.03	100	0.01	100	0.02	100	0.03	100	0.03	100	
GB0048R	molybdenum	precip	0.02	100	0.02	100	0.02	100	0.02	84	0.02	93	0.02	100	0.02	100	0.02	100	0.02	100	0.02	100	0.02	100	0.02	100	0.02	98	0.02	99	
GB1055R	molybdenum	precip	0.02	100	0.02	61	0.02	100	0.02	63	0.02	60	0.02	100	0.03	98	0.02	100	0.02	100	0.02	100	0.02	80	0.02	100	0.02	100	0.02	92	
BE0014R	nickel	precip	0.13	100	0.40	100	0.26	98	0.42	96	0.23	98	0.52	93	0.19	100	0.20	100	0.18	100	0.29	98	0.15	100	0.11	100	0.20	100	0.20	100	
CZ0003R	nickel	precip	0.46	95	0.55	97	0.37	98	0.46	98	0.56	98	0.45	99	0.35	100	0.43	99	0.20	97	0.16	99	1.15	96	0.24	92	0.41	98	0.41	98	
CZ0005R	nickel	precip	0.15	99	0.21	100	0.07	94	0.12	54	0.27	100	0.19	100	0.09	100	0.24	100	0.17	100	0.08	78	0.16	100	0.10	100	0.15	92	0.15	92	
DE0001R	nickel	precip	0.19	91	0.19	100	0.12	100	0.25	100	0.26	99	0.44	100	0.15	100	0.15	100	0.09	100	0.23	100	0.15	100	0.10	100	0.10	100	0.18	100	
DE0002R	nickel	precip	0.12	98	0.10	100	0.14	100	0.16	99	0.16	100	0.13	100	0.09	100	0.10	100	0.12	100	0.10	100	0.11	100	0.11	100	0.12	100	0.12	100	
DE0003R	nickel	precip	0.07	99	0.05	100	0.07	100	0.17	100	0.11	100	0.16	100	0.09	100	0.13	100	0.08	100	0.07	100	0.07	100	0.10	100	0.09	100	0.09	100	
DE0007R	nickel	precip	0.09	98	0.10	96	0.12	100	0.16	99	0.21	100	0.13	100	0.09	100	0.11	100	0.14	100	0.13	100	0.21	100	0.07	99	0.13	100	0.13	100	
DE0008R	nickel	precip	0.89	99	0.26	100	0.26	99	1.10	99	1.12	100	0.23	100	0.14	100	0.41	100	0.33	100	0.92	100	0.09	100	0.10	100	0.43	100	0.43	100	
DE0009R	nickel	precip	0.22	100	0.17	100	0.11	93	0.70	93	0.32	100	0.28	100	0.21	100	0.25	100	0.27	100	0.20	100	0.53	100	0.59	100	0.30	99	0.30	99	
DK0005R	nickel	precip	0.80	100	0.24	100	0.19	100	0.28	100	0.28	100	0.13	100	0.13	100	8	0.19	100	0.16	100	0.90	100	0.27	100	0.26	100	0.33	98	0.33	98
DK0008R	nickel	precip	0.41	100	0.19	100	0.17	100	0.24	100	0.33	100	0.14	100	0.12	100	0.14	100	0.07	100	0.14	100	0.17	100	0.10	100	0.14	100	0.14	100	
DK0012R	nickel	precip	0.37	100	0.21	100	0.61	100	1.32	100	1.01	100	0.41	100	0.32	100	0.22	100	0.14	100	0.38	100	0.16	100	0.19	100	0.39	100	0.39	100	
DK0022R	nickel	precip	0.13	100	0.11	100	0.14	100	0.24	100	0.27	100	0.15	100	0.32	100	0.15	100	0.08	100	0.10	100	0.14	100	0.09	100	0.14	100	0.14	100	
EE0009R	nickel	precip	0.99	100	0.48	100	1.16	100	0.67	100	0.55	100	0.81	100	0.35	100	0.64	100	0.93	100	0.29	100	0.66	100	1.10	100	0.65	100	0.65	100	
ES0008R	nickel	precip	0.75	100	0.51	100	0.87	100	0.56	100	0.60	100	0.59	100	0.60	100	0.51	100	0.66	100	0.67	100	0.51	100	0.59	100	0.60	100	0.60	100	
ES0009R	nickel	precip	4.47	99	1.81	100	14.04	100	2.39	100	0.58	100	0.95	100	0.53	100	1.83	100	0.85	100	0.51	100	0.75	100	1.25	100	1.83	100	1.83	100	
FI0018R	nickel	precip	0.43	100	0.94	100	1.14	100	0.15	100	1.63	98	0.08	0	0.08	100	0.16	100	0.19	100	0.08	100	0.13	100	0.35	100	0.23	89	0.23	89	
FI0036R	nickel	precip	0.14	100	0.23	100	1.49	100	0.44	100	0.21	100	0.12	100	0.07	100	0.06	100	0.07	100	0.24	100	0.06	100	0.14	100	0.17	100	0.17	100	
FI0050R	nickel	precip	0.95	100	0.26	100	0.68	100	0.26	100	0.85	100	0.72	100	0.10	100	0.06	100	0.06	100	0.05	100	0.18	100	0.62	100	0.32	100	0.32	100	
FI0053R	nickel	precip	1.19	100	0.17	100	0.66	100	0.36	100	0.10	100	0.25	100	0.09	100	0.19	100	0.09	100	0.03	100	0.13	100	1.26	100	0.27	100	0.27	100	
FI0092R	nickel	precip	0.21	100	0.15	100	0.28	100	0.08	100	0.18	100	0.13	100	0.05	100	0.05	100	0.09	100	0.14	100	0.28	100	0.22	100	0.14	100	0.14	100	
FI0093R	nickel	precip	0.21	100	0.15	100	0.28	100	0.08	100	0.18	100	0.13	100	0.05	100	0.05	100	0.09	100	0.15	100	0.29	100	-	-	0.13	100	0.13	100	
FR0009R	nickel	precip	0.30	100	0.20	100	0.37	100	0.86	100	0.43	100	0.34	100	0.23	100	0.18	100	0.19	100	0.66	100	0.29	100	0.11	100	0.28	100	0.28	100	
FR0013R	nickel	precip	0.23	100	0.29	100	0.46	100	0.60	100	0.61	100	0.69	100	0.83	100	0.88	100	0.43	100	0.60	100	0.39	100	0.20	100	0.48	100	0.48	100	
FR0023R	nickel	precip	1.27	100	0.42	100	0.63	100	2.46	100	0.51	100	1.73	100	1.22	100	1.50	100	1.75	100	1.29	100	0.55	100	0.11	100	0.84	100	0.84	100	
FR0024R	nickel	precip	2.52	95	1.67	1	2.09	100	5.85	100	0.99	100	2.26	100	1.46	100	1.19	100	1.05	100	0.93	100	0.85	34	0.94	96	1.46	81	1.46	81	
FR0025R	nickel	precip	0.45	100	0.21	100	0.31	100	0.60	100	0.25	100	0.48	100	0.56	100	0.58	100	0.26	100	0.22	76	0.25	95	0.10	100	0.31	98	0.31	98	
FR0090R	nickel	precip	0.63	100	0.43	100	0.63	100	0.45	10																					

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2017	
			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
GB0006R	nickel	precip	-	-	0.03	100	0.03	100	0.06	100	0.02	100	0.04	100	0.03	100	0.02	100	0.02	100	0.05	100	0.06	13	-	-	0.03	89
GB0013R	nickel	precip	0.10	12	0.13	100	0.09	100	0.08	100	0.11	100	0.09	80	0.15	87	0.11	100	0.15	100	0.16	99	0.18	99	0.10	100	0.12	91
GB0017R	nickel	precip	0.16	100	0.10	100	0.12	100	0.14	5	0.07	91	0.07	11	0.17	96	0.11	100	0.07	100	0.07	9	0.11	95	0.06	100	0.10	84
GB0048R	nickel	precip	0.04	100	0.06	100	0.03	100	0.12	84	0.08	93	0.06	100	0.06	100	0.04	100	0.05	100	0.08	100	0.05	100	0.75	98	0.11	99
GB1055R	nickel	precip	0.10	100	0.13	61	0.19	100	0.17	63	0.14	60	0.09	98	0.09	97	0.10	100	0.11	100	0.11	80	0.13	100	0.14	100	0.12	92
ISO091R	nickel	precip	0.14	100	0.38	100	0.35	100	0.73	100	0.58	100	0.78	100	0.69	100	0.40	100	0.21	100	0.80	100	0.36	100	0.31	100	0.44	100
LVO010R	nickel	precip	1.05	98	1.09	99	0.98	100	0.45	100	0.45	100	0.68	100	0.56	100	0.47	100	0.45	100	0.47	100	0.75	100	0.45	100	0.60	100
NL0010R	nickel	precip	0.30	100	0.14	100	0.15	100	0.61	100	0.40	47	0.49	59	0.21	68	1.17	7	0.14	96	0.16	100	0.23	100	0.10	100	0.22	84
NL0091R	nickel	precip	0.16	97	0.24	100	0.23	100	0.13	100	0.40	100	0.29	100	0.18	100	0.19	100	0.14	100	0.15	100	0.27	100	0.16	100	0.19	100
NO0001R	nickel	precip	0.77	100	0.46	100	0.17	100	0.19	99	0.19	100	0.30	100	0.24	100	0.15	100	0.13	100	0.17	100	0.14	100	0.12	100	0.20	100
PL0004R	nickel	precip	0.10	100	0.07	100	0.12	100	0.10	100	0.19	100	0.10	100	0.08	100	0.09	100	0.06	100	0.08	100	0.07	100	0.05	100	0.08	100
PL0005R	nickel	precip	0.73	100	1.45	100	0.84	100	0.61	100	0.36	100	0.45	100	0.65	100	0.29	100	0.29	9	0.15	97	0.43	100	0.22	100	0.47	89
SE0005R	nickel	precip	0.14	100	0.10	100	0.11	100	0.08	100	0.11	100	0.03	100	0.03	100	0.03	100	0.03	100	0.04	100	0.13	100	0.03	100	0.05	100
SE0012R	nickel	precip	0.08	100	0.03	100	0.08	100	0.20	100	0.27	100	1.04	100	0.31	100	0.03	100	0.03	100	0.03	100	0.07	100	0.04	100	0.13	100
SE0014R	nickel	precip	0.19	100	0.06	100	0.08	100	0.15	100	0.33	100	0.19	100	0.08	100	0.09	100	0.03	100	0.03	100	0.08	100	0.06	100	0.09	100
SE0020R	nickel	precip	0.14	100	0.03	100	0.09	100	0.18	100	0.17	100	0.09	100	0.03	100	0.03	100	0.04	100	0.06	100	0.08	100	0.03	100	0.06	100
SI0008R	nickel	precip	0.08	100	0.08	100	0.08	100	0.08	100	0.08	100	0.13	100	0.08	100	0.13	100	0.08	62	0.08	24	0.08	59	0.22	100	0.12	83
SK0002R	nickel	precip	0.41	100	0.05	100	0.35	100	0.36	100	0.09	100	0.12	100	1.14	100	0.10	100	0.13	100	0.09	100	0.10	100	1.48	100	0.46	100
SK0004R	nickel	precip	0.10	100	0.43	100	0.05	100	0.21	100	0.10	100	0.10	100	0.11	100	1.23	100	0.10	100	0.10	100	0.10	100	0.11	100	0.25	100
SK0006R	nickel	precip	0.28	100	1.05	100	2.43	100	3.56	100	2.71	100	0.35	100	0.25	100	0.26	100	0.35	100	1.55	100	0.13	100	0.23	100	0.83	100
SK0007R	nickel	precip	0.24	100	0.82	100	0.14	100	0.31	100	0.61	100	-	-	0.10	100	0.13	100	0.10	100	0.10	100	0.10	100	0.10	100	0.20	100
CZ0003R	selenium	precip	0.06	95	0.11	97	0.11	98	0.14	98	0.22	98	0.11	99	0.13	100	0.11	99	0.11	97	0.11	99	0.22	96	0.11	92	0.13	98
CZ0005R	selenium	precip	0.11	99	0.10	100	0.11	94	0.10	54	0.11	100	0.10	100	0.10	100	0.10	100	0.14	100	0.10	78	0.10	100	0.10	100	0.11	92
DE0001R	selenium	precip	0.14	91	0.10	100	0.08	100	0.15	100	0.09	99	0.09	100	0.08	100	0.09	100	0.08	100	0.12	100	0.10	100	0.10	100	0.09	100
DE0002R	selenium	precip	0.08	98	0.07	100	0.07	100	0.13	99	0.11	100	0.09	100	0.07	100	0.07	100	0.09	100	0.09	100	0.11	100	0.07	100	0.09	100
DE0003R	selenium	precip	0.06	99	0.04	100	0.04	100	0.11	100	0.11	100	0.05	100	0.06	100	0.06	100	0.05	100	0.05	100	0.03	100	0.03	100	0.05	100
DE0007R	selenium	precip	0.17	98	0.08	96	0.13	100	0.16	99	0.10	100	0.09	100	0.06	100	0.08	100	0.11	100	0.07	100	0.08	100	0.10	99	0.09	100
DE0008R	selenium	precip	0.17	99	0.12	100	0.07	99	0.16	99	0.15	100	0.10	100	0.05	100	0.07	100	0.06	100	0.11	100	0.10	100	0.11	100	0.10	100
DE0009R	selenium	precip	0.09	96	0.08	100	0.07	100	0.11	100	0.12	100	0.10	100	0.07	100	0.09	100	0.09	100	0.05	100	0.07	100	0.08	100	0.08	100
GB0048R	selenium	precip	0.13	100	0.07	100	0.13	100	0.10	84	0.07	93	0.03	100	0.12	100	0.07	100	0.06	100	0.10	100	0.05	100	0.11	98	0.08	99
GB1055R	selenium	precip	0.03	100	0.09	61	0.06	100	0.12	63	0.09	60	0.07	98	0.04	97	0.07	100	0.19	100	0.17	80	0.10	100	0.12	100	0.09	92
GB0048R	strontium	precip	2.83	100	1.17	100	1.37	100	2.72	98	0.55	100	0.31	100	0.44	100	0.30	100	0.41	100	1.16	100	0.68	100	3.12	98	0.98	100
GB1055R	strontium	precip	0.63	100	2.25	100	1.61	100	2.03	100	1.29	100	1.23	100	0.65	100	0.77	100	1.03	100	4.09	98	1.36	100	1.28	100	1.30	100
DE0001R	thallium	precip	0.004	91	0.005	100	0.003	100	0.002	100	0.003	99	0.004	100	0.002	100	0.003	100	0.002	100	0.004	100	0.003	100	0.003	100	0.003	100
DE0002R	thallium	precip	0.002	98	0.003	100	0.003	100	0.006	99	0.005	100	0.003	100	0.002	100	0.002	100	0.004	100	0.004	100	0.005	100	0.003	100	0.003	100
DE0003R	thallium	precip	0.002	99	0.001	100	0.001	100	0.004	100	0.002	100	0.001	100	0.002	100	0.002	100	0.002	100	0.002	100	0.003	100	0.001	100	0.002	100
DE0007R	thallium	precip	0.005	98	0.003	96	0.005	100	0.007	99	0.006	100	0.003	100	0.002	100	0.003	100	0.005	100	0.003	100	0.004	100	0.003	99	0.004	100
DE0008R	thallium	precip	0.004	99	0.003	100	0.002	99	0.010	99	0.006	100	0.002	100	0.001	100	0.002	100	0.001	100	0.003	100	0.004	100	0.005	100	0.003	100
DE0009R	thallium	precip	0.004	96	0.005	100	0.002	100	0.003	100	0.006	100	0.004	100	0.003	100	0.002	100	0.003	100	0.002	100	0.003	100	0.003	100	0.003	100
GB0048R	tin	precip	0.02	100	0.03	100	0.04	100	0.08	84	0.04	93	0.00	100	0.01	100	0.01	100	0.04	100	0.02	100	0.02	100	0.08	98	0.03	99
GB1055R	tin	precip	0.03	100	0.03	61	0.04	100	0.04	63	0.05	60	0.01	98	0.10	97	0.02	100	0.02	100	0.01	80	0.05	100	0.01	100	0.03	92

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2017	
			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
DE0001R	titanium	precip	0.15	91	0.18	100	0.18	100	0.36	100	0.37	99	0.53	100	0.17	100	0.19	100	0.10	100	0.29	100	0.16	100	0.15	100	0.22	100
DE0002R	titanium	precip	0.09	98	0.10	100	0.18	100	0.77	99	0.50	100	0.48	100	0.16	100	0.31	100	0.34	100	0.22	100	0.14	100	0.18	100	0.29	100
DE0003R	titanium	precip	0.13	99	0.05	100	0.09	100	0.51	100	0.09	100	0.19	100	0.19	100	0.34	100	0.20	100	0.15	100	0.05	100	0.08	100	0.15	100
DE0007R	titanium	precip	0.20	98	0.07	96	0.21	100	0.50	99	0.65	100	0.33	100	0.16	100	0.26	100	0.39	100	0.16	100	0.19	100	0.14	99	0.25	100
DE0008R	titanium	precip	0.17	99	0.10	100	0.10	99	0.62	99	0.47	100	0.35	100	0.23	100	0.25	100	0.10	100	0.13	100	0.08	100	0.16	100	0.20	100
DE0009R	titanium	precip	0.20	96	0.11	100	0.14	100	0.34	100	0.67	100	0.47	100	0.21	100	0.17	100	0.30	100	0.13	100	0.11	100	0.13	100	0.25	100
GB0048R	titanium	precip	0.07	100	0.13	100	0.08	100	0.61	84	0.28	93	0.10	100	0.11	100	0.14	100	0.12	100	0.11	100	0.03	100	0.21	98	0.13	99
GB1055R	titanium	precip	0.12	100	0.11	61	0.21	100	0.26	63	0.19	60	0.12	98	0.12	97	0.15	100	0.17	100	0.15	80	0.10	100	0.05	100	0.13	92
GB0048R	tungsten	precip	0.009	100	0.015	100	0.006	100	0.021	84	0.008	93	0.005	100	0.006	100	0.005	100	0.005	100	0.005	100	0.005	100	0.005	98	0.007	99
GB1055R	tungsten	precip	0.009	100	0.007	61	0.010	100	0.025	63	0.006	60	0.005	98	0.005	97	0.005	100	0.005	100	0.005	98	0.007	100	0.005	100	0.006	93
GB0048R	uranium	precip	0.001	100	0.001	100	0.001	100	0.002	84	0.001	93	0.001	100	0.001	100	0.001	100	0.001	100	0.001	100	0.002	100	0.005	98	0.001	99
GB1055R	uranium	precip	0.001	100	0.001	61	0.002	100	0.001	63	0.001	60	0.002	100	0.010	98	0.004	100	0.001	100	0.001	80	0.002	100	0.001	100	0.003	92
CZ0003R	vanadium	precip	0.08	95	0.07	97	0.03	98	0.14	98	0.15	98	0.15	99	0.09	100	0.37	99	0.11	97	0.06	99	0.18	96	0.06	92	0.12	98
CZ0005R	vanadium	precip	0.06	99	0.09	100	0.03	94	0.07	54	0.12	100	0.12	100	0.06	100	0.21	100	0.06	100	0.04	78	0.06	100	0.02	100	0.07	92
DE0001R	vanadium	precip	0.12	91	0.16	100	0.12	100	0.18	100	0.14	99	0.22	100	0.13	100	0.10	100	0.06	100	0.24	100	0.13	100	0.09	100	0.14	100
DE0002R	vanadium	precip	0.05	98	0.06	100	0.09	100	0.30	99	0.17	100	0.18	100	0.08	100	0.17	100	0.15	100	0.11	100	0.11	100	0.09	100	0.13	100
DE0003R	vanadium	precip	0.04	99	0.06	100	0.04	100	0.14	100	0.10	100	0.09	100	0.12	100	0.22	100	0.08	100	0.08	100	0.07	100	0.04	100	0.09	100
DE0007R	vanadium	precip	0.11	98	0.06	96	0.09	100	0.20	99	0.24	100	0.17	100	0.09	100	0.13	100	0.13	100	0.08	100	0.12	100	0.07	99	0.12	100
DE0008R	vanadium	precip	0.06	99	0.08	100	0.04	99	0.15	99	0.11	100	0.12	100	0.10	100	0.20	100	0.05	100	0.07	100	0.09	100	0.06	100	0.10	100
DE0009R	vanadium	precip	0.15	96	0.11	100	0.08	100	0.37	100	0.33	100	0.26	100	0.13	100	0.25	100	0.17	100	0.10	100	0.20	100	0.15	100	0.18	100
FI0018R	vanadium	precip	0.47	100	0.41	100	0.79	100	0.26	100	0.63	100	0.12	100	0.12	100	0.14	100	0.14	100	0.20	100	0.31	100	0.18	100	0.20	100
FI0036R	vanadium	precip	0.04	100	0.04	100	0.16	100	0.25	100	0.07	100	0.08	100	0.06	100	0.04	100	0.06	100	0.05	100	0.05	100	0.05	100	0.07	100
FI0050R	vanadium	precip	0.18	100	0.20	100	0.44	100	0.19	100	0.22	100	0.08	100	0.08	100	0.08	100	0.04	100	0.06	100	0.12	100	0.06	100	0.10	100
FI0053R	vanadium	precip	1.91	100	0.22	100	0.47	100	0.15	100	0.28	100	0.58	100	0.23	100	0.12	100	0.12	100	0.08	100	0.19	100	0.11	100	0.20	100
FI0092R	vanadium	precip	0.16	100	0.08	100	0.24	100	0.09	100	0.21	100	0.12	100	0.04	100	0.07	100	0.12	100	0.09	100	0.10	100	0.09	100	0.10	100
FI0093R	vanadium	precip	0.16	100	0.09	100	0.24	100	0.09	100	0.21	100	0.12	100	0.04	100	0.07	100	0.12	100	0.09	100	0.11	100	-	-	0.10	100
FR0090R	vanadium	precip	0.52	100	0.32	100	0.61	100	0.72	100	0.33	100	0.58	100	0.29	100	0.33	100	0.35	100	0.24	100	0.29	100	0.39	100	0.39	100
GB0048R	vanadium	precip	0.17	100	0.10	100	0.11	100	0.21	84	0.13	93	0.08	100	0.11	100	0.05	100	0.06	100	0.15	100	0.07	100	0.10	98	0.10	99
GB1055R	vanadium	precip	0.17	100	0.29	61	0.24	100	0.29	63	0.24	60	0.24	98	0.11	97	0.14	100	0.20	100	0.36	80	0.33	100	0.18	100	0.21	92
NL0010R	vanadium	precip	0.18	100	0.17	100	0.26	100	1.61	100	0.71	47	0.81	59	0.17	68	0.81	7	0.26	96	0.45	100	0.22	100	0.07	100	0.31	84
NL0091R	vanadium	precip	0.13	100	0.13	100	0.10	100	0.14	100	0.23	100	0.39	100	0.27	100	0.21	100	0.13	100	0.19	100	0.25	100	0.13	100	0.18	100
NO0001R	vanadium	precip	0.49	100	0.36	100	0.11	100	0.11	99	0.22	100	0.32	100	0.16	100	0.13	100	0.13	100	0.11	100	0.17	100	0.16	100	0.16	100
SE0005R	vanadium	precip	0.05	100	0.03	100	0.03	100	0.06	100	0.03	100	0.03	100	0.03	100	0.03	100	0.04	100	0.03	100	0.03	100	0.03	100	0.03	100
SE0012R	vanadium	precip	0.24	100	0.45	100	0.53	100	0.32	100	0.35	100	0.84	100	0.42	100	0.15	100	0.12	100	0.10	100	0.24	100	0.16	100	0.25	100
SE0014R	vanadium	precip	0.19	100	0.16	100	0.21	100	0.21	100	0.15	100	0.38	100	0.15	100	0.16	100	0.09	100	0.09	100	0.14	100	0.10	100	0.16	100
SE0020R	vanadium	precip	0.19	100	0.18	100	0.16	100	0.22	100	0.29	100	0.18	100	0.13	100	0.14	100	0.13	100	0.16	100	0.17	100	0.11	100	0.16	100
SI0008R	vanadium	precip	0.20	100	0.37	100	0.33	100	0.34	100	0.16	100	0.53	100	0.37	100	0.35	100	0.22	62	0.25	24	0.20	59	0.13	100	0.26	83
BE0014R	zinc	precip	5.9	100	13.2	100	10.3	98	17.3	96	10.2	98	23.4	93	10.7	100	7.1	100	9.8	100	6.7	98	6.1	100	4.66	100	8.4	100
CZ0003R	zinc	precip	41.8	95	59.6	97	35.8	98	21.1	98	31.8	98	26.7	99	18.2	100	35.4	99	4.5	97	6.8	99	35.1	96	20.26	92	24.2	98
CZ0005R	zinc	precip	5.8	99	14.4	100	3.0	94	4.7	54	7.0	100	4.1	100	3.3	100	4.0	100	5.1	100	6.3	78	5.2	100	3.58	100	4.9	92
DE0001R	zinc	precip	5.2	100	2.9	100	17.9	100	4.4	100	24.8	99	16.9	100	1.7	100	1.7	100	1.2	100	3.0	100	1.7	100	1.56	100	5.1	100
DE0002R	zinc	precip	2.4	98	3.5	100	2.7	100	5.1	99	5.2	100	3.3	100	2.2	100	2.1	100	4.8	100	2.9	100	3.9	100	3.63	100	3.4	100

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2017	
			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
DE0003R	zinc	precip	2.3	99	2.6	100	1.7	100	4.8	100	2.1	100	1.8	100	2.0	100	1.6	100	2.1	100	1.7	100	1.5	100	1.43	100	2.0	100
DE0007R	zinc	precip	4.9	98	3.1	96	3.7	100	6.3	99	5.7	100	3.2	100	3.0	100	3.6	100	6.9	100	3.3	100	4.5	100	3.63	99	3.9	100
DE0008R	zinc	precip	4.8	99	15.0	100	9.7	99	14.5	99	10.9	100	14.9	100	5.7	100	4.9	100	6.0	100	11.0	100	4.7	100	5.78	100	8.0	100
DE0009R	zinc	precip	5.7	96	2.3	100	2.2	100	3.2	100	5.1	100	2.7	100	1.9	100	2.6	100	2.3	100	2.0	100	4.2	100	3.29	100	2.9	100
EE0009R	zinc	precip	6.9	100	4.0	100	9.3	100	10.9	100	14.8	100	13.8	100	9.0	100	13.5	100	68.3	100	23.5	100	10.2	100	6.49	100	19.4	100
EE0011R	zinc	precip	14.0	100	4.6	100	2.4	100	9.2	100	29.9	100	21.0	100	11.2	100	37.0	100	20.1	100	10.1	100	2.2	100	0.52	100	10.2	100
ES0008R	zinc	precip	53.7	100	44.8	100	21.3	100	48.8	100	42.9	100	17.8	100	24.4	100	23.3	100	25.4	100	37.1	100	34.8	100	60.80	100	38.2	100
ES0009R	zinc	precip	27.4	99	14.9	100	94.0	100	68.5	100	46.0	100	80.2	100	98.4	100	127.7	100	109.4	100	23.6	100	31.0	100	23.52	100	61.5	100
FI0018R	zinc	precip	6.5	100	3.8	100	13.1	100	7.0	100	8.2	100	2.3	100	2.5	100	1.6	100	1.7	100	3.6	100	3.3	100	2.33	100	3.0	100
FI0036R	zinc	precip	1.4	100	0.8	100	2.4	100	0.7	100	1.0	100	2.8	100	0.9	100	1.0	100	1.0	100	0.9	100	0.5	100	0.81	100	1.1	100
FI0050R	zinc	precip	4.9	100	3.9	100	6.9	100	2.1	100	3.4	100	1.8	100	1.3	100	1.6	100	1.1	100	2.7	100	2.4	100	2.77	100	2.3	100
FI0053R	zinc	precip	12.0	100	2.0	100	5.2	100	2.1	100	2.4	100	4.9	100	1.9	100	2.1	100	3.4	100	3.6	100	1.9	100	1.36	100	2.6	100
FI0092R	zinc	precip	3.2	100	0.9	100	2.6	100	1.3	100	2.3	100	2.2	100	0.7	100	0.9	100	2.2	100	2.0	100	1.7	100	1.56	100	1.6	100
FI0093R	zinc	precip	3.1	100	0.9	100	2.6	100	1.3	100	2.3	100	2.2	100	0.7	100	0.9	100	2.2	100	2.0	100	1.7	100	-	-	1.6	100
FR0090R	zinc	precip	10.3	100	12.6	100	12.8	100	13.3	100	5.7	100	16.7	100	6.0	100	13.2	100	13.0	100	9.8	100	10.5	100	6.33	100	10.5	100
GB0006R	zinc	precip	-	-	0.5	100	1.1	100	0.7	100	2.1	100	1.7	100	1.3	100	0.5	100	0.5	100	0.5	100	0.5	100	0.50	100	0.8	100
GB0013R	zinc	precip	1.3	12	2.3	100	2.5	100	2.1	100	2.3	100	1.2	80	1.7	87	1.8	100	2.7	100	2.5	99	2.8	99	2.68	100	2.3	91
GB0017R	zinc	precip	5.8	100	4.7	100	6.5	100	7.0	5	6.8	91	6.8	11	3.8	96	3.0	100	3.5	100	3.6	9	6.0	95	2.65	100	4.4	84
GB0048R	zinc	precip	3.0	100	2.8	100	1.5	100	5.2	84	2.5	93	1.9	100	2.9	100	2.2	100	2.4	100	2.1	100	2.1	100	15.69	98	3.3	99
GB1055R	zinc	precip	3.9	100	3.3	61	2.9	100	7.0	63	4.6	60	5.1	98	2.6	97	3.0	100	4.8	100	2.4	80	2.8	100	3.25	100	3.4	92
NL0010R	zinc	precip	9.8	100	8.7	100	10.3	100	30.0	100	16.9	47	21.4	59	4.8	68	23.3	7	9.7	96	11.5	100	11.0	100	7.59	100	10.6	84
NL0091R	zinc	precip	3.7	99	4.0	100	4.1	100	3.8	100	6.3	100	3.6	100	3.6	100	3.4	100	1.6	100	3.5	100	5.0	100	2.10	100	3.2	100
NO0001R	zinc	precip	3.6	100	5.5	100	3.1	100	4.2	99	6.1	100	3.5	100	1.8	100	2.1	100	3.7	100	1.4	100	2.2	100	1.39	100	2.9	100
NO0039R	zinc	precip	2.3	100	1.0	100	1.2	100	0.8	100	1.5	100	1.1	100	1.4	100	1.9	100	1.0	97	0.6	100	0.3	100	1.21	100	1.2	100
NO0056R	zinc	precip	6.3	98	10.6	100	6.5	100	6.0	100	6.6	100	3.8	100	3.3	99	1.9	100	1.9	100	3.1	100	2.6	100	7.01	100	4.2	100
PL0004R	zinc	precip	4.2	100	2.4	100	3.2	100	2.0	100	8.0	100	3.0	100	1.9	100	1.8	100	2.1	100	1.6	100	1.2	100	1.08	100	2.0	100
PL0005R	zinc	precip	12.0	100	4.3	100	7.7	100	5.6	100	7.0	100	7.0	100	4.3	100	5.0	100	3.5	100	4.2	100	6.0	100	3.98	100	5.2	100
SE0005R	zinc	precip	3.0	100	3.0	100	3.1	100	1.8	100	0.9	100	1.0	100	7.5	100	0.8	100	1.9	100	0.8	100	0.8	100	1.09	100	2.2	100
SE0012R	zinc	precip	2.9	100	1.7	100	2.9	100	2.4	100	6.5	100	23.4	100	6.7	100	1.7	100	1.6	100	0.8	100	1.0	100	2.20	100	3.5	100
SE0014R	zinc	precip	5.2	100	2.4	100	3.4	100	1.4	100	3.2	100	12.5	100	2.6	100	11.6	100	1.6	100	0.8	100	1.6	100	0.75	100	4.0	100
SE0020R	zinc	precip	5.2	100	2.3	100	3.4	100	2.8	100	4.4	100	2.3	100	2.1	100	2.1	100	1.9	100	1.3	100	2.0	100	0.75	100	2.1	100
SI0008R	zinc	precip	1.3	100	1.0	100	1.3	100	3.1	100	3.3	100	3.4	100	2.4	100	2.1	100	1.0	62	2.4	24	0.9	59	0.48	100	1.6	83
SK0002R	zinc	precip	17.7	100	11.6	100	20.0	100	14.4	100	46.2	100	7.7	100	14.4	100	38.1	100	6.7	100	8.2	100	13.5	100	15.51	100	17.6	100
SK0004R	zinc	precip	4.7	100	8.7	100	20.5	100	4.2	100	6.3	100	2.2	100	2.2	100	4.9	100	6.1	100	10.7	100	5.1	100	3.08	100	5.7	100
SK0006R	zinc	precip	2.9	100	13.4	100	27.7	100	15.8	100	13.8	100	10.8	100	13.0	100	7.3	100	8.1	100	6.5	100	8.8	100	6.06	100	10.1	100
SK0007R	zinc	precip	6.1	100	9.4	100	53.5	100	12.7	100	32.1	100	-	-	42.7	100	80.1	100	38.1	100	67.0	100	46.4	100	20.59	100	38.2	100
		precipitation_amount																										
BE0014R		precip	56	100	47	100	36	100	17	100	32	100	7	100	73	100	127	100	131	100	25	100	66	100	108	100	725	100
BE0014R		precipitation_amount_Hg	58	100	50	100	37	100	16	100	33	100	7	100	77	100	130	100	139	100	25	100	84	100	118	100	775	100
		precipitation_amount																										
CZ0003R		precip	37	100	28	100	51	100	99	100	32	100	90	100	131	100	56	100	39	100	100	100	42	100	36	100	740	100
		precipitation_amount_Hg	38	100	29	100	68	100	78	100	38	100	83	100	137	100	59	100	40	100	96	100	40	100	35	100	742	100
		precipitation_amount																										
CZ0005R		precip	74	100	31	100	93	100	116	100	60	100	43	100	98	100	100	100	68	100	94	100	78	100	110	100	965	100
		precipitation_amount																										
DE0001R		precip	30	87	49	86	36	87	26	87	33	84	79	87	75	85	71	86	174	87	98	85	82	86	73	87	826	86

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2017	
			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
DE0001R	precipitation_amount_Hg	precip	35	100	54	100	39	100	31	100	38	100	84	100	84	100	77	100	188	100	114	100	92	100	78	100	913	100
DE0002R	precipitation_amount	precip	57	87	41	86	59	87	34	87	126	84	123	87	187	85	63	86	63	87	59	85	73	86	58	87	941	86
DE0002R	precipitation_amount_Hg	precip	57	87	37	86	55	87	33	87	121	84	120	87	180	85	59	86	57	87	48	85	64	86	57	87	887	86
DE0003R	precipitation_amount	precip	114	87	117	86	125	87	81	87	149	84	90	87	189	85	131	86	98	87	136	84	263	87	207	87	1700	86
DE0003R	precipitation_amount_Hg	precip	120	87	115	86	123	87	83	87	151	84	92	87	192	85	132	86	102	87	142	84	278	87	211	87	1739	86
DE0007R	precipitation_amount	precip	38	84	31	86	54	87	37	87	47	84	113	87	162	85	64	86	38	87	83	85	65	86	43	87	776	86
DE0008R	precipitation_amount	precip	82	87	72	86	94	87	47	87	70	84	74	87	201	85	167	86	104	87	195	85	165	86	112	87	1383	86
DE0008R	precipitation_amount_Hg	precip	82	87	81	86	108	87	53	87	81	84	85	87	231	85	174	86	110	87	190	85	159	86	108	87	1462	86
DE0009R	precipitation_amount	precip	29	87	33	86	43	87	29	87	32	84	104	87	98	85	53	86	54	87	79	84	66	87	41	87	660	86
DE0009R	precipitation_amount_Hg	precip	32	100	35	100	44	100	30	100	35	100	110	100	93	100	58	100	47	100	86	100	63	100	47	100	680	100
DK0005R	precipitation_amount	precip	24	96	28	100	47	100	23	100	41	100	82	100	10	100	94	100	59	100	84	100	52	100	2	4	546	92
DK0008R	precipitation_amount	precip	16	96	27	100	41	100	35	100	27	100	104	100	99	100	61	100	125	100	86	100	41	100	70	100	731	100
DK0012R	precipitation_amount	precip	15	96	41	100	42	100	58	100	19	100	100	100	87	100	65	100	112	100	67	100	55	100	45	100	707	100
DK0022R	precipitation_amount	precip	52	96	84	100	56	100	53	100	26	100	105	100	96	100	104	100	123	100	131	100	93	100	124	100	1046	100
EE0009R	precipitation_amount	precip	19	99	25	100	23	100	48	100	13	100	85	100	105	100	122	100	89	100	129	98	60	99	59	100	778	100
EE0009R	precipitation_amount_Hg	precip	19	99	25	100	23	100	48	100	13	100	85	100	105	100	122	100	89	100	129	98	60	99	59	100	778	100
EE0011R	precipitation_amount	precip	20	99	28	100	39	100	37	100	8	100	43	100	42	100	31	100	84	100	136	98	122	99	94	100	685	100
ES0008R	precipitation_amount	precip	87	60	84	86	78	87	51	67	73	84	88	87	61	85	121	86	145	87	41	65	190	67	245	87	1265	79
ES0008R	precipitation_amount_Hg	precip	71	84	70	86	67	87	39	67	56	84	69	87	39	85	85	86	111	87	26	84	135	87	195	87	963	84
ES0009R	precipitation_amount	precip	7	41	51	64	17	68	17	27	31	65	34	47	50	27	18	28	28	31	32	22	17	58	22	57	325	44
FI0018R	precipitation_amount	precip	12	100	25	100	11	100	32	100	10	100	89	100	69	100	91	100	136	100	138	100	102	100	106	100	820	100
FI0036R	precipitation_amount	precip	42	100	22	100	15	100	25	100	23	100	39	100	100	100	86	100	43	100	62	100	51	100	53	100	560	100
FI0036R	precipitation_amount_Hg	precip	28	100	16	100	25	100	17	100	24	100	71	100	112	100	82	100	45	100	51	100	67	100	38	84	575	99
FI0050R	precipitation_amount	precip	10	96	21	97	18	99	41	100	13	100	91	100	52	100	74	100	65	100	71	100	60	100	81	100	596	99
FI0053R	precipitation_amount	precip	3	100	22	100	12	100	28	100	25	100	14	100	45	100	71	100	35	100	48	100	41	100	33	100	378	100
FI0092R	precipitation_amount	precip	19	97	31	100	32	100	55	100	30	100	47	100	93	100	95	100	73	100	62	100	74	100	93	100	704	100
FI0093R	precipitation_amount	precip	20	99	31	100	32	100	56	100	29	100	47	100	94	100	95	100	73	100	62	100	61	84	0	0	599	90

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2017	
			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
FR0009R	precipitation_amount	precip	73	92	68	100	86	100	22	100	62	100	58	100	94	100	112	100	116	100	64	100	98	100	199	100	1052	99
FR0013R	precipitation_amount	precip	39	92	70	100	71	100	45	100	66	100	36	100	47	100	44	100	56	100	43	100	43	100	107	100	668	99
FR0023R	precipitation_amount	precip	17	92	52	100	98	100	44	100	125	100	43	100	74	100	45	100	32	100	49	100	43	100	174	100	798	99
FR0024R	precipitation_amount	precip	37	92	85	100	31	100	18	100	59	100	24	100	50	100	58	100	64	100	51	77	35	100	100	100	611	97
FR0025R	precipitation_amount	precip	40	92	50	100	73	100	31	100	95	100	29	100	40	100	38	100	77	100	44	100	61	100	93	100	671	99
GB0006R	precipitation_amount	precip	0	0	146	90	178	100	62	100	106	100	97	100	137	100	181	100	203	100	204	100	188	100	9	5	1511	83
GB0013R	precipitation_amount	precip	71	100	123	100	88	100	47	100	80	100	77	100	102	100	60	100	81	100	74	100	50	100	156	100	1009	100
GB0013R	precipitation_amount_Hg	precip	58	100	54	100	72	100	50	100	122	100	73	100	75	100	89	91	0	0	83	93	74	100	167	100	915	90
GB0017R	precipitation_amount	precip	32	100	54	100	29	100	19	100	44	100	50	100	64	100	61	100	61	100	16	100	43	100	74	100	548	100
GB0017R	precipitation_amount_Hg	precip	0	0	35	84	24	100	19	100	49	100	56	100	60	100	69	100	73	100	15	100	52	100	79	100	530	90
GB0048R	precipitation_amount	precip	34	89	72	100	74	77	13	100	39	100	116	100	103	100	85	100	71	100	65	100	59	100	60	100	791	97
GB0048R	precipitation_amount_Hg	precip	35	100	82	100	67	100	21	100	49	100	100	100	101	100	91	100	66	100	66	100	65	100	63	100	808	100
GB1055R	precipitation_amount	precip	67	100	43	100	57	100	5	100	58	100	37	100	81	97	57	100	57	100	30	100	71	100	89	77	652	98
GB1055R	precipitation_amount_Hg	precip	61	100	65	100	57	100	19	100	55	100	66	100	66	100	69	100	53	100	47	100	63	100	46	63	667	97
HU0002R	precipitation_amount	precip	50	96	45	100	29	100	70	100	69	100	46	100	89	100	49	100	124	100	80	100	28	100	114	100	793	100
IS0091R	precipitation_amount	precip	220	100	227	100	97	100	236	100	132	100	47	100	108	100	69	100	168	100	98	100	139	100	118	84	1659	99
LV0010R	precipitation_amount	precip	43	100	44	100	50	100	37	100	12	100	51	100	68	100	65	100	157	100	207	100	153	100	132	100	1019	100
LV0010R	precipitation_amount_Hg	precip	43	100	44	100	50	100	37	100	12	100	51	100	68	100	65	100	157	100	207	100	153	100	132	100	1019	100
NL0010R	precipitation_amount	precip	41	94	60	93	47	94	15	90	49	93	49	93	102	94	15	94	73	93	37	90	49	93	55	71	593	91
NL0091R	precipitation_amount	precip	45	90	48	86	51	84	27	87	34	84	52	87	115	87	54	84	230	87	75	87	79	83	125	87	934	86
NL0091R	precipitation_amount_Hg	precip	42	100	60	100	14	68	27	70	41	93	55	77	77	77	79	100	88	77	46	78	3	7	93	100	625	79
NO0001R	precipitation_amount	precip	84	100	111	100	108	100	59	100	58	77	26	53	98	94	132	100	539	100	422	100	206	100	111	97	1954	93
NO0001R	precipitation_amount_Hg	precip	85	100	134	100	85	100	59	100	59	100	26	100	98	100	132	100	539	100	422	100	206	100	111	100	1954	100
NO0039R	precipitation_amount	precip	194	100	106	100	127	100	148	100	111	77	137	100	150	100	113	100	57	100	232	100	161	100	208	77	1746	96
NO0056R	precipitation_amount	precip	39	100	55	100	30	100	48	100	82	100	46	77	74	100	161	100	116	100	125	100	80	100	77	100	934	98
PL0004R	precipitation_amount	precip	28	99	45	100	37	100	48	100	10	100	71	100	105	100	76	100	77	100	123	100	113	100	98	100	832	100
PL0005R	precipitation_amount	precip	17	96	32	100	47	100	61	100	25	100	95	100	93	100	78	100	91	100	142	100	45	100	59	100	786	100

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2017	
			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
PL0005R	precipitation_amount_Hg	precip	11	96	16	100	28	100	82	100	23	100	86	100	61	100	79	100	94	100	175	100	40	100	46	100	742	100
SE0005R	precipitation_amount	precip	13	100	10	100	20	100	14	100	28	100	86	100	63	100	55	100	43	100	75	100	25	100	11	100	442	100
SE0012R	precipitation_amount	precip	19	100	23	100	23	100	21	100	6	100	33	100	16	100	48	100	101	100	85	100	38	100	39	58	452	96
SE0014R	precipitation_amount	precip	12	100	29	100	35	100	36	100	37	100	64	100	73	100	89	100	89	100	100	100	44	100	91	100	699	100
SE0014R	precipitation_amount_Hg	precip	17	100	33	100	96	100	22	100	59	100	84	100	41	100	104	100	96	100	121	100	77	100	119	100	869	100
SE0020R	precipitation_amount	precip	34	100	51	100	40	100	44	100	25	100	75	100	74	100	98	100	101	100	107	100	92	100	105	77	845	98
SE0020R	precipitation_amount_Hg	precip	27	100	64	100	37	100	46	100	34	100	106	100	115	100	126	100	123	100	134	100	106	100	114	100	1032	100
SI0008R	precipitation_amount	precip	82	100	103	100	47	100	129	100	75	100	89	100	53	100	92	100	285	100	105	100	187	100	297	100	1543	100
SI0008R	precipitation_amount_Hg	precip	76	100	127	100	58	100	126	100	89	100	115	100	38	100	131	100	394	100	80	100	252	100	166	58	1651	96
SK0002R	precipitation_amount	precip	15	100	103	100	92	100	236	100	93	100	102	100	89	100	90	100	30	100	102	100	85	100	189	100	1226	100
SK0004R	precipitation_amount	precip	9	100	28	100	24	100	97	100	61	100	68	100	69	100	69	100	86	100	58	100	62	100	30	100	660	100
SK0006R	precipitation_amount	precip	42	52	40	75	31	84	42	93	69	100	100	100	105	97	85	100	83	80	82	74	97	100	114	100	890	88
SK0007R	precipitation_amount	precip	18	100	15	100	31	100	47	100	34	100	0	0	62	100	16	100	65	100	51	100	47	100	52	100	437	92
ES0001R	mercury	precip+dry_dep	-	-	34	96	-	-	2	97	-	-	2	97	-	-	-	-	-	-	3	97	-	-	-	-	-	-
ES0001R	chromium	precip+dry_dep	-	-	320	96	-	-	100	97	-	-	840	97	-	-	-	-	-	-	120	97	-	-	-	-	-	-
ES0001R	zinc	precip+dry_dep	-	-	127927	96	-	-	31424	97	-	-	68450	97	-	-	-	-	-	-	26560	97	-	-	-	-	-	-
ES0001R	arsenic	precip+dry_dep	-	-	80	96	-	-	71	97	-	-	180	97	-	-	-	-	-	-	70	97	-	-	-	-	-	-
ES0001R	cadmium	precip+dry_dep	-	-	50	96	-	-	20	97	-	-	20	97	-	-	-	-	-	-	20	97	-	-	-	-	-	-
ES0001R	copper	precip+dry_dep	-	-	5351	96	-	-	2750	97	-	-	8700	97	-	-	-	-	-	-	1880	97	-	-	-	-	-	-
ES0001R	lead	precip+dry_dep	-	-	420	96	-	-	109	97	-	-	680	97	-	-	-	-	-	-	60	97	-	-	-	-	-	-
ES0001R	nickel	precip+dry_dep	-	-	1600	96	-	-	480	97	-	-	2700	97	-	-	-	-	-	-	570	97	-	-	-	-	-	-
ES0007R	mercury	precip+dry_dep	-	-	5	96	-	-	18	97	-	-	5	97	-	-	-	-	-	-	5	97	-	-	-	-	-	-
ES0007R	chromium	precip+dry_dep	-	-	4338	96	-	-	843	97	-	-	690	97	-	-	-	-	-	-	250	97	-	-	-	-	-	-
ES0007R	zinc	precip+dry_dep	-	-	15997	96	-	-	32761	97	-	-	48640	97	-	-	-	-	-	-	128990	97	-	-	-	-	-	-
ES0007R	arsenic	precip+dry_dep	-	-	603	96	-	-	188	97	-	-	230	97	-	-	-	-	-	-	60	97	-	-	-	-	-	-
ES0007R	cadmium	precip+dry_dep	-	-	40	96	-	-	20	97	-	-	50	97	-	-	-	-	-	-	40	97	-	-	-	-	-	-

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2017	
			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
ES0007R	copper	precip+	-	-	6655	96	-	-	6879	97	-	-	14590	97	-	-	-	-	-	-	7230	97	-	-	-	-	-	-
ES0007R	lead	precip+	-	-	2162	96	-	-	607	97	-	-	1620	97	-	-	-	-	-	-	300	97	-	-	-	-	-	-
ES0007R	nickel	precip+	-	-	3836	96	-	-	932	97	-	-	1420	97	-	-	-	-	-	-	1220	97	-	-	-	-	-	-
ES0008R	mercury	precip+	-	-	84	96	-	-	4	97	-	-	15	97	-	-	-	-	-	-	2	97	-	-	-	-	-	-
ES0008R	chromium	precip+	-	-	2351	96	-	-	980	97	-	-	820	97	-	-	-	-	-	-	280	97	-	-	-	-	-	-
ES0008R	zinc	precip+	-	-	160340	96	-	-	37037	97	-	-	45260	97	-	-	-	-	-	-	1070	97	-	-	-	-	-	-
ES0008R	arsenic	precip+	-	-	1365	96	-	-	257	97	-	-	280	97	-	-	-	-	-	-	140	97	-	-	-	-	-	-
ES0008R	cadmium	precip+	-	-	261	96	-	-	53	97	-	-	130	97	-	-	-	-	-	-	20	97	-	-	-	-	-	-
ES0008R	copper	precip+	-	-	30670	96	-	-	5073	97	-	-	7860	97	-	-	-	-	-	-	1500	97	-	-	-	-	-	-
ES0008R	lead	precip+	-	-	1208	96	-	-	405	97	-	-	1570	97	-	-	-	-	-	-	110	97	-	-	-	-	-	-
ES0008R	nickel	precip+	-	-	1700	96	-	-	870	97	-	-	1640	97	-	-	-	-	-	-	530	97	-	-	-	-	-	-
ES0012R	mercury	precip+	-	-	6	96	-	-	5	97	-	-	4	97	-	-	-	-	-	-	9	97	-	-	-	-	-	-
ES0012R	chromium	precip+	-	-	6343	96	-	-	156	97	-	-	190	97	-	-	-	-	-	-	430	97	-	-	-	-	-	-
ES0012R	zinc	precip+	-	-	28973	96	-	-	23390	97	-	-	32530	97	-	-	-	-	-	-	6750	97	-	-	-	-	-	-
ES0012R	arsenic	precip+	-	-	651	96	-	-	62	97	-	-	140	97	-	-	-	-	-	-	120	97	-	-	-	-	-	-
ES0012R	cadmium	precip+	-	-	44	96	-	-	10	97	-	-	60	97	-	-	-	-	-	-	10	97	-	-	-	-	-	-
ES0012R	copper	precip+	-	-	24584	96	-	-	20661	97	-	-	13710	97	-	-	-	-	-	-	21480	97	-	-	-	-	-	-
ES0012R	lead	precip+	-	-	4277	96	-	-	159	97	-	-	560	97	-	-	-	-	-	-	750	97	-	-	-	-	-	-
ES0012R	nickel	precip+	-	-	4151	96	-	-	370	97	-	-	890	97	-	-	-	-	-	-	450	97	-	-	-	-	-	-
ES0014R	mercury	precip+	-	-	3	96	-	-	1	97	-	-	7	97	-	-	-	-	-	-	2	97	-	-	-	-	-	-
ES0014R	chromium	precip+	-	-	1178	96	-	-	140	97	-	-	130	97	-	-	-	-	-	-	120	97	-	-	-	-	-	-
ES0014R	zinc	precip+	-	-	16763	96	-	-	3670	97	-	-	1240	97	-	-	-	-	-	-	2970	97	-	-	-	-	-	-
ES0014R	arsenic	precip+	-	-	168	96	-	-	120	97	-	-	100	97	-	-	-	-	-	-	30	97	-	-	-	-	-	-
ES0014R	cadmium	precip+	-	-	28	96	-	-	10	97	-	-	20	97	-	-	-	-	-	-	20	97	-	-	-	-	-	-
ES0014R	copper	precip+	-	-	9568	96	-	-	4010	97	-	-	4010	97	-	-	-	-	-	-	3500	97	-	-	-	-	-	-
ES0014R	lead	precip+	-	-	644	96	-	-	170	97	-	-	380	97	-	-	-	-	-	-	190	97	-	-	-	-	-	-

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2017			
			avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
ES0014R	nickel	precip+ dry_dep	-	-	1212	96	-	-	320	97	-	-	620	97	-	-	-	-	-	-	570	97	-	-	-	-	-	-	-	
IT0019R	aluminium	precip+ dry_dep	3774700	100	476900	100	155400	100	747000	100	877000	100	60200	100	63300	100	44700	100	110700	100	747000	100	62400	100	532800	100	175373	6	100	
IT0019R	titanium	precip+ dry_dep	44370	100	76500	100	20900	100	14300	100	16530	100	7320	100	7400	100	9800	100	19200	100	16700	100	13000	100	15500	100	21435	100	100	
IT0019R	vanadium	precip+ dry_dep	6290	100	9340	100	2820	100	3920	100	1440	100	1040	100	1100	100	890	100	3110	100	1780	100	1630	100	7040	100	3328	100	100	
IT0019R	manganese	precip+ dry_dep	66320	100	72100	100	34200	100	17100	100	25150	100	17400	100	33800	100	22300	100	35200	100	25700	100	21000	100	125400	100	41257	100	100	
IT0019R	iron	precip+ dry_dep	2629200	100	329900	100	961000	100	545000	100	616000	100	58400	100	28000	100	0	100	32900	100	864000	100	612000	100	52500	100	297900	100	4	100
IT0019R	cobalt	precip+ dry_dep	740	100	1370	100	440	100	1680	100	360	100	330	100	300	100	300	100	430	100	330	100	260	100	1710	100	682	100	100	
IT0019R	copper	precip+ dry_dep	9880	100	13000	100	6900	100	11200	100	8160	100	8310	100	8030	100	4340	100	12600	100	6870	100	6570	100	16200	100	9305	100	100	
IT0019R	zinc	precip+ dry_dep	485100	100	729000	100	300000	100	59000	100	72600	100	54500	100	10700	100	0	100	10000	100	338000	100	55000	100	62000	100	379000	100	217772	100
IT0019R	strontium	precip+ dry_dep	37150	100	36100	100	19900	100	30400	100	12570	100	6960	100	20200	100	2700	100	5100	100	5000	100	7400	100	23500	100	17146	100	100	
IT0019R	molybdenum	precip+ dry_dep	20	100	160	100	20	100	1750	100	20	100	20	100	20	100	20	100	70	100	60	100	20	100	20	100	180	100	100	
IT0019R	tin	precip+ dry_dep	330	100	480	100	100	100	1860	100	100	100	100	100	100	100	100	100	100	100	250	100	250	100	100	100	318	100	100	
IT0019R	antimony	precip+ dry_dep	100	100	650	100	470	100	2500	100	100	100	100	100	980	100	100	100	490	100	610	100	270	100	550	100	573	100	100	
IT0019R	barium	precip+ dry_dep	41370	100	41400	100	18800	100	19000	100	13120	100	6980	100	12000	100	4100	100	19400	100	11200	100	9800	100	63000	100	21605	100	100	
IT0019R	lanthanum	precip+ dry_dep	2060	100	4810	100	840	100	1610	100	640	100	380	100	560	100	350	100	860	100	560	100	410	100	4290	100	1427	100	100	
IT0019R	lead	precip+ dry_dep	12610	100	6750	100	3700	100	2020	100	10280	100	5410	100	1890	100	900	100	4550	100	2570	100	3180	100	15100	100	5760	100	100	
IT0019R	chromium	precip+ dry_dep	9600	100	14400	100	5290	100	6120	100	1340	100	1430	100	8200	100	710	100	2140	100	2190	100	1910	100	6010	100	4890	100	100	
IT0019R	nickel	precip+ dry_dep	23160	100	9170	100	2920	100	4330	100	46350	100	16300	100	4590	100	670	100	12200	100	2360	100	3640	100	13500	100	11646	100	100	
IT0019R	cadmium	precip+ dry_dep	20	100	430	100	150	100	490	100	20	100	20	100	140	100	20	100	20	100	50	100	20	100	1260	100	219	100	100	
IT0019R	arsenic	precip+ dry_dep	310	100	660	100	20	100	400	100	140	100	60	100	70	100	60	100	210	100	160	100	110	100	570	100	228	100	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	2017	
															Avg	Capture
CY0002R	aluminium	pm10	127	408	576	523	640	285	584	420	524	483	1394	798	569	97
FI0018R	aluminium	pm10	21	20	34	72	116	138	187	96	45	27	22	19	67	100
FI0036R	aluminium	pm10	3	5	6	10	16	12	10	7	16	6	2	2	8	100
FI0050R	aluminium	pm10	7	12	22	37	63	29	20	26	18	12	9	5	22	94
IS0091R	aluminium	aerosol	92	87	148	475	535	416	78	362	98	99	408	164	233	88
IT0019R	aluminium	pm10	-	146	61	59	26	169	165	601	42	80	42	-	146	19
DE0001R	antimony	pm10	0.35	0.47	0.36	0.17	0.25	0.21	0.15	0.19	0.29	0.27	0.20	0.15	0.25	100
DE0002R	antimony	pm10	0.62	0.73	0.42	0.26	0.32	0.28	0.24	0.34	0.44	0.46	0.52	0.29	0.41	100
DE0003R	antimony	pm10	0.09	0.12	0.24	0.30	0.19	0.25	0.16	0.19	0.20	0.14	0.10	0.07	0.17	98
DE0007R	antimony	pm10	0.46	0.80	0.32	0.22	0.28	0.20	0.18	0.32	0.36	0.42	0.36	0.21	0.34	100
DE0008R	antimony	pm10	0.31	0.35	0.23	0.30	0.27	0.31	0.25	0.25	0.28	0.23	0.22	0.09	0.26	100
DE0009R	antimony	pm10	0.44	0.78	0.39	0.17	0.22	0.19	0.15	0.23	0.34	0.36	0.30	0.18	0.31	100
IT0019R	antimony	pm10	-	0.02	0.04	0.07	0.03	0.10	0.06	0.14	0.05	0.11	0.06	-	0.08	19
BE0014R	arsenic	pm10	1.08	0.99	0.57	0.56	0.33	0.44	0.35	0.46	0.44	0.29	0.57	0.40	0.54	96
CY0002R	arsenic	pm10	0.26	0.37	0.36	0.35	0.34	0.41	0.49	0.64	0.47	0.58	0.63	0.39	0.44	97
CZ0003R	arsenic	pm10	2.08	1.27	0.53	0.63	0.48	0.46	0.18	0.19	0.36	0.26	0.45	0.37	0.60	50
CZ0003R	arsenic	pm25	1.87	1.05	0.43	0.64	0.47	0.37	0.16	0.18	0.27	0.26	0.49	0.36	0.54	50
CZ0005R	arsenic	pm10	0.36	0.99	0.26	0.18	0.30	0.11	0.07	0.14	0.10	0.09	0.09	0.08	0.23	50
DE0001R	arsenic	pm10	0.40	0.67	0.33	0.11	0.21	0.16	0.10	0.15	0.36	0.23	0.14	0.10	0.24	100
DE0002R	arsenic	pm10	0.83	1.28	0.41	0.19	0.42	0.24	0.20	0.24	0.51	0.32	0.31	0.15	0.42	100
DE0003R	arsenic	pm10	0.12	0.08	0.13	0.13	0.08	0.10	0.07	0.09	0.07	0.09	0.05	0.02	0.09	100
DE0007R	arsenic	pm10	1.52	2.51	0.40	0.16	0.58	0.23	0.28	0.44	0.52	0.48	0.31	0.16	0.62	100
DE0008R	arsenic	pm10	0.29	0.64	0.20	0.16	0.32	0.12	0.10	0.11	0.12	0.11	0.15	0.05	0.19	100
DE0009R	arsenic	pm10	1.13	1.98	0.35	0.13	0.40	0.14	0.23	0.18	0.29	0.34	0.20	0.18	0.45	100
DK0008R	arsenic	aerosol	0.50	0.65	0.23	0.15	0.29	0.18	0.14	0.19	0.24	0.14	0.14	0.13	0.25	98
DK0010G	arsenic	aerosol	0.11	0.15	0.12	0.05	0.02	0.01	0.01	0.01	0.01	0.01	0.03	0.01	0.04	90
DK0012R	arsenic	aerosol	0.62	0.92	0.39	0.23	0.40	0.27	0.22	0.23	0.32	0.30	0.27	0.20	0.36	97
EE0009R	arsenic	pm10	0.21	0.16	0.10	0.07	0.08	0.06	0.07	0.08	0.11	0.06	0.09	0.09	0.10	96
ES0001R	arsenic	pm10	0.13	0.26	0.18	0.23	0.15	0.21	0.22	0.24	0.23	0.32	0.19	0.07	0.20	16
ES0007R	arsenic	pm10	0.10	0.40	0.15	0.31	0.20	0.23	0.25	0.21	0.19	0.16	0.15	0.08	0.20	16
ES0008R	arsenic	pm10	0.23	0.15	0.35	0.20	0.11	0.19	0.14	0.12	0.18	0.22	0.31	0.07	0.19	16
ES0009R	arsenic	pm10	0.07	0.32	0.17	0.17	0.10	0.13	0.15	0.16	0.15	0.18	0.13	0.05	0.15	16
ES0014R	arsenic	pm10	0.12	0.19	0.16	0.17	0.08	0.16	0.16	0.11	0.15	0.18	0.27	0.10	0.15	16
FI0018R	arsenic	pm10	0.17	0.18	0.16	0.12	0.15	0.35	0.21	0.20	0.13	0.14	0.15	0.12	0.17	100
FI0036R	arsenic	pm10	0.10	0.13	0.08	0.10	0.09	0.25	0.14	0.13	0.13	0.03	0.05	0.04	0.11	100
FI0050R	arsenic	pm10	0.30	0.20	0.16	0.15	0.12	0.26	0.12	0.18	0.15	0.11	0.12	0.10	0.16	94
FR0009R	arsenic	pm10	0.39	0.44	0.22	0.29	0.19	0.18	0.16	0.13	0.18	0.25	0.28	0.14	0.25	85
FR0013R	arsenic	pm10	0.41	0.18	0.11	0.19	0.13	0.11	0.10	0.19	0.20	0.33	0.34	0.11	0.20	89
FR0023R	arsenic	pm10	0.19	0.09	0.14	0.17	0.10	0.13	0.11	0.13	0.26	0.23	0.11	0.06	0.14	100
FR0024R	arsenic	pm10	0.39	0.27	0.28	0.54	0.20	0.28	0.21	0.11	0.20	0.29	0.31	0.21	0.28	93
FR0025R	arsenic	pm10	0.43	0.27	0.17	0.16	0.14	0.15	0.13	0.11	0.27	0.23	0.38	0.20	0.23	88
GB0013R	arsenic	pm10	0.80	0.54	0.51	0.41	0.38	0.24	0.25	0.22	0.27	0.37	0.35	0.36	0.39	100
GB0017R	arsenic	pm10	0.86	0.66	0.67	0.45	0.38	0.36	0.35	0.41	0.47	0.75	0.84	0.60	0.57	100
GB0048R	arsenic	pm10	0.25	0.40	0.23	0.21	0.22	0.10	0.14	0.11	0.12	0.21	0.23	0.16	0.20	100
GB1055R	arsenic	pm10	1.02	0.68	0.57	0.65	0.51	0.41	0.37	0.38	0.44	0.87	1.01	0.60	0.62	100

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017	
															Avg	Capture
IS0091R	arsenic	aerosol	0.02	0.03	0.06	0.08	0.12	0.07	0.03	0.05	0.03	0.03	0.03	0.03	0.05	88
IT0019R	arsenic	pm10	-	0.07	0.07	0.11	0.05	0.12	0.03	0.23	0.11	0.18	0.01	-	0.11	19
LV0010R	arsenic	pm10	0.33	0.14	0.15	0.18	0.22	0.07	0.04	0.14	0.19	0.24	0.16	0.24	0.18	52
NL0008R	arsenic	pm10	0.75	1.06	0.40	0.35	0.32	0.28	0.26	0.39	0.42	0.07	0.42	0.42	0.44	44
NL0644R	arsenic	pm25	0.50	1.13	0.34	0.37	0.34	0.24	0.28	0.31	0.42	0.07	0.48	0.32	0.41	23
NO0002R	arsenic	pm10	0.26	0.18	0.16	0.17	0.21	0.11	0.10	0.13	0.17	0.12	0.04	0.03	0.14	94
NO0042G	arsenic	aerosol	0.09	0.12	0.11	0.19	0.03	0.02	0.01	0.00	0.01	0.03	0.04	0.05	0.06	23
NO0090R	arsenic	aerosol	0.02	0.05	0.02	0.09	0.03	0.05	0.03	0.02	0.10	0.03	0.02	0.01	0.04	27
PL0005R	arsenic	pm10	0.94	0.83	0.37	0.18	0.10	0.21	0.22	0.14	0.28	0.27	0.41	0.43	0.36	85
PL0009R	arsenic	pm10	1.70	1.28	0.76	0.36	0.17	0.18	0.15	0.35	0.57	0.12	0.55	0.74	0.60	79
SE0005R	arsenic	aerosol	0.04	0.04	0.04	0.05	0.06	0.05	0.05	0.05	0.08	0.04	0.03	0.02	0.04	98
SE0012R	arsenic	aerosol	0.39	0.42	0.27	0.21	0.24	0.19	0.21	0.32	0.43	0.15	0.30	0.21	0.29	91
SE0014R	arsenic	aerosol	0.60	0.47	0.22	0.18	0.36	0.14	0.13	0.21	0.35	0.16	0.16	0.15	0.25	87
SE0020R	arsenic	aerosol	0.43	0.31	0.25	0.16	0.21	0.16	0.17	0.20	0.21	0.17	0.22	0.11	0.21	90
SI0008R	arsenic	pm10	0.53	0.55	0.22	0.19	0.16	0.11	0.10	0.11	0.15	0.20	0.09	0.08	0.21	50
SK0002R	arsenic	aerosol	0.08	0.29	0.24	0.34	0.06	0.17	0.53	0.28	0.08	0.32	0.44	0.25	0.28	80
SK0004R	arsenic	pm10	0.22	0.17	0.33	0.43	0.19	0.39	0.21	0.29	0.16	0.29	0.03	0.01	0.22	62
SK0006R	arsenic	pm10	-	-	-	-	-	-	-	0.35	0.24	0.17	0.11	0.31	-	-
SK0007R	arsenic	pm10	0.85	0.58	0.49	0.33	0.37	0.18	0.22	0.32	0.46	0.34	0.06	0.28	0.35	72
IT0019R	barium	pm10	-	11.50	7.16	0.78	0.49	1.96	2.06	5.46	0.70	2.04	0.48	-	2.71	19
BE0014R	cadmium	pm10	0.329	0.239	0.159	0.107	0.131	0.166	0.081	0.114	0.110	0.103	0.140	0.090	0.147	96
CY0002R	cadmium	pm10	0.080	0.104	0.071	0.070	0.044	0.052	0.065	0.111	0.073	0.170	0.191	0.191	0.102	97
CZ0003R	cadmium	pm10	0.181	0.190	0.076	0.065	0.080	0.050	0.031	0.036	0.066	0.057	0.086	0.058	0.080	50
CZ0003R	cadmium	pm25	0.158	0.166	0.067	0.063	0.076	0.047	0.028	0.034	0.055	0.058	0.089	0.052	0.074	50
CZ0005R	cadmium	pm10	0.033	0.060	0.042	0.038	0.046	0.024	0.015	0.023	0.032	0.018	0.020	0.015	0.030	50
DE0001R	cadmium	pm10	0.089	0.139	0.054	0.026	0.039	0.032	0.015	0.026	0.066	0.043	0.027	0.023	0.048	100
DE0002R	cadmium	pm10	0.187	0.252	0.097	0.063	0.065	0.042	0.037	0.048	0.093	0.079	0.083	0.052	0.090	100
DE0003R	cadmium	pm10	0.028	0.023	0.034	0.036	0.020	0.021	0.016	0.024	0.021	0.021	0.014	0.007	0.022	100
DE0007R	cadmium	pm10	0.177	0.276	0.078	0.055	0.068	0.037	0.037	0.052	0.087	0.093	0.085	0.055	0.090	100
DE0008R	cadmium	pm10	0.058	0.092	0.046	0.058	0.043	0.028	0.026	0.033	0.034	0.034	0.033	0.022	0.042	100
DE0009R	cadmium	pm10	0.141	0.241	0.072	0.032	0.048	0.030	0.022	0.042	0.078	0.076	0.062	0.045	0.073	100
DK0008R	cadmium	aerosol	0.056	0.088	0.025	0.018	0.030	0.020	0.013	0.024	0.063	0.020	0.023	0.019	0.033	98
DK0010G	cadmium	aerosol	0.014	0.017	0.014	0.007	0.003	0.001	0.000	0.001	0.001	0.001	0.004	0.002	0.005	90
DK0012R	cadmium	aerosol	0.077	0.110	0.046	0.026	0.045	0.035	0.018	0.031	0.079	0.044	0.044	0.033	0.049	96
EE0009R	cadmium	pm10	0.069	0.036	0.033	0.015	0.035	0.031	0.019	0.053	0.031	0.035	0.029	0.033	0.033	96
ES0001R	cadmium	pm10	0.020	0.029	0.036	0.024	0.016	0.016	0.010	0.016	0.018	0.026	0.042	0.018	0.023	16
ES0007R	cadmium	pm10	0.019	0.037	0.036	0.028	0.020	0.022	0.016	0.016	0.024	0.018	0.038	0.028	0.025	16
ES0008R	cadmium	pm10	0.192	0.164	0.226	0.084	0.200	0.168	0.120	0.050	0.078	0.058	0.166	0.040	0.129	16
ES0009R	cadmium	pm10	0.021	0.019	0.030	0.020	0.012	0.010	0.012	0.021	0.014	0.016	0.026	0.010	0.018	16
ES0014R	cadmium	pm10	0.048	0.038	0.040	0.026	0.010	0.026	0.021	0.015	0.016	0.032	0.056	0.024	0.029	16
FI0018R	cadmium	pm10	0.039	0.056	0.047	0.020	0.023	0.029	0.020	0.025	0.038	0.039	0.051	0.033	0.035	100
FI0036R	cadmium	pm10	0.021	0.019	0.013	0.016	0.011	0.025	0.015	0.012	0.016	0.008	0.008	0.009	0.014	100
FI0050R	cadmium	pm10	0.053	0.042	0.030	0.026	0.016	0.024	0.015	0.024	0.035	0.032	0.026	0.027	0.028	94
FR0009R	cadmium	pm10	0.136	0.106	0.081	0.099	0.058	0.056	0.087	0.051	0.096	0.104	0.155	0.065	0.093	92
FR0013R	cadmium	pm10	0.086	0.055	0.031	0.043	0.021	0.024	0.022	0.020	0.031	0.051	0.074	0.034	0.040	89
FR0023R	cadmium	pm10	0.047	0.025	0.039	0.039	0.035	0.036	0.038	0.050	0.033	0.054	0.032	0.019	0.037	100
FR0024R	cadmium	pm10	0.159	0.077	0.065	0.059	0.032	0.021	0.019	0.021	0.033	0.065	0.113	0.073	0.061	100
FR0025R	cadmium	pm10	0.130	0.067	0.079	0.054	0.034	0.025	0.024	0.027	0.034	0.070	0.085	0.048	0.057	96
GB0013R	cadmium	pm10	0.077	0.062	0.047	0.081	0.055	0.028	0.031	0.042	0.045	0.035	0.072	0.050	0.052	100

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017	
															Avg	Capture
GB0017R	cadmium	pm10	0.149	0.107	0.098	0.079	0.061	0.074	0.057	0.065	0.080	0.120	0.124	0.084	0.091	100
GB0048R	cadmium	pm10	0.043	0.044	0.030	0.031	0.030	0.011	0.014	0.014	0.016	0.028	0.022	0.023	0.025	100
GB1055R	cadmium	pm10	0.192	0.124	0.088	0.125	0.097	0.065	0.070	0.082	0.085	0.131	0.171	0.097	0.111	100
HU0002R	cadmium	aerosol	0.387	0.166	0.184	0.124	0.091	0.087	0.064	0.041	0.129	0.273	0.265	0.171	0.166	94
IS0091R	cadmium	aerosol	0.002	0.003	0.003	0.007	0.017	0.003	0.004	0.005	0.004	0.004	0.003	0.003	0.004	88
IT0019R	cadmium	pm10	-	0.030	0.021	0.033	0.014	0.020	0.013	0.050	0.035	0.076	0.010	-	0.033	19
LV0010R	cadmium	pm10	0.130	0.058	0.032	0.038	0.042	0.017	0.027	0.023	0.049	0.051	0.036	0.042	0.046	52
NL0008R	cadmium	pm10	0.218	0.212	0.095	0.076	0.075	0.062	0.057	0.082	0.104	0.070	0.113	0.092	0.106	44
NL0644R	cadmium	pm25	0.112	0.093	0.085	0.068	0.082	0.048	0.073	0.070	0.124	0.068	0.126	0.111	0.090	23
NO0002R	cadmium	pm10	0.034	0.029	0.017	0.021	0.022	0.011	0.011	0.014	0.041	0.026	0.008	0.008	0.021	94
NO0042G	cadmium	aerosol	0.017	0.017	0.018	0.039	0.007	0.003	0.001	0.000	0.002	0.008	0.004	0.008	0.011	23
NO0090R	cadmium	aerosol	0.003	0.009	0.005	0.015	0.005	0.010	0.004	0.002	0.043	0.007	0.003	0.001	0.008	27
PL0005R	cadmium	pm10	0.161	0.191	0.129	0.046	0.046	0.022	0.022	0.036	0.179	0.149	0.099	0.072	0.095	85
PL0009R	cadmium	pm10	0.295	0.239	0.158	0.056	0.053	0.048	0.045	0.083	0.122	0.089	0.112	0.099	0.120	79
SE0005R	cadmium	aerosol	0.007	0.009	0.006	0.008	0.006	0.006	0.005	0.006	0.022	0.007	0.005	0.003	0.007	98
SE0012R	cadmium	aerosol	0.047	0.058	0.019	0.017	0.018	0.012	0.010	0.017	0.062	0.024	0.025	0.019	0.028	91
SE0014R	cadmium	aerosol	0.068	0.083	0.049	0.020	0.031	0.017	0.011	0.021	0.058	0.018	0.024	0.015	0.033	87
SE0020R	cadmium	aerosol	0.061	0.044	0.032	0.023	0.022	0.017	0.017	0.027	0.060	0.026	0.029	0.018	0.031	90
SI0008R	cadmium	pm10	0.164	0.081	0.087	0.052	0.037	0.029	0.033	0.037	0.042	0.091	0.055	0.031	0.064	50
SK0002R	cadmium	aerosol	0.011	0.014	0.044	0.052	0.046	0.082	0.045	0.051	0.022	0.277	0.017	0.019	0.061	80
SK0004R	cadmium	pm10	0.089	0.046	0.136	0.139	0.097	0.096	0.081	0.073	0.093	0.061	0.103	0.102	0.088	66
SK0006R	cadmium	pm10	-	-	-	-	-	-	-	-	0.115	0.084	0.111	0.111	0.134	-
SK0007R	cadmium	pm10	0.341	0.140	0.164	0.128	0.099	0.061	0.054	0.069	0.109	0.121	0.141	0.125	0.114	78
BE0014R	chromium	pm10	2.08	1.37	1.54	1.46	0.93	1.57	0.78	1.25	0.87	0.75	1.11	0.48	1.18	96
CY0002R	chromium	pm10	1.04	1.81	1.70	1.57	2.21	1.41	1.44	1.40	1.48	1.96	2.85	2.35	1.77	97
CZ0003R	chromium	pm10	0.90	1.57	0.93	0.63	0.30	1.04	0.58	1.36	1.40	0.22	0.36	0.21	0.79	50
CZ0003R	chromium	pm25	0.90	1.10	0.59	0.40	0.25	0.59	0.48	0.78	0.48	0.08	0.42	0.61	0.55	50
CZ0005R	chromium	pm10	0.12	0.24	1.22	0.14	0.33	0.35	0.14	0.49	0.35	0.89	0.16	0.06	0.38	50
ES0001R	chromium	pm10	0.71	1.93	0.54	1.14	1.23	0.99	1.47	1.28	1.29	1.10	1.50	1.23	1.21	16
ES0007R	chromium	pm10	0.70	2.63	0.53	1.58	1.42	1.06	1.79	1.98	1.35	1.01	1.39	0.85	1.37	16
ES0008R	chromium	pm10	0.98	0.58	1.58	1.09	0.77	1.29	1.17	1.15	0.97	1.01	1.04	0.65	1.02	16
ES0009R	chromium	pm10	0.71	2.41	0.71	1.13	0.80	1.03	1.40	1.06	0.78	0.99	0.88	0.78	1.06	16
ES0014R	chromium	pm10	0.74	0.52	0.42	0.94	0.78	0.70	0.68	0.76	0.78	0.78	0.56	0.67	0.70	16
FI0018R	chromium	pm10	0.18	0.27	0.22	0.05	0.35	0.27	0.28	0.55	0.27	0.07	0.22	0.05	0.23	100
FI0036R	chromium	pm10	0.06	0.13	0.12	0.07	0.02	0.08	0.28	0.11	0.22	0.31	0.04	0.03	0.12	100
FI0050R	chromium	pm10	0.15	0.21	0.26	0.20	0.44	0.03	0.17	0.12	0.20	0.48	0.08	0.07	0.20	94
GB0013R	chromium	pm10	0.93	0.59	0.50	0.77	1.18	1.10	1.10	1.10	1.10	1.10	1.10	1.10	0.97	100
GB0017R	chromium	pm10	1.39	1.12	0.93	1.83	2.95	1.44	0.88	0.51	1.10	1.10	1.10	1.10	1.29	100
GB0048R	chromium	pm10	1.84	1.61	0.94	0.97	0.71	0.46	1.10	1.10	0.96	0.88	1.10	1.10	1.06	100
GB1055R	chromium	pm10	1.93	1.36	1.05	0.74	1.16	1.10	1.10	0.85	0.52	1.10	0.68	0.78	1.03	100
IS0091R	chromium	aerosol	0.29	0.77	0.23	1.29	0.67	0.43	0.20	0.54	0.17	0.28	1.17	0.35	0.54	88
IT0019R	chromium	pm10	-	1.75	1.37	0.86	0.43	1.72	1.57	1.70	0.39	0.81	0.98	-	1.13	19
NO0002R	chromium	pm10	3.06	3.35	3.34	3.01	2.56	2.55	2.55	2.56	3.81	3.80	1.93	2.24	2.91	94
NO0042G	chromium	aerosol	0.33	0.57	0.23	0.47	0.18	0.04	0.14	0.07	0.05	0.47	0.59	0.37	0.29	23
NO0090R	chromium	aerosol	0.13	0.10	0.09	0.27	0.21	0.21	0.08	0.07	0.24	0.07	0.12	0.23	0.14	27
PL0005R	chromium	pm10	1.08	0.89	0.26	0.23	0.16	0.10	0.13	0.34	0.51	0.30	0.35	0.29	0.38	85
SE0005R	chromium	aerosol	0.13	0.13	0.17	0.23	0.46	0.23	0.19	0.23	0.27	0.17	0.18	0.17	0.21	98

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017	
															Avg	Capture
SE0012R	chromium	aerosol	0.57	0.66	0.38	0.54	0.61	0.55	0.62	0.40	0.54	0.43	0.62	0.45	0.53	91
SE0014R	chromium	aerosol	0.54	0.55	0.48	0.25	0.44	0.32	0.20	0.33	0.36	0.40	0.77	0.29	0.39	87
SE0020R	chromium	aerosol	0.31	0.32	0.44	0.42	0.43	0.33	0.47	0.54	0.55	0.59	0.50	0.46	0.45	90
SI0008R	chromium	pm10	1.25	1.19	2.03	1.62	1.37	1.47	0.94	0.64	0.86	0.93	0.45	0.86	1.13	50
SK0002R	chromium	aerosol	0.70	0.40	0.86	1.00	1.00	1.00	1.00	1.00	1.00	0.87	0.35	0.40	0.80	80
SK0004R	chromium	pm10	0.33	0.02	0.08	0.13	0.06	-	-	-	-	-	0.28	0.20	-	-
SK0006R	chromium	pm10	-	-	-	-	-	-	-	-	-	-	0.19	0.44	-	-
SK0007R	chromium	pm10	-	0.25	0.58	0.35	0.28	0.54	-	-	-	-	0.52	0.53	-	-
CZ0003R	cobalt	pm10	0.046	0.051	0.043	0.033	0.043	0.047	0.034	0.051	0.034	0.030	0.028	0.017	0.038	50
CZ0003R	cobalt	pm25	0.035	0.029	0.015	0.012	0.018	0.016	0.018	0.017	0.011	0.012	0.014	0.010	0.017	50
CZ0005R	cobalt	pm10	0.015	0.018	0.017	0.031	0.027	0.037	0.036	0.045	0.017	0.022	0.015	0.003	0.024	50
DE0001R	cobalt	pm10	0.039	0.047	0.042	0.030	0.047	0.038	0.029	0.025	0.038	0.031	0.022	0.017	0.034	100
DE0002R	cobalt	pm10	0.052	0.071	0.043	0.028	0.041	0.031	0.025	0.026	0.037	0.033	0.033	0.020	0.036	100
DE0003R	cobalt	pm10	0.011	0.019	0.030	0.041	0.036	0.037	0.035	0.044	0.023	0.029	0.024	0.002	0.028	100
DE0007R	cobalt	pm10	0.028	0.065	0.022	0.020	0.032	0.023	0.024	0.029	0.036	0.028	0.029	0.014	0.029	100
DE0008R	cobalt	pm10	0.020	0.023	0.027	0.034	0.035	0.034	0.027	0.033	0.022	0.021	0.012	0.004	0.024	100
DE0009R	cobalt	pm10	0.044	0.060	0.045	0.036	0.052	0.033	0.030	0.035	0.050	0.035	0.027	0.020	0.039	100
FI0018R	cobalt	pm10	0.016	0.020	0.023	0.030	0.036	0.030	0.031	0.036	0.016	0.016	0.020	0.018	0.024	100
FI0036R	cobalt	pm10	0.006	0.012	0.008	0.017	0.010	0.025	0.019	0.016	0.022	0.009	0.007	0.005	0.013	100
FI0050R	cobalt	pm10	0.022	0.024	0.020	0.050	0.036	0.037	0.095	0.036	0.020	0.019	0.027	0.023	0.035	94
GB0048R	cobalt	pm10	0.021	0.019	0.014	0.034	0.044	0.016	0.016	0.014	0.016	0.023	0.035	0.023	0.023	100
GB1055R	cobalt	pm10	0.051	0.040	0.037	0.051	0.055	0.040	0.029	0.021	0.051	0.074	0.034	0.024	0.042	100
IS0091R	cobalt	aerosol	0.046	0.041	0.097	0.297	0.323	0.247	0.060	0.204	0.060	0.051	0.189	0.070	0.131	88
IT0019R	cobalt	pm10	-	0.340	0.064	0.037	0.061	0.074	0.048	0.208	0.068	0.082	0.020	-	0.082	19
NO0002R	cobalt	pm10	0.015	0.011	0.013	0.018	0.021	0.016	0.017	0.013	0.018	0.013	0.004	0.003	0.013	94
NO0042G	cobalt	aerosol	0.010	0.013	0.006	0.018	0.007	0.002	0.003	0.001	0.006	0.015	0.054	0.038	0.015	23
NO0090R	cobalt	aerosol	0.006	0.010	0.007	0.021	0.016	0.017	0.009	0.003	0.034	0.011	0.004	0.004	0.012	27
SE0005R	cobalt	aerosol	0.000	0.000	0.008	0.010	0.010	0.010	0.010	0.010	0.019	0.001	0.000	0.000	0.007	98
SE0012R	cobalt	aerosol	0.020	0.020	0.020	0.028	0.039	0.020	0.020	0.012	0.030	0.013	0.018	0.020	0.022	91
SE0014R	cobalt	aerosol	0.031	0.039	0.030	0.020	0.047	0.020	0.020	0.021	0.030	0.020	0.010	0.010	0.025	87
SE0020R	cobalt	aerosol	0.020	0.020	0.027	0.021	0.029	0.020	0.020	0.020	0.038	0.021	0.019	0.010	0.022	90
BE0014R	copper	pm10	6.82	5.27	4.25	3.76	4.16	4.03	3.05	3.36	4.51	3.35	4.58	2.44	4.13	96
CY0002R	copper	pm10	0.74	1.64	1.47	2.06	1.80	1.75	2.52	2.65	3.22	3.32	3.88	4.44	2.49	97
CZ0003R	copper	pm10	2.34	1.54	1.44	1.31	1.07	1.83	1.28	1.39	1.12	1.22	1.00	1.05	1.37	46
CZ0003R	copper	pm25	1.95	0.90	0.72	0.65	0.49	0.66	0.50	0.49	0.53	0.36	0.60	0.68	0.72	45
CZ0005R	copper	pm10	0.58	0.56	1.23	1.22	0.88	0.99	1.02	1.10	0.68	0.65	0.26	0.58	0.80	46
DE0001R	copper	pm10	2.48	2.02	1.73	1.10	1.85	1.42	1.50	1.44	2.16	1.65	1.53	1.13	1.67	100
DE0002R	copper	pm10	4.86	3.23	2.63	1.56	1.86	1.86	1.48	1.71	2.37	2.39	3.27	2.35	2.46	100
DE0003R	copper	pm10	0.47	0.76	1.65	1.90	1.80	1.83	1.39	1.58	1.35	0.97	0.46	0.29	1.21	100
DE0007R	copper	pm10	2.80	2.72	1.46	0.98	1.22	1.12	1.00	1.58	1.73	1.93	1.65	1.62	1.65	100
DE0008R	copper	pm10	1.48	1.50	1.69	2.48	1.93	1.84	1.56	1.60	4.23	1.51	0.73	1.05	1.80	100
DE0009R	copper	pm10	2.13	2.58	1.66	1.05	1.25	1.05	0.90	1.33	1.67	1.73	1.63	1.08	1.50	98
ES0009R	copper	pm10	2.09	1.84	3.39	2.78	1.80	2.92	2.50	2.78	1.96	3.16	2.95	1.37	2.46	16
ES0014R	copper	pm10	-	-	2.40	2.96	3.49	2.95	3.61	2.54	4.78	4.49	7.49	3.33	3.82	14
FI0018R	copper	pm10	0.60	0.49	0.39	0.42	0.51	0.57	0.60	0.64	0.57	0.47	0.56	0.40	0.52	100
FI0036R	copper	pm10	0.19	0.34	0.21	0.50	0.35	0.77	0.39	0.36	0.51	0.41	0.33	0.15	0.37	100

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017	
															Avg	Capture
FI0050R	copper	pm10	0.44	0.38	0.34	0.56	0.42	0.40	0.38	0.48	0.50	0.31	0.37	0.39	0.41	94
GB0013R	copper	pm10	1.94	1.45	1.13	1.03	1.18	0.89	1.01	0.65	0.70	0.92	0.87	0.57	1.03	100
GB0017R	copper	pm10	2.47	2.05	2.35	1.64	1.71	1.91	1.72	2.30	2.02	3.42	3.19	1.92	2.23	100
GB0048R	copper	pm10	0.79	1.12	0.81	0.93	1.22	1.09	1.36	0.65	0.64	0.91	0.74	0.51	0.90	100
GB1055R	copper	pm10	4.38	2.95	2.34	2.75	2.86	1.85	1.77	1.31	1.72	3.12	3.34	1.72	2.51	100
IS0091R	copper	aerosol	0.28	0.24	0.31	0.81	1.11	0.58	0.33	0.81	0.28	0.26	0.51	0.75	0.50	88
IT0019R	copper	pm10	-	1.31	3.04	2.49	4.20	8.19	5.08	5.53	1.22	4.16	2.03	-	4.16	19
NO0002R	copper	pm10	0.55	0.30	0.25	0.38	0.36	0.19	0.25	0.34	0.41	0.44	0.09	0.09	0.31	94
NO0042G	copper	aerosol	0.34	0.39	1.00	0.39	0.19	0.05	0.14	0.05	0.09	0.19	0.20	0.19	0.28	23
NO0090R	copper	aerosol	0.32	0.61	0.37	0.82	0.43	0.41	0.67	0.21	0.87	0.97	0.13	0.08	0.51	27
PL0005R	copper	pm10	3.61	1.83	2.33	1.98	1.41	1.36	1.30	1.34	4.74	4.85	0.80	1.21	2.23	85
SE0005R	copper	aerosol	0.09	0.17	0.08	0.22	0.13	0.17	0.17	0.18	0.28	0.07	0.06	0.06	0.14	98
SE0012R	copper	aerosol	0.90	0.75	0.41	0.47	0.65	0.46	0.51	0.70	1.10	0.37	0.92	0.68	0.68	91
SE0014R	copper	aerosol	0.98	1.18	0.90	0.62	0.89	0.55	0.55	0.83	0.90	0.56	0.74	0.58	0.76	87
SE0020R	copper	aerosol	1.10	0.99	1.40	0.88	0.89	0.86	0.97	1.30	0.97	1.00	1.66	0.72	1.06	90
SI0008R	copper	pm10	1.49	1.12	1.44	1.34	0.79	1.04	1.12	1.04	1.26	1.92	1.07	0.80	1.21	50
SK0002R	copper	aerosol	0.29	0.26	0.51	0.27	0.27	1.11	1.44	1.40	0.34	0.74	0.39	0.32	0.66	80
SK0004R	copper	pm10	1.03	0.60	1.28	1.44	1.28	1.49	1.78	1.58	1.49	1.13	1.49	1.19	1.36	66
SK0006R	copper	pm10	-	-	-	-	-	-	-	1.59	1.18	0.80	0.92	1.28	-	-
SK0007R	copper	pm10	2.76	1.56	2.76	2.01	1.98	2.17	1.86	2.39	1.72	2.42	2.22	1.99	2.12	78
CY0002R	iron	pm10	102	331	427	430	506	260	492	422	496	443	1022	672	472	97
CZ0003R	iron	pm10	60	93	89	80	109	112	89	138	97	74	56	29	86	50
CZ0003R	iron	pm25	30	35	23	22	25	27	31	38	27	23	19	9	26	50
CZ0005R	iron	pm10	16	36	43	74	71	97	75	117	46	58	35	10	56	50
DE0001R	iron	pm10	75	63	57	43	83	57	48	50	84	62	41	23	57	100
DE0002R	iron	pm10	108	111	87	72	81	84	56	79	102	98	81	49	84	100
DE0003R	iron	pm10	17	40	61	87	55	89	83	103	53	74	44	4	59	100
DE0007R	iron	pm10	55	83	47	41	60	48	35	65	78	70	55	33	56	100
DE0008R	iron	pm10	27	42	57	83	74	85	71	78	62	55	25	7	56	100
DE0009R	iron	pm10	52	65	48	38	58	42	31	52	87	64	44	26	50	100
FI0018R	iron	pm10	19	18	26	54	91	112	149	77	37	27	24	19	55	100
FI0036R	iron	pm10	7	6	8	10	12	13	10	8	15	6	4	6	9	100
FI0050R	iron	pm10	10	14	18	29	46	24	17	23	19	13	10	8	20	94
GB0048R	iron	pm10	44	33	33	64	101	27	29	22	19	20	23	16	36	100
GB1055R	iron	pm10	113	90	96	142	109	86	65	44	65	84	80	52	85	100
IS0002R	iron	aerosol	10	7	38	86	254	201	242	573	71	39	47	18	123	96
IS0091R	iron	aerosol	123	108	224	760	798	580	91	534	128	121	556	212	334	88
IT0019R	iron	pm10	-	95	65	55	28	136	136	457	74	130	37	-	132	19
IT0019R	lanthanum	pm10	-	0.11	0.04	0.04	0.03	0.16	0.12	0.52	0.05	0.10	0.02	-	0.13	19
BE0014R	lead	pm10	12.1	9.1	5.3	5.2	3.9	4.9	3.0	3.7	4.4	3.0	5.7	3.4	5.3	96
CY0002R	lead	pm10	5.7	7.8	4.3	6.2	2.5	2.2	3.1	4.8	2.6	4.9	10.4	12.5	5.5	97
CZ0003R	lead	pm10	5.9	5.7	2.5	2.3	3.2	1.7	1.4	2.6	3.1	1.8	2.4	1.3	2.8	50
CZ0003R	lead	pm25	5.7	5.4	2.2	2.0	2.7	1.4	1.2	1.8	2.6	1.7	2.3	1.1	2.5	50
CZ0005R	lead	pm10	2.02	4.54	1.38	1.30	1.67	1.15	0.75	0.96	1.59	0.85	0.77	0.56	1.44	50
DE0001R	lead	pm10	2.84	4.72	2.01	0.90	1.38	1.16	0.56	1.02	2.90	2.11	1.15	0.89	1.78	100

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017	
															Avg	Capture
DE0002R	lead	pm10	7.55	9.16	3.84	1.68	3.08	1.74	1.19	2.03	3.49	3.03	3.40	1.93	3.47	100
DE0003R	lead	pm10	0.91	0.86	1.53	1.75	1.90	1.20	0.82	1.01	1.05	1.07	0.79	0.33	1.10	100
DE0007R	lead	pm10	6.44	10.69	2.63	1.45	2.35	1.20	1.37	2.04	3.55	3.43	2.87	1.65	3.26	100
DE0008R	lead	pm10	1.86	3.79	1.63	2.17	1.74	1.37	1.12	1.33	1.49	1.33	1.45	0.87	1.66	100
DE0009R	lead	pm10	5.40	9.36	2.51	1.06	1.67	1.07	0.91	1.20	3.36	2.87	2.03	1.46	2.70	100
DK0008R	lead	aerosol	2.38	3.10	0.91	0.54	1.07	0.74	0.40	0.80	2.11	0.69	0.76	0.55	1.16	98
DK0010G	lead	aerosol	0.60	0.82	0.46	0.24	0.09	0.04	0.02	0.01	0.04	0.03	0.11	0.07	0.20	90
DK0012R	lead	aerosol	2.84	4.34	1.56	0.74	1.56	1.16	0.77	1.18	2.98	1.60	1.34	0.92	1.72	97
EE0009R	lead	pm10	1.12	1.22	0.72	0.66	0.87	0.98	0.48	0.59	1.65	0.99	1.04	0.99	0.92	96
ES0001R	lead	pm10	1.37	1.57	1.42	1.46	1.55	1.03	0.79	0.92	0.96	1.49	4.05	0.61	1.44	16
ES0007R	lead	pm10	0.72	1.68	1.54	1.63	1.34	1.38	1.13	1.27	1.37	1.44	3.13	0.86	1.46	16
ES0008R	lead	pm10	8.84	2.57	8.97	1.88	4.57	2.97	2.84	2.52	2.03	2.31	5.50	1.20	3.85	16
ES0009R	lead	pm10	0.73	1.21	1.18	1.14	0.70	0.83	0.78	0.80	0.62	0.95	1.72	0.25	0.91	16
ES0014R	lead	pm10	1.02	1.40	1.87	1.16	0.77	1.10	1.43	0.83	0.49	1.27	2.09	0.97	1.19	16
FI0018R	lead	pm10	1.29	1.24	0.97	0.68	0.75	1.01	0.73	0.97	1.11	1.18	1.58	1.05	1.05	100
FI0036R	lead	pm10	0.91	0.43	0.42	0.37	0.26	0.52	0.31	0.58	0.57	0.32	0.42	0.32	0.45	100
FI0050R	lead	pm10	1.37	1.00	0.78	0.64	0.50	0.62	0.32	0.58	1.01	0.81	0.72	0.83	0.74	94
FR0009R	lead	pm10	4.55	4.47	3.48	4.55	3.30	2.76	3.39	1.93	3.06	4.24	4.87	1.92	3.64	92
FR0013R	lead	pm10	2.73	1.85	0.91	2.13	0.94	0.94	1.05	0.77	1.19	1.92	2.88	1.07	1.49	89
FR0023R	lead	pm10	1.73	1.33	1.59	1.60	1.05	1.37	1.19	1.07	1.08	1.98	1.59	0.84	1.37	100
FR0024R	lead	pm10	3.72	2.48	1.84	2.41	1.33	1.15	0.80	0.84	1.43	1.63	2.13	1.34	1.75	100
FR0025R	lead	pm10	3.73	2.29	2.23	1.97	1.19	1.10	0.85	0.93	1.14	2.03	2.55	1.46	1.80	96
GB0013R	lead	pm10	2.93	2.10	1.99	2.27	1.77	0.92	1.10	0.90	1.07	1.60	1.83	1.13	1.63	100
GB0017R	lead	pm10	5.58	4.54	4.20	3.77	2.69	3.15	2.39	2.70	3.41	6.01	5.94	3.66	4.00	100
GB0048R	lead	pm10	1.74	1.83	1.07	1.18	1.20	0.50	0.79	0.53	0.77	1.16	1.01	0.75	1.04	100
GB1055R	lead	pm10	7.98	4.89	3.26	3.97	3.34	2.13	2.33	1.99	2.41	5.01	5.76	3.02	3.84	100
HU0002R	lead	aerosol	11.28	8.65	8.26	5.81	5.65	3.57	4.19	5.84	6.93	8.85	9.96	5.39	6.96	94
IS0091R	lead	aerosol	0.07	0.10	0.10	0.20	0.52	0.08	0.05	0.08	0.04	0.08	0.09	0.12	0.11	88
IT0019R	lead	pm10	-	0.80	1.52	1.22	0.76	1.23	1.38	2.06	1.32	2.25	0.80	-	1.46	19
LV0010R	lead	pm10	1.03	0.57	0.37	1.07	1.99	0.07	0.78	1.36	2.38	0.83	0.52	0.64	0.97	52
NL0008R	lead	pm10	7.02	7.76	3.88	2.87	3.01	3.09	2.51	3.42	3.98	3.27	4.86	4.06	4.16	44
NL0644R	lead	pm25	8.60	7.46	3.04	2.75	2.46	2.26	3.10	2.52	5.32	8.96	6.39	4.73	4.67	23
NO0002R	lead	pm10	1.09	0.78	0.54	0.46	0.59	0.29	0.28	0.32	1.00	0.68	0.15	0.12	0.54	94
NO0042G	lead	aerosol	0.39	0.50	0.37	0.98	0.13	0.06	0.00	0.05	0.05	0.29	0.14	0.21	0.28	23
NO0090R	lead	aerosol	0.09	0.20	0.12	0.27	0.13	0.80	0.22	0.05	0.88	0.19	0.11	0.05	0.22	27
PL0005R	lead	pm10	6.28	5.13	2.94	1.26	1.06	0.53	0.33	0.89	2.95	2.59	4.30	3.68	2.64	85
PL0009R	lead	pm10	11.88	8.96	4.07	1.86	1.87	1.42	0.95	2.69	3.95	3.15	4.02	3.65	4.15	79
SE0005R	lead	aerosol	0.18	0.24	0.43	0.27	0.22	0.16	0.12	0.16	0.59	0.21	0.10	0.09	0.23	98
SE0012R	lead	aerosol	1.71	1.95	0.63	0.51	0.61	0.38	0.29	0.55	1.80	0.39	0.91	0.58	0.89	91
SE0014R	lead	aerosol	2.59	2.86	1.10	0.49	1.14	0.55	0.32	0.72	1.80	0.56	0.55	0.40	1.04	87
SE0020R	lead	aerosol	2.60	1.76	1.30	0.68	0.95	0.67	0.71	1.10	2.09	1.01	1.03	0.59	1.19	90
SI0008R	lead	pm10	2.84	4.17	2.44	1.63	1.43	1.23	1.10	1.28	1.38	2.01	1.43	0.89	1.81	50
SK0002R	lead	aerosol	0.28	0.54	1.10	1.16	1.72	2.25	2.02	2.27	1.00	2.65	0.33	0.34	1.32	80
SK0004R	lead	pm10	3.13	1.24	3.76	3.23	3.79	3.38	3.47	3.18	5.84	4.50	3.37	2.72	3.68	66
SK0006R	lead	pm10	-	-	-	-	-	-	-	3.46	3.18	3.40	4.11	5.50	-	-
SK0007R	lead	pm10	10.22	5.57	9.89	5.67	7.49	5.45	5.00	5.36	6.28	4.58	6.07	5.50	6.13	78
BE0014R	manganese	pm10	14.43	8.79	6.66	14.36	5.72	15.30	7.51	9.57	5.79	6.24	4.59	4.64	8.62	96

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017	
															Avg	Capture
CY0002R	manganese	pm10	1.95	6.48	7.69	8.31	9.72	5.79	10.60	9.87	9.23	8.14	16.92	12.37	9.03	97
CZ0003R	manganese	pm10	3.20	4.84	3.56	2.62	3.17	3.38	2.95	3.64	3.31	3.58	2.84	2.35	3.28	50
CZ0003R	manganese	pm25	1.86	2.59	1.83	1.25	1.27	1.42	1.43	1.41	1.52	2.01	1.60	1.47	1.63	50
CZ0005R	manganese	pm10	0.59	1.00	1.28	1.45	1.89	2.64	1.74	2.29	1.37	1.38	0.81	0.33	1.40	50
DE0001R	manganese	pm10	1.75	2.00	1.53	1.20	2.48	1.96	1.41	1.36	2.09	1.45	0.89	0.57	1.55	100
DE0002R	manganese	pm10	3.43	3.44	2.48	2.07	2.51	2.27	1.69	2.28	2.77	2.37	2.08	1.35	2.39	100
DE0003R	manganese	pm10	0.48	0.93	1.72	2.36	1.39	2.18	1.74	2.04	1.86	1.56	1.02	0.13	1.46	98
DE0007R	manganese	pm10	1.86	3.07	1.53	1.38	2.23	1.65	1.26	2.12	2.45	2.04	1.60	0.95	1.84	100
DE0008R	manganese	pm10	1.00	1.42	1.62	2.17	2.00	2.35	1.75	1.90	1.51	1.28	0.68	0.27	1.49	100
DE0009R	manganese	pm10	1.77	2.42	1.44	1.12	1.82	1.44	1.05	1.70	2.51	1.79	1.20	0.83	1.58	100
FI0018R	manganese	pm10	0.66	0.89	0.72	1.06	1.69	1.91	2.40	1.74	1.12	0.91	0.82	0.59	1.21	100
FI0036R	manganese	pm10	0.28	0.18	0.21	0.23	0.29	0.35	0.44	0.32	0.47	0.21	0.09	0.14	0.27	100
FI0050R	manganese	pm10	0.53	0.69	0.67	0.81	1.16	0.87	0.83	1.00	0.91	0.77	0.58	0.51	0.79	94
GB0048R	manganese	pm10	0.97	0.79	0.67	1.46	2.42	0.99	1.11	0.83	0.73	0.78	0.61	0.46	0.99	100
GB1055R	manganese	pm10	2.17	1.73	1.80	3.39	3.14	2.48	2.16	1.43	1.79	2.03	1.79	1.34	2.11	100
IS0091R	manganese	aerosol	2.08	1.86	4.02	12.51	14.16	11.24	2.19	8.85	2.38	2.22	8.04	3.35	5.65	88
IT0019R	manganese	pm10	-	2.16	1.98	1.57	0.89	4.04	3.90	11.07	2.48	4.11	1.48	-	3.69	19
NO0042G	manganese	aerosol	1.00	0.89	0.50	0.96	0.64	0.23	0.61	0.34	0.38	0.61	2.25	1.70	0.86	23
NO0090R	manganese	aerosol	0.31	0.44	0.32	0.63	0.90	0.87	0.48	0.35	1.67	0.43	0.10	0.12	0.54	27
SE0005R	manganese	aerosol	0.24	0.25	0.47	0.46	0.55	0.53	0.59	0.54	0.81	0.27	0.22	0.17	0.43	98
SE0012R	manganese	aerosol	1.79	1.49	1.10	1.26	1.87	1.60	1.02	1.15	2.60	0.62	1.34	1.00	1.45	91
SE0014R	manganese	aerosol	1.19	1.65	1.00	0.98	1.94	1.40	0.90	1.06	1.90	0.76	0.76	0.46	1.19	87
SE0020R	manganese	aerosol	0.80	0.85	1.25	1.31	2.13	1.47	1.43	1.80	2.52	1.14	0.94	0.61	1.40	90
DE0002R	mercury	air	1.61	1.88	1.62	1.55	1.44	1.51	1.57	1.63	1.55	1.48	1.52	1.43	1.57	96
DE0003R	mercury	air	1.56	1.53	1.41	1.37	1.33	1.33	1.22	1.14	1.31	1.22	1.23	1.25	1.33	95
DE0008R	mercury	air	1.59	1.74	1.62	1.58	1.56	1.38	1.40	1.43	1.41	1.39	1.44	1.45	1.50	100
DE0009R	mercury	air	1.63	1.75	1.63	1.46	1.48	1.44	1.33	1.37	1.40	1.45	1.42	1.43	1.48	99
DK0010G	mercury	air	0.97	0.86	0.77	0.75	0.53	-	-	0.96	0.84	1.06	-	0.82	0.81	44
EE0009R	mercury	air	1.23	1.28	1.25	1.21	1.18	1.17	1.10	1.14	1.27	1.05	1.05	1.06	1.17	98
ES0008R	mercury	air	-	-	-	-	-	-	0.58	0.64	0.56	0.53	0.54	0.54	-	-
FI0036R	mercury	air+aerosol	1.50	1.64	1.74	1.36	1.10	1.32	1.30	1.32	1.14	1.13	1.48	1.36	1.35	23
FI0036R	mercury	aerosol	1.75	0.84	1.01	1.28	0.80	2.70	4.31	1.97	1.78	0.73	0.46	0.93	1.57	94
GB0048R	mercury	air	-	-	-	1.41	1.54	1.45	1.40	1.32	1.36	1.35	1.29	1.29	1.37	54
GB0048R	mercury	pm25	-	-	-	-	-	-	-	-	3.10	-	-	-	-	-
GB1055R	mercury	air	1.59	1.53	1.45	1.38	1.46	1.38	1.34	1.34	1.35	1.29	1.31	-	1.41	70
IS0091R	mercury	aerosol	2.78	2.73	1.84	1.35	1.49	6.61	6.47	6.15	1.94	0.87	0.98	1.05	2.62	88
NO0002R	mercury	air	1.63	1.66	1.57	1.48	1.61	1.58	1.51	1.40	1.31	1.28	1.24	1.27	1.45	92
NO0042G	mercury	air	1.55	1.58	1.34	1.50	1.07	1.60	1.53	1.47	1.40	1.31	1.38	1.43	1.43	96
NO0090R	mercury	air	1.49	1.50	1.51	1.42	1.45	1.42	1.38	1.35	1.28	1.34	1.34	1.39	1.40	95
PL0005R	mercury	air	1.20	1.70	1.10	1.20	0.95	0.98	1.37	1.15	0.85	0.58	1.38	0.55	1.07	14
RU0002R	mercury	air	1.12	1.06	0.95	-	-	-	-	-	-	-	-	-	-	-
SE0005R	mercury	air+aerosol	1.44	1.68	1.48	1.55	1.20	1.23	1.22	1.22	1.40	1.35	1.38	1.38	1.37	13
SE0014R	mercury	air+aerosol	1.43	1.55	1.36	1.43	1.35	1.24	1.29	1.33	1.33	1.34	1.32	1.30	1.35	28
SE0014R	mercury	aerosol	3.24	6.27	3.70	3.16	8.21	6.40	4.72	4.51	6.91	2.76	4.14	2.17	4.70	27
SE0020R	mercury	air+aerosol	1.39	1.39	1.30	1.15	1.46	1.33	1.30	1.35	1.40	1.32	1.33	1.35	1.34	14
SI0008R	mercury	air	-	-	-	-	-	1.46	0.62	1.06	-	-	1.50	1.17	-	-

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017	
															Avg	Capture
DE0001R	molybdenum	pm10	0.22	0.17	0.13	0.08	0.13	0.11	0.07	0.08	0.12	0.12	0.11	0.08	0.12	100
DE0002R	molybdenum	pm10	0.39	0.35	0.27	0.17	0.16	0.15	0.14	0.17	0.28	0.31	0.36	0.18	0.24	100
DE0003R	molybdenum	pm10	0.05	0.06	0.14	0.17	0.15	0.13	0.08	0.09	0.11	0.10	0.06	0.03	0.10	100
DE0007R	molybdenum	pm10	0.23	0.23	0.11	0.08	0.11	0.09	0.07	0.12	0.14	0.21	0.21	0.11	0.14	100
DE0008R	molybdenum	pm10	0.11	0.17	0.17	0.21	0.17	0.18	0.16	0.14	0.14	0.13	0.12	0.06	0.15	100
DE0009R	molybdenum	pm10	0.18	0.19	0.11	0.06	0.08	0.08	0.05	0.09	0.13	0.14	0.13	0.09	0.11	100
IT0019R	molybdenum	pm10	-	0.25	0.25	0.25	0.25	0.25	0.25	0.33	0.41	0.38	0.25	-	0.30	19
BE0014R	nickel	pm10	3.87	2.28	2.07	2.40	1.72	3.01	2.85	4.76	3.29	3.44	1.62	1.83	2.78	96
CY0002R	nickel	pm10	0.01	0.52	0.54	2.18	4.13	4.02	5.31	5.21	3.02	2.56	3.18	3.71	2.93	97
CZ0003R	nickel	pm10	0.58	0.63	0.92	0.25	0.23	1.19	0.27	0.25	0.12	0.24	0.27	0.63	0.44	46
CZ0003R	nickel	pm25	0.43	0.61	0.55	0.17	0.25	0.57	0.40	0.29	0.29	0.68	0.39	0.67	0.44	45
CZ0005R	nickel	pm10	0.17	0.12	0.20	0.30	0.16	0.04	0.54	0.40	0.15	0.19	0.19	0.33	0.25	46
DE0001R	nickel	pm10	0.44	0.64	0.58	0.42	0.59	0.62	0.43	0.33	1.01	0.65	0.30	0.30	0.52	100
DE0002R	nickel	pm10	0.47	0.45	0.41	0.31	0.34	0.26	0.21	0.23	0.53	0.41	0.65	0.32	0.38	98
DE0003R	nickel	pm10	0.06	0.15	0.17	0.26	0.20	0.23	0.20	0.27	0.40	0.46	0.09	0.05	0.21	100
DE0007R	nickel	pm10	0.23	0.46	0.09	0.17	0.21	0.24	0.10	0.38	0.38	0.22	0.34	0.12	0.24	98
DE0008R	nickel	pm10	0.17	0.25	0.21	0.34	0.26	0.34	0.18	0.20	0.83	0.42	0.23	0.19	0.30	100
DE0009R	nickel	pm10	0.70	1.43	0.84	0.62	1.04	0.65	0.66	0.69	0.79	0.66	0.65	0.97	0.81	100
DK0008R	nickel	aerosol	0.24	0.46	0.61	0.41	1.09	0.67	0.48	0.40	0.34	0.12	0.26	0.58	0.48	98
DK0010G	nickel	aerosol	0.05	0.05	0.06	0.07	0.12	0.04	0.04	0.01	0.16	0.08	0.03	0.04	0.06	90
DK0012R	nickel	aerosol	0.99	0.67	0.48	0.73	0.72	0.48	0.51	0.61	0.53	0.58	0.53	0.24	0.59	97
EE0009R	nickel	pm10	0.57	0.40	0.15	0.25	0.27	0.60	0.34	0.22	1.62	0.11	0.17	0.32	0.38	96
ES0001R	nickel	pm10	0.51	1.28	0.39	0.90	0.70	0.67	0.55	0.56	0.74	0.65	0.83	0.75	0.71	16
ES0007R	nickel	pm10	1.30	2.33	1.66	1.41	1.67	1.67	1.96	1.58	1.67	1.17	1.44	2.60	1.71	16
ES0008R	nickel	pm10	0.68	0.55	1.08	0.50	0.79	0.70	0.62	0.47	0.55	0.67	0.70	0.40	0.64	16
ES0009R	nickel	pm10	0.37	1.45	0.31	0.61	0.48	0.38	0.51	0.42	0.49	0.45	0.58	0.40	0.54	16
ES0014R	nickel	pm10	0.48	0.65	0.48	1.07	0.69	0.76	1.04	0.65	0.76	0.82	0.63	0.35	0.71	16
FI0018R	nickel	pm10	0.30	0.37	0.33	0.06	0.37	0.41	0.33	0.36	0.19	0.19	0.31	0.16	0.28	100
FI0036R	nickel	pm10	0.10	0.25	0.16	0.46	0.20	0.59	0.29	0.19	0.30	0.18	0.21	0.06	0.25	100
FI0050R	nickel	pm10	0.18	0.22	0.23	0.29	0.15	0.19	0.13	0.19	0.17	0.12	0.13	0.13	0.18	94
FR0009R	nickel	pm10	0.50	0.90	0.68	1.00	0.52	0.50	0.47	0.33	0.47	0.77	0.83	0.95	0.66	83
FR0013R	nickel	pm10	0.27	0.38	0.31	0.37	0.31	0.50	0.56	0.76	0.52	0.67	0.38	0.14	0.44	89
FR0023R	nickel	pm10	0.13	0.26	0.33	0.33	0.44	0.59	0.50	0.63	0.71	0.60	0.26	0.16	0.41	100
FR0024R	nickel	pm10	0.75	0.60	0.82	1.33	0.89	1.73	1.24	0.95	1.15	0.98	0.99	1.01	1.05	96
FR0025R	nickel	pm10	0.67	0.43	0.42	0.47	0.55	0.46	0.41	0.29	0.55	0.53	0.38	0.20	0.45	88
GB0013R	nickel	pm10	0.69	0.73	0.40	0.32	0.60	0.44	0.51	0.44	0.47	0.47	0.35	0.24	0.47	100
GB0017R	nickel	pm10	1.06	0.56	0.66	0.55	0.89	0.86	0.69	0.48	0.52	0.62	0.42	0.31	0.64	100
GB0048R	nickel	pm10	0.12	0.31	0.25	0.21	0.43	0.18	0.33	0.28	0.16	0.13	0.13	0.11	0.22	100
GB1055R	nickel	pm10	1.08	0.84	1.09	0.51	1.07	0.54	0.59	0.39	0.43	0.50	0.40	0.24	0.64	100
IS0091R	nickel	aerosol	0.26	0.47	0.54	1.18	0.79	0.36	2.10	0.59	0.24	0.35	0.53	0.22	0.58	88
IT0019R	nickel	pm10	-	1.46	0.56	0.41	0.41	1.23	0.95	1.91	0.32	0.76	0.45	-	0.83	19
LV0010R	nickel	pm10	1.27	0.92	1.26	0.19	0.38	0.32	0.24	0.21	0.25	0.41	0.07	0.12	0.47	52
NL0008R	nickel	pm10	0.96	0.87	1.12	0.70	0.96	0.79	0.70	1.13	0.98	0.64	0.96	1.07	0.92	44
NL0644R	nickel	pm25	2.52	1.71	0.59	0.42	1.00	0.63	0.75	0.57	0.45	0.51	0.72	0.65	0.84	22
NO0002R	nickel	pm10	0.17	0.15	0.15	0.16	0.24	0.14	0.20	0.18	0.20	0.14	0.05	0.05	0.15	94
NO0042G	nickel	aerosol	0.19	0.25	0.96	0.34	0.32	0.04	0.02	0.08	0.10	0.72	0.58	0.33	0.36	23
NO0090R	nickel	aerosol	0.09	0.12	0.07	0.37	0.21	0.16	0.22	0.22	0.20	0.15	0.22	0.15	0.18	27

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017	
															Avg	Capture
PL0005R	nickel	pm10	0.30	0.35	0.29	0.24	0.31	0.16	0.10	0.09	0.31	0.35	0.56	0.41	0.29	85
PL0009R	nickel	pm10	0.51	0.65	0.52	0.73	0.29	1.18	1.08	1.05	0.95	0.34	0.94	1.00	0.77	79
SE0005R	nickel	aerosol	0.09	0.07	0.09	0.10	0.08	0.12	0.11	0.11	0.11	0.10	0.10	0.10	0.10	98
SE0012R	nickel	aerosol	0.30	0.25	0.20	0.23	0.27	0.26	0.27	0.27	0.31	0.16	0.48	0.35	0.28	91
SE0014R	nickel	aerosol	0.43	0.49	0.58	0.37	0.67	0.46	0.39	0.34	0.27	0.25	0.20	0.23	0.39	87
SE0020R	nickel	aerosol	0.15	0.18	0.20	0.24	0.27	0.26	0.30	0.37	0.27	0.26	0.27	0.27	0.26	90
SI0008R	nickel	pm10	0.57	0.67	0.76	0.52	0.41	0.57	0.51	0.44	0.32	0.54	0.32	0.45	0.50	50
SK0002R	nickel	aerosol	0.35	0.22	0.24	1.00	1.00	0.65	0.53	0.39	1.00	0.88	0.24	0.32	0.54	80
SK0004R	nickel	pm10	0.36	0.15	0.22	0.32	0.27	0.22	0.18	0.28	0.08	0.08	0.21	0.23	0.23	39
SK0006R	nickel	pm10	-	-	-	-	-	-	-	0.25	0.07	-	0.26	0.40	-	-
SK0007R	nickel	pm10	1.90	0.37	0.53	0.44	0.26	0.31	0.44	0.02	0.17	0.33	0.35	0.39	0.40	60
CZ0003R	selenium	pm10	0.44	0.41	0.31	0.31	0.33	0.32	0.24	0.22	0.33	0.18	0.22	0.13	0.29	50
CZ0003R	selenium	pm25	0.43	0.38	0.25	0.33	0.43	0.31	0.25	0.25	0.28	0.24	0.26	0.15	0.30	50
CZ0005R	selenium	pm10	0.10	0.18	0.13	0.16	0.22	0.19	0.11	0.19	0.12	0.11	0.07	0.05	0.13	50
DE0001R	selenium	pm10	0.52	0.60	0.46	0.34	0.53	0.59	0.38	0.38	0.48	0.42	0.26	0.21	0.43	100
DE0002R	selenium	pm10	0.86	0.92	0.44	0.34	0.54	0.48	0.39	0.48	0.60	0.49	0.47	0.29	0.52	100
DE0003R	selenium	pm10	0.15	0.10	0.16	0.23	0.17	0.23	0.18	0.19	0.19	0.11	0.07	0.05	0.15	100
DE0007R	selenium	pm10	0.81	0.98	0.36	0.26	0.41	0.35	0.32	0.46	0.44	0.48	0.37	0.25	0.45	100
DE0008R	selenium	pm10	0.55	0.56	0.33	0.42	0.47	0.44	0.42	0.38	0.39	0.31	0.25	0.28	0.40	100
DE0009R	selenium	pm10	0.61	0.75	0.38	0.27	0.37	0.39	0.29	0.39	0.44	0.40	0.31	0.23	0.40	100
GB0048R	selenium	pm10	0.23	0.26	0.25	0.31	0.43	0.24	0.29	0.26	0.23	0.21	0.21	0.19	0.26	100
GB1055R	selenium	pm10	0.48	0.40	0.35	0.43	0.47	0.51	0.40	0.39	0.41	0.49	0.46	0.39	0.43	100
IT0019R	strontium	pm10	-	1.90	0.66	0.76	0.50	1.32	1.30	3.35	0.64	0.93	0.50	-	1.16	19
DE0001R	thallium	pm10	0.019	0.040	0.013	0.006	0.010	0.009	0.004	0.007	0.016	0.012	0.009	0.007	0.013	100
DE0002R	thallium	pm10	0.033	0.084	0.016	0.012	0.014	0.010	0.008	0.012	0.024	0.017	0.022	0.013	0.022	100
DE0003R	thallium	pm10	0.008	0.005	0.007	0.007	0.010	0.006	0.005	0.007	0.005	0.005	0.004	0.002	0.006	100
DE0007R	thallium	pm10	0.046	0.104	0.014	0.006	0.015	0.007	0.006	0.011	0.023	0.020	0.017	0.009	0.023	100
DE0008R	thallium	pm10	0.016	0.035	0.011	0.013	0.017	0.009	0.008	0.009	0.008	0.010	0.008	0.006	0.012	100
DE0009R	thallium	pm10	0.038	0.098	0.013	0.005	0.011	0.006	0.005	0.007	0.016	0.014	0.011	0.007	0.019	100
IT0019R	tin	pm10	-	0.25	0.63	0.54	0.37	0.85	0.92	1.36	0.40	1.00	0.59	-	0.76	19
IT0019R	titanium	pm10	-	3.87	2.65	2.28	0.99	7.36	5.55	17.18	1.25	2.61	0.25	-	4.76	19
CY0002R	vanadium	pm10	1.09	2.64	2.90	2.87	3.94	2.98	3.44	4.03	3.96	2.69	3.99	3.91	3.23	97
CZ0003R	vanadium	pm10	0.44	0.43	0.29	0.26	0.35	0.40	0.32	0.47	0.26	0.24	0.22	0.11	0.31	50
CZ0003R	vanadium	pm25	0.34	0.29	0.15	0.16	0.19	0.20	0.21	0.27	0.12	0.15	0.15	0.08	0.19	50
CZ0005R	vanadium	pm10	0.09	0.17	0.12	0.16	0.24	0.34	0.26	0.45	0.13	0.25	0.17	0.04	0.20	50
DE0001R	vanadium	pm10	0.39	0.86	0.76	0.56	0.93	0.77	0.51	0.46	0.50	0.57	0.30	0.23	0.57	100
DE0002R	vanadium	pm10	0.31	0.51	0.31	0.31	0.41	0.36	0.28	0.32	0.30	0.36	0.28	0.18	0.33	100
DE0003R	vanadium	pm10	0.07	0.16	0.17	0.27	0.24	0.48	0.38	0.57	0.17	0.34	0.28	0.04	0.26	100
DE0007R	vanadium	pm10	0.27	0.55	0.28	0.27	0.37	0.31	0.25	0.39	0.31	0.35	0.26	0.16	0.31	100
DE0008R	vanadium	pm10	0.12	0.18	0.17	0.24	0.22	0.30	0.23	0.28	0.16	0.21	0.14	0.03	0.19	100
DE0009R	vanadium	pm10	0.86	0.83	1.81	1.27	2.37	1.31	1.55	1.55	0.86	0.81	0.56	0.47	1.19	100
FI0018R	vanadium	pm10	0.52	0.73	0.73	0.82	0.84	0.91	0.52	0.75	0.36	0.36	0.62	0.29	0.62	100

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017	
															Avg	Capture
FI0036R	vanadium	pm10	0.15	0.33	0.19	0.61	0.20	0.25	0.11	0.11	0.19	0.12	0.31	0.13	0.22	100
FI0050R	vanadium	pm10	0.23	0.28	0.33	0.48	0.25	0.19	0.19	0.31	0.24	0.15	0.15	0.18	0.25	94
GB0048R	vanadium	pm10	0.35	0.29	0.27	0.39	0.64	0.36	0.28	0.27	0.30	0.26	0.24	0.18	0.32	100
GB1055R	vanadium	pm10	0.54	0.59	0.76	0.72	1.04	0.96	0.64	0.64	0.66	0.91	0.63	0.44	0.71	100
IS0091R	vanadium	aerosol	0.42	0.57	1.44	2.43	2.76	1.97	0.38	1.72	0.49	0.46	1.42	0.65	1.16	88
IT0019R	vanadium	pm10	-	0.71	0.49	0.45	0.25	2.01	1.49	3.93	0.69	1.15	0.30	-	1.27	19
NO0002R	vanadium	pm10	0.26	0.22	0.24	0.21	0.34	0.20	0.30	0.21	0.21	0.15	0.04	0.03	0.20	94
NO0042G	vanadium	aerosol	0.07	0.09	0.05	0.15	0.05	0.02	0.02	0.01	0.04	0.11	0.27	0.19	0.09	23
NO0090R	vanadium	aerosol	0.09	0.12	0.06	0.34	0.11	0.16	0.19	0.08	0.24	0.09	0.10	0.05	0.13	27
SE0005R	vanadium	aerosol	0.04	0.09	0.09	0.17	0.10	0.11	0.09	0.06	0.15	0.04	0.05	0.02	0.08	98
SE0012R	vanadium	aerosol	0.37	0.48	0.36	0.49	0.57	0.51	0.45	0.48	0.53	0.12	0.26	0.16	0.41	91
SE0014R	vanadium	aerosol	0.81	0.94	1.10	0.70	1.45	0.94	0.81	0.56	0.44	0.45	0.34	0.36	0.73	87
SE0020R	vanadium	aerosol	0.25	0.36	0.58	0.48	0.56	0.60	0.72	0.81	0.48	0.40	0.40	0.24	0.50	90
BE0014R	zinc	pm10	38.0	37.3	32.2	21.4	17.4	31.0	18.9	18.2	19.6	12.6	14.9	9.3	22.4	96
CY0002R	zinc	pm10	58.2	12.6	11.7	14.5	9.6	11.7	14.3	18.6	17.9	15.3	29.0	22.4	19.3	97
CZ0003R	zinc	pm10	19.2	19.2	8.0	7.4	6.3	4.4	5.0	7.6	8.3	6.3	8.7	5.8	8.7	50
CZ0003R	zinc	pm25	17.4	15.5	6.1	6.7	6.8	2.9	3.5	5.6	6.6	5.9	8.8	5.6	7.6	50
CZ0005R	zinc	pm10	7.3	10.4	4.6	4.4	5.4	4.0	3.1	5.6	4.3	3.6	3.4	3.5	4.9	50
DE0001R	zinc	pm10	9.5	14.9	7.3	3.1	5.2	6.3	2.6	3.3	12.2	7.6	3.9	2.7	6.5	100
DE0002R	zinc	pm10	28.9	32.0	14.4	7.4	11.4	7.8	5.7	6.9	12.4	11.0	13.3	9.0	13.2	100
DE0003R	zinc	pm10	4.5	3.3	6.6	6.0	3.7	6.0	3.7	3.5	5.5	3.5	2.1	1.2	4.1	100
DE0007R	zinc	pm10	18.5	27.9	9.2	5.7	6.5	5.9	3.5	5.8	11.4	11.2	10.3	6.4	10.1	100
DE0008R	zinc	pm10	8.7	11.0	5.9	7.9	6.0	5.3	4.5	4.5	8.1	5.1	3.8	2.1	6.0	100
DE0009R	zinc	pm10	15.3	24.9	7.9	3.2	4.7	3.6	3.1	4.1	12.9	10.2	7.6	6.3	8.5	100
ES0001R	zinc	pm10	5.1	8.1	6.0	6.8	4.6	4.2	5.9	6.6	4.5	6.4	7.7	4.7	5.9	16
ES0007R	zinc	pm10	4.1	8.6	5.7	7.0	6.4	5.0	6.0	5.3	5.8	6.3	5.9	7.5	6.2	16
ES0008R	zinc	pm10	35.0	23.3	57.8	17.3	24.7	23.8	14.1	6.1	11.3	9.9	15.6	9.0	20.6	16
ES0009R	zinc	pm10	3.1	5.7	6.6	5.7	6.1	5.0	5.0	5.6	4.2	6.7	5.7	4.0	5.3	16
ES0014R	zinc	pm10	4.3	5.5	7.5	3.8	4.6	2.7	3.5	3.4	2.2	4.9	11.5	3.9	4.7	16
FI0018R	zinc	pm10	5.3	7.0	4.1	3.0	3.7	4.0	3.5	3.6	3.8	5.2	6.2	4.7	4.5	100
FI0036R	zinc	pm10	2.3	1.4	1.2	0.9	0.7	1.1	1.0	0.9	1.6	1.0	0.7	1.3	1.2	100
FI0050R	zinc	pm10	5.3	6.2	4.1	3.2	2.7	2.9	1.8	2.9	4.3	4.3	3.9	4.2	3.7	94
GB0013R	zinc	pm10	6.4	5.5	5.2	4.2	4.6	3.0	3.0	2.0	3.0	3.1	3.4	3.5	3.9	100
GB0017R	zinc	pm10	12.8	12.5	19.5	7.7	6.4	8.1	5.9	6.6	9.2	14.4	11.7	9.9	10.4	100
GB0048R	zinc	pm10	4.0	4.5	2.8	3.4	4.0	1.6	2.3	1.1	1.6	3.3	2.8	1.3	2.7	100
GB1055R	zinc	pm10	16.1	10.6	7.7	9.0	11.0	5.5	5.1	4.3	6.9	9.8	11.0	7.3	8.7	100
IS0091R	zinc	aerosol	0.7	0.9	1.2	2.2	3.2	1.3	0.9	1.3	0.6	0.7	1.3	1.1	1.2	88
IT0019R	zinc	pm10	-	29.8	29.1	9.3	6.1	5.9	9.5	6.9	5.0	6.2	5.0	-	9.9	19
NL0008R	zinc	pm10	35.7	41.6	29.9	27.9	31.8	31.9	25.4	29.0	33.6	29.8	30.4	28.9	31.3	44
NL0644R	zinc	pm25	24.8	30.1	21.8	23.4	37.0	18.8	21.8	19.5	28.0	21.5	27.0	19.7	24.5	23
NO0002R	zinc	pm10	3.4	3.7	2.4	2.3	2.5	3.3	2.9	1.8	9.9	4.0	0.9	0.9	3.2	94
NO0042G	zinc	aerosol	2.5	2.0	1.3	2.3	0.6	0.1	2.0	2.3	1.9	2.1	1.4	0.8	1.6	23
NO0090R	zinc	aerosol	0.8	1.4	0.9	2.2	1.0	0.7	0.7	0.5	2.0	0.8	0.3	0.3	1.0	27
PL0005R	zinc	pm10	25.8	20.7	12.4	5.9	5.8	3.2	4.2	5.8	17.5	19.3	14.7	11.2	12.1	85
SE0005R	zinc	aerosol	0.9	0.8	1.0	1.0	0.9	0.6	0.5	1.0	2.0	0.9	0.9	0.4	0.9	98
SE0012R	zinc	aerosol	6.6	7.4	3.0	2.7	3.5	7.3	2.2	3.6	7.3	2.2	5.5	4.3	4.8	91
SE0014R	zinc	aerosol	9.1	10.6	6.0	3.2	4.7	2.4	1.7	3.5	8.0	2.8	3.6	2.4	4.6	87

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017	
															Avg	Capture
SE0020R	zinc	aerosol	7.2	5.9	5.6	4.1	3.5	3.0	3.4	5.0	8.4	4.9	5.1	3.5	4.9	90
SI0008R	zinc	pm10	10.9	9.8	8.1	4.7	3.8	4.0	3.8	3.4	5.8	9.9	3.2	3.2	6.0	50
SK0002R	zinc	aerosol	5.1	1.0	3.3	1.8	1.7	8.2	6.6	7.0	2.5	4.5	0.1	0.6	3.9	80
SK0004R	zinc	pm10	11.4	-	10.8	11.6	9.6	9.8	8.8	7.9	11.4	11.0	1.3	0.8	8.8	63
SK0006R	zinc	pm10	-	-	-	-	-	-	-	9.8	7.6	8.8	3.3	8.2	-	-
SK0007R	zinc	pm10	60.8	11.2	19.5	11.0	9.6	11.1	6.7	10.4	10.6	15.0	3.4	12.6	12.4	75

Annex 7

Monthly mean values on data for POPs in precipitation

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
BE0013R	anthracene	precip+dry_dep	11.5	10.1	5.9	17.9	20.2	3.4	2.2	1.0	7.4	6.3	13.2	19.5	9.9
BE0013R	benz_a_anthracene	precip+dry_dep	7.7	6.8	5.7	20.7	44.9	4.4	17.7	22.2	16.0	15.3	25.3	28.8	18.1
BE0013R	benzo_a_pyrene	precip+dry_dep	40.3	22.6	8.3	32.9	72.9	3.6	6.5	4.5	15.0	16.9	31.1	88.3	28.7
BE0013R	benzo_b_fluoranthene	precip+dry_dep	15.7	11.9	8.2	35.1	69.0	3.1	5.5	4.5	20.7	23.7	39.8	49.7	24.0
BE0013R	benzo_ghi_perylene	precip+dry_dep	7.7	8.4	5.9	19.5	28.7	2.6	18.4	23.1	10.3	9.6	29.3	26.1	15.9
BE0013R	benzo_k_fluoranthene	precip+dry_dep	7.7	6.8	4.1	17.7	35.2	2.1	3.4	2.1	10.0	11.8	19.9	24.8	12.2
BE0013R	chrysene	precip+dry_dep	32.0	19.0	14.9	49.2	118.3	8.2	31.9	39.4	30.5	27.4	57.8	89.7	43.5
BE0013R	dibenzo_ah_anthracene	precip+dry_dep	3.0	0.9	1.4	9.8	6.7	1.6	2.4	2.1	4.3	3.9	16.9	9.6	5.2
BE0013R	fluoranthene	precip+dry_dep	43.1	27.5	27.0	93.5	274.5	11.4	76.2	95.5	47.9	44.5	84.3	121.5	79.5
BE0013R	fluorene	precip+dry_dep	2.8	1.7	3.4	6.6	13.4	2.2	33.9	46.5	6.5	2.9	27.5	28.8	14.8
BE0013R	inden_123cd_pyrene	precip+dry_dep	6.3	6.7	5.7	17.8	27.4	2.1	3.4	2.9	8.8	8.5	30.1	26.4	12.2
BE0013R	naphthalene	precip+dry_dep	14.5	16.7	21.3	17.0	17.7	13.6	8.1	10.7	25.3	25.4	43.9	42.5	21.4
BE0013R	pyrene	precip+dry_dep	29.5	20.5	21.6	69.1	183.6	9.9	56.9	72.2	36.9	35.3	63.3	93.4	58.1
DE0001R	HCB	precip_tot	0.169	0.069	0.116	0.150	0.122	0.071	0.089	0.084	0.041	0.168	0.169	0.123	0.114
DE0001R	PCB_101	precip_tot	0.070	0.011	0.016	0.043	0.042	0.039	0.018	0.021	0.014	0.043	0.084	0.064	0.039
DE0001R	PCB_118	precip_tot	0.010	0.008	0.012	0.013	0.010	0.006	0.005	0.005	0.004	0.018	0.100	0.081	0.024
DE0001R	PCB_138	precip_tot	0.022	0.017	0.024	0.027	0.022	0.012	0.011	0.011	0.007	0.024	0.081	0.029	0.024
DE0001R	PCB_153	precip_tot	0.023	0.018	0.025	0.029	0.023	0.013	0.012	0.012	0.008	0.025	0.046	0.012	0.020
DE0001R	PCB_180	precip_tot	0.009	0.007	0.010	0.011	0.009	0.005	0.005	0.005	0.003	0.016	0.022	0.005	0.009
DE0001R	PCB_28	precip_tot	0.720	0.302	0.428	0.695	0.558	0.306	0.249	0.255	0.104	0.160	0.309	0.256	0.345
DE0001R	PCB_52	precip_tot	0.260	0.102	0.171	0.247	0.196	0.102	0.101	0.098	0.050	0.105	0.007	0.130	0.126
DE0001R	aldrin	precip_tot	0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.000	0.001	0.001	0.001	0.001
DE0001R	alpha_HCH	precip_tot	0.119	0.094	0.081	0.077	0.082	0.092	0.087	0.093	0.095	0.105	0.135	0.117	0.099
DE0001R	anthracene	precip_tot	0.344	0.349	0.149	0.624	0.711	0.851	0.064	0.063	0.082	0.851	1.208	0.901	0.499
DE0001R	benz_a_anthracene	precip_tot	1.558	1.999	1.080	1.981	3.133	5.129	0.767	0.954	0.404	0.981	1.763	1.547	1.649
DE0001R	benzo_a_pyrene	precip_tot	1.416	1.907	1.191	1.291	3.322	6.878	0.770	1.031	0.366	0.771	1.789	1.492	1.716
DE0001R	benzo_bjk_fluoranthenes	precip_tot	4.884	9.018	3.877	5.072	9.350	16.812	2.763	3.374	1.899	2.102	4.527	4.084	5.280
DE0001R	benzo_ghi_perylene	precip_tot	2.231	3.979	1.792	1.477	2.984	5.618	0.944	1.091	0.480	1.367	2.980	2.562	2.213
DE0001R	chrysene	precip_tot	5.100	6.025	2.518	2.998	4.940	8.325	1.832	1.987	1.092	2.730	4.607	3.755	3.705
DE0001R	dibenzo_ah_anthracene	precip_tot	0.535	0.792	0.327	0.504	0.775	1.243	0.177	0.211	0.102	0.248	0.639	0.512	0.478
DE0001R	dieldrin	precip_tot	0.067	0.057	0.040	0.052	0.051	0.049	0.041	0.044	0.035	0.006	0.085	0.003	0.043
DE0001R	endrin	precip_tot	0.004	0.003	0.004	0.005	0.004	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.003
DE0001R	fluoranthene	precip_tot	12.639	13.915	6.336	7.292	11.340	18.407	5.344	5.490	2.971	7.399	10.639	8.741	8.976
DE0001R	gamma_HCH	precip_tot	0.976	0.829	0.874	0.978	0.960	0.926	0.832	0.809	0.588	0.864	0.715	0.779	0.835
DE0001R	heptachlor	precip_tot	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001
DE0001R	inden_123cd_pyrene	precip_tot	2.134	4.212	1.907	2.097	3.490	5.907	0.880	1.091	0.531	1.354	2.870	2.537	2.304
DE0001R	op_DDD	precip_tot	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001
DE0001R	op_DDE	precip_tot	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001
DE0001R	op_DDT	precip_tot	0.003	0.003	0.004	0.004	0.003	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.002
DE0001R	phenanthrene	precip_tot	19.471	15.438	11.233	16.247	16.832	17.665	7.935	7.036	4.874	19.331	26.915	23.066	15.378
DE0001R	pp_DDD	precip_tot	0.002	0.002	0.003	0.020	0.013	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003
DE0001R	pp_DDE	precip_tot	0.020	0.008	0.016	0.016	0.056	0.126	0.020	0.002	0.003	0.029	0.044	0.026	0.028
DE0001R	pp_DDT	precip_tot	0.004	0.003	0.004	0.005	0.004	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.003
DE0001R	pyrene	precip_tot	7.607	8.150	4.844	4.844	8.415	14.650	3.176	3.190	1.692	4.788	7.715	5.563	6.001
DE0002R	HCB	precip_tot	0.052	0.014	0.009	0.013	0.045	0.049	0.021	0.009	0.033	0.046	0.057	0.056	0.034
DE0002R	PCB_101	precip_tot	0.011	0.016	0.011	0.016	0.041	0.035	0.004	0.010	0.012	0.009	0.010	0.010	0.015
DE0002R	PCB_118	precip_tot	0.009	0.012	0.009	0.012	0.004	0.004	0.003	0.007	0.009	0.007	0.007	0.008	0.008

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
DE0002R	PCB_138	precip_tot	0.018	0.026	0.018	0.026	0.025	0.007	0.006	0.016	0.020	0.014	0.016	0.016	0.017
DE0002R	PCB_153	precip_tot	0.019	0.027	0.019	0.027	0.019	0.008	0.006	0.017	0.021	0.015	0.016	0.017	0.018
DE0002R	PCB_180	precip_tot	0.007	0.010	0.007	0.010	0.008	0.003	0.002	0.006	0.008	0.006	0.006	0.006	0.007
DE0002R	PCB_28	precip_tot	0.036	0.012	0.008	0.011	0.045	0.040	0.011	0.007	0.011	0.044	0.037	0.035	0.025
DE0002R	PCB_52	precip_tot	0.007	0.010	0.007	0.010	0.032	0.028	0.005	0.006	0.008	0.006	0.006	0.006	0.011
DE0002R	aldrin	precip_tot	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.001
DE0002R	alpha_HCH	precip_tot	0.079	0.107	0.107	0.095	0.149	0.116	0.093	0.083	0.129	0.158	0.137	0.091	0.112
DE0002R	anthracene	precip_tot	0.684	0.841	0.562	1.560	0.529	0.404	0.130	0.102	0.652	0.774	0.979	1.181	0.697
DE0002R	benz_a_anthracene	precip_tot	5.611	3.096	2.658	5.962	2.402	1.302	0.473	0.737	3.825	2.557	5.750	7.450	3.481
DE0002R	benzo_a_pyrene	precip_tot	4.084	1.914	1.723	5.911	2.473	1.672	0.533	0.915	4.324	2.094	5.181	6.190	3.081
DE0002R	benzo_bjk_fluoranthenes	precip_tot	33.243	10.221	9.147	23.746	12.080	5.575	1.957	3.631	15.575	9.329	26.859	35.317	15.574
DE0002R	benzo_ghi_perylene	precip_tot	12.022	3.705	3.317	6.771	3.465	1.672	0.760	1.353	5.872	3.398	9.720	13.485	5.470
DE0002R	chrysene_triphenylene	precip_tot	22.879	8.987	7.738	15.406	7.776	3.934	1.649	2.471	10.356	7.639	18.046	23.972	10.909
DE0002R	dibenzo_ah_anthracene	precip_tot	1.683	0.628	0.546	1.513	0.771	0.447	0.131	0.222	1.045	0.551	1.616	2.063	0.935
DE0002R	dieldrin	precip_tot	0.054	0.102	0.077	0.120	0.065	0.044	0.038	0.041	0.092	0.308	0.072	0.069	0.090
DE0002R	endrin	precip_tot	0.003	0.005	0.003	0.005	0.002	0.001	0.001	0.003	0.004	0.003	0.003	0.003	0.003
DE0002R	fluoranthene	precip_tot	30.661	15.781	14.507	25.637	13.383	7.904	3.795	4.868	16.573	14.184	25.439	34.444	17.259
DE0002R	gamma_HCH	precip_tot	0.328	0.509	0.550	0.503	0.550	0.311	0.486	0.501	0.526	0.555	0.600	0.321	0.478
DE0002R	heptachlor	precip_tot	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001
DE0002R	inden_123cd_pyrene	precip_tot	13.891	4.054	3.568	6.555	3.476	1.729	0.765	1.292	6.223	3.595	10.619	14.576	5.872
DE0002R	op_DDD	precip_tot	0.001	0.001	0.001	0.001	0.008	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.002
DE0002R	op_DDE	precip_tot	0.001	0.001	0.001	0.001	0.000	0.000	0.002	0.001	0.001	0.003	0.001	0.001	0.001
DE0002R	op_DDT	precip_tot	0.003	0.004	0.003	0.017	0.046	0.010	0.009	0.011	0.036	0.029	0.003	0.002	0.014
DE0002R	phenanthrene	precip_tot	28.281	17.257	14.206	19.227	19.047	16.946	4.968	4.527	10.099	15.959	23.255	28.859	16.878
DE0002R	pp_DDD	precip_tot	0.002	0.002	0.002	0.006	0.024	0.004	0.007	0.008	0.046	0.007	0.002	0.002	0.009
DE0002R	pp_DDE	precip_tot	0.023	0.015	0.019	0.053	0.098	0.033	0.022	0.022	0.077	0.065	0.022	0.012	0.039
DE0002R	pp_DDT	precip_tot	0.044	0.038	0.040	0.149	0.213	0.035	0.029	0.042	0.127	0.097	0.025	0.019	0.072
DE0002R	pyrene	precip_tot	21.196	10.096	9.149	18.680	7.919	5.059	2.708	3.417	13.896	10.179	18.466	26.087	12.236
DE0003R	anthracene	precip_tot	0.494	0.181	0.248	1.140	0.307	0.423	0.246	0.119	0.070	0.293	0.296	0.501	0.360
DE0003R	benz_a_anthracene	precip_tot	4.381	1.015	1.900	4.924	0.883	0.228	0.260	0.415	0.542	1.189	2.445	2.837	1.755
DE0003R	benzo_a_pyrene	precip_tot	3.874	0.929	2.094	5.834	1.043	0.236	0.362	0.542	0.621	0.938	2.058	2.712	1.773
DE0003R	benzo_bjk_fluoranthenes	precip_tot	26.436	6.570	10.536	25.773	4.781	0.986	1.522	2.021	2.647	5.283	13.988	15.041	9.644
DE0003R	benzo_ghi_perylene	precip_tot	9.993	2.666	4.288	7.961	1.579	0.340	0.572	0.803	1.057	2.033	5.241	6.249	3.572
DE0003R	chrysene_triphenylene	precip_tot	20.757	5.590	7.725	15.941	3.158	0.638	1.114	1.461	1.754	4.254	9.829	11.089	6.953
DE0003R	dibenzo_ah_anthracene	precip_tot	1.402	0.300	0.532	1.319	0.288	0.065	0.084	0.105	0.128	0.298	0.773	0.904	0.518
DE0003R	fluoranthene	precip_tot	25.018	10.654	12.168	27.887	6.819	1.717	2.727	2.966	3.724	7.439	13.111	13.902	10.668
DE0003R	inden_123cd_pyrene	precip_tot	9.844	2.592	4.206	8.004	1.516	0.312	0.542	0.721	1.045	1.970	5.430	6.499	3.563
DE0003R	phenanthrene	precip_tot	24.331	9.433	17.955	22.092	8.116	3.016	4.199	3.029	4.606	9.112	11.589	13.559	10.939
DE0003R	pyrene	precip_tot	15.871	6.240	7.819	21.997	4.329	1.016	1.603	1.842	2.330	5.213	9.525	10.175	7.324
DE0008R	anthracene	precip_tot	1.260	0.512	0.878	3.436	2.231	0.318	0.165	0.194	0.337	0.982	1.001	1.813	1.097
DE0008R	benz_a_anthracene	precip_tot	15.388	2.986	3.110	15.872	4.037	1.012	0.316	0.422	1.358	6.067	6.272	14.761	5.990
DE0008R	benzo_a_pyrene	precip_tot	14.778	3.662	3.399	17.216	3.813	1.216	0.356	0.560	1.392	4.905	5.131	14.492	5.925
DE0008R	benzo_bjk_fluoranthenes	precip_tot	71.262	16.889	14.033	70.756	17.430	4.494	1.273	1.871	4.621	24.291	25.142	60.333	26.106
DE0008R	benzo_ghi_perylene	precip_tot	27.884	7.320	5.773	20.584	4.863	1.372	0.524	0.839	2.152	10.613	11.099	31.213	10.395
DE0008R	chrysene_triphenylene	precip_tot	49.354	11.795	9.182	34.618	9.805	2.476	0.830	1.208	2.947	17.265	17.831	41.251	16.609
DE0008R	dibenzo_ah_anthracene	precip_tot	3.939	0.952	0.857	4.039	1.037	0.260	0.100	0.145	0.359	1.576	1.642	4.400	1.615
DE0008R	fluoranthene	precip_tot	89.580	32.093	24.307	66.413	24.262	4.569	2.020	2.723	6.332	29.067	30.014	69.173	31.763

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
DE0008R	inden_123cd_pyrene	precip_tot	28.734	7.404	5.599	22.192	5.282	1.437	0.580	0.893	2.348	10.396	10.876	30.702	10.577
DE0008R	phenanthrene	precip_tot	59.495	35.013	31.528	67.932	45.636	8.186	3.854	3.403	7.039	23.964	24.607	51.191	30.149
DE0008R	pyrene	precip_tot	60.102	17.498	15.574	46.806	19.880	3.324	1.383	2.017	5.071	21.369	22.068	50.970	22.241
DE0009R	HCB	precip_tot	0.017	0.016	0.012	0.018	0.039	0.017	0.011	0.042	0.019	0.144	0.137	0.163	0.053
DE0009R	PCB_101	precip_tot	0.020	0.019	0.015	0.022	0.017	0.009	0.005	0.012	0.014	0.023	0.092	0.043	0.024
DE0009R	PCB_118	precip_tot	0.015	0.014	0.011	0.016	0.013	0.007	0.004	0.009	0.010	0.006	0.020	0.024	0.013
DE0009R	PCB_138	precip_tot	0.032	0.030	0.024	0.035	0.027	0.014	0.009	0.020	0.021	0.012	0.015	0.024	0.022
DE0009R	PCB_153	precip_tot	0.034	0.032	0.025	0.037	0.028	0.015	0.009	0.021	0.022	0.013	0.016	0.026	0.023
DE0009R	PCB_180	precip_tot	0.013	0.012	0.010	0.014	0.011	0.006	0.004	0.008	0.009	0.005	0.006	0.010	0.009
DE0009R	PCB_28	precip_tot	0.014	0.013	0.011	0.015	0.012	0.012	0.008	0.038	0.016	0.116	0.147	0.175	0.049
DE0009R	PCB_52	precip_tot	0.013	0.012	0.009	0.014	0.011	0.006	0.003	0.008	0.012	0.065	0.102	0.078	0.028
DE0009R	aldrin	precip_tot	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001
DE0009R	alpha_HCH	precip_tot	0.082	0.084	0.077	0.058	0.074	0.074	0.087	0.091	0.085	0.094	0.115	0.088	0.084
DE0009R	anthracene	precip_tot	0.945	0.711	0.136	0.198	0.461	0.210	0.106	0.237	0.409	1.011	1.482	1.860	0.647
DE0009R	benz_a_anthracene	precip_tot	8.603	5.314	1.591	2.197	2.241	1.051	0.297	0.341	1.954	0.720	4.042	5.768	2.829
DE0009R	benzo_a_pyrene	precip_tot	6.388	4.859	1.403	1.728	2.195	1.264	0.479	0.413	2.524	0.490	2.760	4.672	2.415
DE0009R	benzo_bjk_fluoranthenes	precip_tot	37.245	30.732	7.150	9.289	8.888	4.543	1.790	1.573	7.633	3.081	17.644	31.493	13.319
DE0009R	benzo_ghi_perylene	precip_tot	10.748	9.354	2.390	2.577	2.508	1.541	0.595	0.475	2.668	1.014	6.110	11.720	4.279
DE0009R	chrysene_triphenylene	precip_tot	28.879	20.898	5.973	5.361	5.354	2.366	1.070	1.326	4.752	2.927	12.609	19.208	9.163
DE0009R	dibenzo_ah_anthracene	precip_tot	1.604	1.486	0.423	0.485	0.546	0.342	0.098	0.016	0.477	0.160	0.926	1.815	0.693
DE0009R	dieldrin	precip_tot	0.008	0.007	0.006	0.008	0.007	0.034	0.021	0.032	0.032	0.029	0.052	0.046	0.023
DE0009R	endrin	precip_tot	0.006	0.006	0.004	0.006	0.005	0.003	0.002	0.004	0.004	0.002	0.003	0.004	0.004
DE0009R	fluoranthene	precip_tot	42.715	37.030	11.845	8.699	11.573	6.028	2.183	2.670	9.679	7.411	19.427	29.479	15.605
DE0009R	gamma_HCH	precip_tot	0.303	0.456	0.480	0.232	0.439	0.639	0.382	0.489	0.394	0.389	0.410	0.411	0.418
DE0009R	heptachlor	precip_tot	0.002	0.002	0.001	0.002	0.002	0.001	0.001	0.005	0.001	0.001	0.001	0.001	0.002
DE0009R	inden_123cd_pyrene	precip_tot	11.734	10.520	2.510	2.660	2.853	1.654	0.554	0.522	2.507	1.037	6.441	12.383	4.580
DE0009R	op_DDD	precip_tot	0.002	0.001	0.001	0.002	0.001	0.001	0.002	0.006	0.027	0.011	0.012	0.011	0.006
DE0009R	op_DDE	precip_tot	0.002	0.001	0.001	0.002	0.001	0.001	0.001	0.009	0.003	0.003	0.006	0.007	0.003
DE0009R	op_DDT	precip_tot	0.005	0.005	0.004	0.035	0.015	0.018	0.007	0.015	0.026	0.016	0.026	0.034	0.017
DE0009R	phenanthrene	precip_tot	26.765	25.886	10.906	11.056	11.806	5.260	2.797	7.199	6.947	23.373	44.068	41.586	18.088
DE0009R	pp_DDD	precip_tot	0.053	0.003	0.003	0.017	0.016	0.017	0.013	0.013	0.092	0.011	0.027	0.026	0.024
DE0009R	pp_DDE	precip_tot	0.044	0.026	0.045	0.280	0.038	0.041	0.013	0.121	0.081	0.050	0.071	0.066	0.073
DE0009R	pp_DDT	precip_tot	0.149	0.109	0.087	0.146	0.119	0.101	0.085	0.056	0.116	0.081	0.157	0.184	0.116
DE0009R	pyrene	precip_tot	28.561	22.516	7.542	6.510	8.081	3.641	1.446	1.778	10.975	5.414	14.568	22.435	11.053
CZ0003R	HCB	precip	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
CZ0003R	PCB_101	precip	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019
CZ0003R	PCB_118	precip	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
CZ0003R	PCB_138	precip	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018
CZ0003R	PCB_153	precip	0.016	0.016	0.016	0.017	0.016	0.016	0.016	0.016	0.016	0.016	0.020	0.018	0.016
CZ0003R	PCB_180	precip	0.017	0.017	0.017	0.018	0.017	0.017	0.017	0.017	0.017	0.017	0.022	0.019	0.018
CZ0003R	PCB_28	precip	0.007	0.007	0.007	0.007	0.007	0.056	0.007	0.007	0.007	0.007	0.007	0.007	0.013
CZ0003R	PCB_52	precip	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
CZ0003R	acenaphthene	precip	0.264	0.024	0.024	0.063	4.475	5.937	6.135	0.024	0.024	0.024	0.185	0.776	2.100
CZ0003R	acenaphthylene	precip	2.144	1.795	1.164	1.011	0.314	0.013	0.013	0.415	0.338	0.881	4.068	3.887	0.960
CZ0003R	alpha_HCH	precip	0.034	0.053	0.013	0.013	0.058	0.030	0.021	0.077	0.028	0.070	0.034	0.013	0.036
CZ0003R	anthracene	precip	0.929	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	1.230	0.915	0.150
CZ0003R	benz_a_anthracene	precip	3.449	0.629	1.385	1.140	0.601	0.030	0.011	0.108	0.237	0.163	13.423	10.610	1.726

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
CZ0003R	benzo_a_pyrene	precip	1.405	0.152	0.840	0.844	0.570	0.029	0.029	0.029	0.141	0.029	9.553	5.845	1.099
CZ0003R	benzo_b_fluoranthene	precip	3.917	0.942	2.292	3.339	1.252	0.048	0.015	0.005	0.302	0.257	20.353	14.289	2.740
CZ0003R	benzo_ghi_perylene	precip	1.069	0.014	1.579	1.883	0.889	0.014	0.014	0.122	0.262	0.137	11.743	8.385	1.562
CZ0003R	benzo_k_fluoranthene	precip	1.420	0.273	1.629	2.284	0.910	0.022	0.022	0.022	0.122	0.022	7.982	5.422	1.253
CZ0003R	beta_HCH	precip	0.019	0.019	0.019	0.019	0.019	0.034	0.032	0.067	0.036	0.028	0.030	0.019	0.030
CZ0003R	delta_HCH	precip	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022
CZ0003R	dibenzo_ah_anthracene	precip	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.489	0.214	0.047
CZ0003R	fluoranthene	precip	53.480	31.550	19.314	23.904	12.574	2.658	2.772	3.185	3.809	9.173	56.374	53.865	16.263
CZ0003R	fluorene	precip	18.323	16.392	8.507	6.780	4.252	2.091	2.836	9.277	8.446	0.009	0.009	7.755	5.117
CZ0003R	gamma_HCH	precip	0.119	0.264	0.366	0.258	0.390	0.401	0.315	0.367	0.260	0.319	0.181	0.135	0.303
CZ0003R	inden_123cd_pyrene	precip	1.088	0.009	1.204	1.433	0.728	0.009	0.009	0.009	0.212	0.145	12.446	9.093	1.531
CZ0003R	naphthalene	precip	44.216	27.878	21.177	18.523	16.891	17.815	24.700	15.134	17.990	27.309	55.176	71.342	26.222
CZ0003R	phenanthrene	precip	54.612	39.095	21.241	21.571	14.908	4.652	5.759	4.817	7.003	15.684	44.371	52.436	17.727
CZ0003R	pp_DDD	precip	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.009	0.008	0.008	0.008	0.008	0.008
CZ0003R	pp_DDE	precip	0.008	0.008	0.008	0.050	0.008	0.008	0.008	0.008	0.008	0.008	0.040	0.022	0.016
CZ0003R	pp_DDT	precip	0.033	0.011	0.011	0.011	0.011	0.011	0.011	0.017	0.012	0.011	0.040	0.032	0.015
CZ0003R	pyrene	precip	28.181	13.053	12.168	12.832	7.599	1.414	1.428	1.825	2.039	5.622	44.318	38.371	10.077
CZ0003R	precipitation_amount	precip	37	28	51	99	32	90	131	56	39	100	42	36	740
FI0036R	BDE_100	precip+dry_dep	0.010	0.010	0.010	0.010	0.010	0.010	0.019	0.014	0.010	0.013	0.051	0.010	0.015
FI0036R	BDE_47	precip+dry_dep	0.077	0.063	0.010	0.081	0.042	0.074	0.023	0.014	0.010	0.103	1.033	0.023	0.130
FI0036R	BDE_99	precip+dry_dep	0.067	0.070	0.010	0.043	0.022	0.048	0.022	0.014	0.010	0.030	0.280	0.021	0.053
FI0036R	HCb	precip+dry_dep	0.067	0.064	0.082	0.087	0.120	0.075	0.097	0.052	0.058	0.074	0.035	0.010	0.068
FI0036R	PCB_101	precip+dry_dep	0.020	0.024	0.020	0.020	0.020	0.038	0.029	0.020	0.020	0.038	0.020	0.020	0.024
FI0036R	PCB_118	precip+dry_dep	0.015	0.015	0.015	0.015	0.015	0.015	0.029	0.024	0.015	0.015	0.015	0.015	0.017
FI0036R	PCB_138	precip+dry_dep	0.015	0.015	0.015	0.015	0.015	0.015	0.029	0.024	0.015	0.056	0.015	0.015	0.021
FI0036R	PCB_153	precip+dry_dep	0.015	0.015	0.015	0.015	0.015	0.015	0.029	0.024	0.015	0.038	0.015	0.015	0.019
FI0036R	PCB_180	precip+dry_dep	0.015	0.015	0.015	0.015	0.015	0.015	0.029	0.024	0.015	0.015	0.015	0.015	0.017
FI0036R	PCB_28	precip+dry_dep	0.020	0.024	0.080	0.120	0.156	0.120	0.084	0.102	0.050	0.051	0.055	0.020	0.073
FI0036R	PCB_52	precip+dry_dep	0.118	0.046	0.070	0.090	0.066	0.025	0.048	0.043	0.060	0.111	0.133	0.020	0.069
FI0036R	alpha_HCH	precip+dry_dep	0.010	0.010	0.026	0.026	0.049	0.073	0.213	0.270	0.010	0.106	0.010	0.010	0.069
FI0036R	anthracene	precip+dry_dep	1.642	0.441	0.110	0.820	1.062	1.170	1.365	0.186	0.090	0.243	0.405	0.700	0.696
FI0036R	benz_a_anthracene	precip+dry_dep	6.981	1.488	0.370	0.510	0.669	0.190	0.331	0.382	0.530	1.357	1.620	4.610	1.620
FI0036R	benzo_a_pyrene	precip+dry_dep	4.900	1.095	0.650	0.220	0.192	0.300	0.591	0.893	0.640	2.086	1.619	3.370	1.406
FI0036R	benzo_b_fluoranthene	precip+dry_dep	13.281	3.209	1.480	0.830	0.396	0.820	1.468	1.102	1.520	3.682	3.435	9.190	3.429
FI0036R	benzo_ghi_perylene	precip+dry_dep	5.036	1.046	0.720	0.150	0.167	0.330	0.767	0.718	0.770	2.526	2.228	5.920	1.735
FI0036R	benzo_k_fluoranthene	precip+dry_dep	4.803	1.119	0.530	0.240	0.135	0.270	0.475	0.467	0.580	1.468	1.254	3.490	1.260
FI0036R	chrysene	precip+dry_dep	13.797	3.240	1.180	0.720	0.410	0.780	1.506	1.237	1.760	3.432	4.247	8.520	3.467
FI0036R	dibenzo_ah_anthracene	precip+dry_dep	1.211	0.305	0.050	0.050	0.050	0.050	0.149	0.299	0.160	0.467	0.594	0.750	0.352
FI0036R	fluoranthene	precip+dry_dep	43.581	10.646	3.830	3.490	3.960	5.170	7.298	2.535	2.570	7.341	9.877	18.960	10.106
FI0036R	gamma_HCH	precip+dry_dep	0.010	0.010	0.010	0.055	0.066	0.088	0.132	0.083	0.010	0.040	0.010	0.010	0.044
FI0036R	inden_123cd_pyrene	precip+dry_dep	7.174	1.729	1.090	0.500	0.481	0.300	0.531	0.535	1.110	3.017	2.444	6.500	2.156
FI0036R	phenanthrene	precip+dry_dep	42.629	12.660	5.670	18.580	28.788	29.610	32.806	4.106	2.320	6.570	10.795	11.740	17.401
FI0036R	pp_DDD	precip+dry_dep	0.010	0.010	0.010	0.010	0.010	0.010	0.019	0.014	0.010	0.010	0.010	0.010	0.011
FI0036R	pp_DDE	precip+dry_dep	0.043	0.016	0.010	0.010	0.010	0.010	0.019	0.014	0.010	0.039	0.021	0.010	0.018
FI0036R	pp_DDT	precip+dry_dep	0.010	0.010	0.010	0.010	0.010	0.010	0.019	0.014	0.010	0.010	0.010	0.010	0.011
FI0036R	pyrene	precip+dry_dep	26.987	6.331	2.050	1.650	1.766	2.660	3.808	1.581	1.720	5.033	6.366	14.010	6.279
FR0009R	benz_a_anthracene	precip	4.93	4.83	1.86	10.02	3.07	2.14	1.08	0.94	1.01	1.91	3.22	2.20	2.27

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
FR0009R	benzo_a_pyrene	precip	5.68	5.59	3.02	18.84	6.75	4.09	2.31	2.51	2.04	3.01	4.23	3.20	3.76
FR0009R	benzo_b_fluoranthene	precip	28.71	28.01	5.22	26.66	10.09	5.90	3.98	4.31	3.68	5.62	14.94	9.69	9.15
FR0009R	benzo_k_fluoranthene	precip	8.67	8.47	2.19	10.74	3.89	2.26	1.54	1.73	1.45	2.09	5.84	3.45	3.35
FR0009R	dibenzo_ah_anthracene	precip	2.13	2.09	0.89	3.05	1.21	1.12	0.75	0.82	0.51	1.11	2.47	1.78	1.34
FR0009R	inden_123cd_pyrene	precip	20.75	20.17	0.82	12.86	5.27	5.47	3.18	3.45	3.24	5.79	11.76	8.08	6.72
FR0009R	precipitation_amount	precip	2	68	86	22	62	58	94	112	116	64	98	199	981
FR0013R	benz_a_anthracene	precip	0.41	0.09	0.59	0.43	0.40	0.51	0.56	0.92	0.30	0.71	0.59	1.00	0.56
FR0013R	benzo_a_pyrene	precip	0.97	3.04	1.21	0.82	0.79	0.47	0.72	1.34	0.85	1.41	1.00	1.15	1.21
FR0013R	benzo_b_fluoranthene	precip	2.50	6.01	1.43	1.70	1.82	1.73	1.65	2.79	2.29	3.66	2.38	3.50	2.76
FR0013R	benzo_k_fluoranthene	precip	0.87	2.68	0.60	0.60	0.62	0.47	0.63	1.02	0.94	1.31	0.89	1.28	1.06
FR0013R	dibenzo_ah_anthracene	precip	0.25	0.41	0.16	0.24	0.20	0.47	0.37	0.41	0.31	0.87	0.53	0.43	0.37
FR0013R	inden_123cd_pyrene	precip	2.34	3.83	0.67	0.34	0.47	0.47	1.04	1.22	1.25	2.90	2.29	1.77	1.58
FR0013R	precipitation_amount	precip	39	70	71	45	66	36	47	44	56	43	43	107	668
FR0023R	benz_a_anthracene	precip	2.24	0.15	1.27	0.86	0.57	0.97	0.92	1.40	1.12	1.31	4.73	2.47	1.48
FR0023R	benzo_a_pyrene	precip	2.68	1.44	1.30	1.01	0.92	2.00	1.70	2.14	1.37	2.10	6.06	1.68	1.78
FR0023R	benzo_b_fluoranthene	precip	6.39	4.17	2.94	1.59	1.67	3.36	3.03	3.80	2.60	4.71	8.43	4.72	3.68
FR0023R	benzo_k_fluoranthene	precip	2.13	0.23	0.97	0.56	0.62	1.37	1.17	1.21	0.78	1.72	3.58	2.20	1.37
FR0023R	dibenzo_ah_anthracene	precip	1.42	0.20	0.31	0.24	0.12	0.68	0.59	0.69	0.33	0.62	1.05	0.64	0.49
FR0023R	inden_123cd_pyrene	precip	5.45	2.49	1.24	0.63	0.82	2.78	2.69	3.23	2.13	3.32	6.67	3.44	2.58
FR0023R	precipitation_amount	precip	17	52	98	44	125	43	74	45	32	49	43	174	798
FR0024R	benz_a_anthracene	precip	1.44	1.47	6.34	8.96	2.33	2.07	1.33	1.10	0.83	1.83	3.33	1.91	2.17
FR0024R	benzo_a_pyrene	precip	1.14	1.20	9.60	17.11	3.96	3.32	2.07	1.45	1.14	2.16	3.62	1.32	2.85
FR0024R	benzo_b_fluoranthene	precip	6.62	6.67	13.81	21.50	4.76	5.46	3.67	2.73	2.09	4.86	8.42	5.85	5.89
FR0024R	benzo_k_fluoranthene	precip	1.94	1.97	6.14	8.75	2.12	2.46	1.32	0.78	0.63	1.54	3.32	2.42	2.23
FR0024R	dibenzo_ah_anthracene	precip	0.21	0.23	2.39	1.87	0.30	0.70	0.51	0.46	0.49	1.20	0.91	0.69	0.71
FR0024R	inden_123cd_pyrene	precip	3.80	3.85	11.16	9.02	2.30	4.49	2.76	2.36	1.99	4.80	6.96	3.68	4.05
FR0024R	precipitation_amount	precip	2	85	31	18	59	24	50	58	64	54	32	100	576
FR0025R	benz_a_anthracene	precip	3.24	2.16	1.31	3.54	0.78	2.75	2.46	5.00	1.55	1.36	2.32	0.82	1.91
FR0025R	benzo_a_pyrene	precip	4.37	2.56	1.91	5.42	1.56	4.23	3.66	6.55	2.00	2.17	2.35	0.97	2.62
FR0025R	benzo_b_fluoranthene	precip	11.16	12.10	2.87	7.10	2.37	5.40	7.02	15.03	5.46	7.58	6.30	2.38	6.06
FR0025R	benzo_k_fluoranthene	precip	3.84	3.66	1.16	2.71	0.85	1.60	2.75	6.57	2.09	2.18	2.57	0.88	2.21
FR0025R	dibenzo_ah_anthracene	precip	1.96	1.89	0.54	0.54	0.19	0.60	1.16	1.91	0.70	0.65	0.28	0.45	0.78
FR0025R	inden_123cd_pyrene	precip	10.00	7.52	2.34	3.37	1.26	4.16	4.95	8.72	3.49	3.77	4.14	1.92	4.00
FR0025R	precipitation_amount	precip	40	50	73	31	95	29	40	38	77	44	61	93	671
GB0048R	1-methylnaphthalene	wetdep	190	190	182	95	95	241	448	185	260	667	372	1125	341
GB0048R	1-methylphenanthrene	wetdep	190	190	182	95	95	95	95	82	89	112	95	95	117
GB0048R	2-methylantracene	wetdep	190	190	182	95	95	95	95	82	89	112	95	95	117
GB0048R	2-methylnaphthalene	wetdep	190	190	182	95	279	930	836	315	717	1570	757	2333	709
GB0048R	2-methylphenanthrene	wetdep	190	190	182	95	95	95	95	82	89	112	95	95	117
GB0048R	9-methylphenanthrene	wetdep	190	190	182	95	95	95	95	82	89	112	95	95	117
GB0048R	acenaphthene	wetdep	190	190	182	95	95	209	458	324	590	668	95	95	268
GB0048R	acenaphthylene	wetdep	190	190	182	95	95	95	95	208	276	112	95	95	143
GB0048R	anthanthrene	wetdep	190	190	182	95	95	95	95	133	299	292	95	95	154
GB0048R	anthracene	wetdep	190	190	182	95	206	404	95	82	89	112	95	95	152

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
GB0048R	benz_a_anthracene	wetdep	190	190	182	95	95	95	95	82	89	112	95	95	117
GB0048R	benzo_a_pyrene	wetdep	190	190	182	95	95	95	95	82	89	112	95	95	117
GB0048R	benzo_b_fluoranthene	wetdep	190	190	182	95	95	95	95	82	89	112	95	95	117
GB0048R	benzo_e_pyrene	wetdep	190	190	182	95	95	95	95	82	89	112	95	95	117
GB0048R	benzo_ghi_perylene	wetdep	190	190	182	95	95	95	95	82	89	112	95	95	117
GB0048R	benzo_k_fluoranthene	wetdep	190	190	182	95	95	95	95	82	89	112	95	95	117
GB0048R	biphenyl	wetdep	190	190	182	95	174	401	252	82	252	551	295	794	290
GB0048R	chrysene	wetdep	190	190	182	95	95	95	95	82	89	112	95	95	117
GB0048R	coronene	wetdep	190	190	182	95	95	95	95	82	89	112	95	95	117
GB0048R	cyclopenta_cd_pyrene	wetdep	190	190	182	95	95	95	95	82	89	112	95	95	117
GB0048R	dibenzo_ae_pyrene	wetdep	190	190	182	95	95	95	95	82	89	112	95	95	117
GB0048R	dibenzo_ah_anthracene	wetdep	190	190	182	95	95	95	95	82	89	112	95	95	117
GB0048R	dibenzo_ah_pyrene	wetdep	190	190	182	95	95	95	95	82	89	112	95	95	117
GB0048R	dibenzo_ai_pyrene	wetdep	190	190	182	95	95	95	95	82	133	171	95	95	126
GB0048R	fluoranthene	wetdep	190	190	182	95	95	95	134	130	126	161	95	95	132
GB0048R	fluorene	wetdep	190	190	182	95	128	361	595	389	769	1099	193	734	415
GB0048R	inden_123cd_pyrene	wetdep	190	190	182	95	95	95	95	82	89	112	95	95	117
GB0048R	naphthalene	wetdep	190	190	182	95	174	596	807	374	717	1039	171	95	389
GB0048R	perylene	wetdep	190	190	182	95	95	95	95	82	89	112	95	95	117
GB0048R	phenanthrene	wetdep	285	285	273	140	837	3256	2637	694	868	1211	430	963	1000
GB0048R	pyrene	wetdep	190	190	182	95	95	173	307	205	216	201	95	95	170
GB0048R	retene	wetdep	285	285	273	140	140	140	140	122	134	167	140	140	174
GB1055R	1-methylnaphthalene	wetdep	190	190	182	95	95	240	449	197	350	629	597	743	332
GB1055R	1-methylphenanthrene	wetdep	190	190	182	95	95	95	95	95	95	95	95	95	117
GB1055R	2-methylantracene	wetdep	190	190	182	95	95	95	95	95	95	95	95	95	117
GB1055R	2-methylnaphthalene	wetdep	190	190	182	95	95	448	954	409	740	1299	1100	1493	607
GB1055R	2-methylphenanthrene	wetdep	190	190	182	95	95	95	95	95	95	95	95	95	117
GB1055R	9-methylphenanthrene	wetdep	190	190	182	95	95	95	95	95	95	95	95	95	117
GB1055R	acenaphthene	wetdep	190	190	182	95	95	269	644	459	698	401	346	155	312
GB1055R	acenaphthylene	wetdep	190	190	182	95	95	125	152	95	95	95	95	95	124
GB1055R	anthanthrene	wetdep	190	190	182	95	95	95	95	173	159	95	95	95	129
GB1055R	anthracene	wetdep	190	190	182	95	95	95	95	95	95	95	95	95	117
GB1055R	benz_a_anthracene	wetdep	190	190	182	95	95	95	95	95	95	95	95	95	117
GB1055R	benzo_a_pyrene	wetdep	190	190	182	95	95	95	95	95	95	95	95	95	117
GB1055R	benzo_b_fluoranthene	wetdep	190	190	182	95	95	95	95	95	95	95	95	95	117
GB1055R	benzo_e_pyrene	wetdep	190	190	182	95	95	95	95	95	95	95	95	95	117
GB1055R	benzo_ghi_perylene	wetdep	190	190	182	95	95	95	95	95	95	95	95	95	117
GB1055R	benzo_k_fluoranthene	wetdep	190	190	182	95	95	95	95	95	95	95	95	95	117
GB1055R	biphenyl	wetdep	190	190	182	95	95	180	300	152	262	466	412	520	255
GB1055R	chrysene	wetdep	190	190	182	95	95	95	95	95	95	95	95	95	117
GB1055R	coronene	wetdep	190	190	182	95	95	95	95	95	613	394	95	95	186
GB1055R	cyclopenta_cd_pyrene	wetdep	190	190	182	95	95	95	95	95	95	95	95	95	117
GB1055R	dibenzo_ae_pyrene	wetdep	190	190	182	95	95	95	95	95	95	95	95	95	117
GB1055R	dibenzo_ah_anthracene	wetdep	190	190	182	95	95	95	95	95	95	95	95	95	117
GB1055R	dibenzo_ah_pyrene	wetdep	190	190	182	95	95	95	95	95	95	95	95	95	117
GB1055R	dibenzo_ai_pyrene	wetdep	190	190	182	95	95	95	95	95	95	95	95	95	117
GB1055R	fluoranthene	wetdep	190	190	182	95	95	95	149	162	238	178	95	95	147
GB1055R	fluorene	wetdep	190	190	182	95	95	365	807	454	1003	818	515	172	410

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
GB1055R	inden_123cd_pyrene	wetdep	190	190	182	95	95	95	95	95	95	95	95	95	117
GB1055R	naphthalene	wetdep	190	190	182	95	95	336	737	409	982	758	166	658	404
GB1055R	perylene	wetdep	190	190	182	95	95	95	95	95	95	95	95	95	117
GB1055R	phenanthrene	wetdep	285	285	273	140	140	1308	2752	894	1591	1214	1065	329	865
GB1055R	pyrene	wetdep	190	190	182	95	95	148	308	295	321	198	95	95	184
GB1055R	retene	wetdep	285	285	273	140	140	140	140	140	140	140	140	140	174
IS0091R	BDE_100	precip	0.003	0.002	0.004	0.002	0.004	0.006	0.005	0.006	0.003	0.004	0.005	0.003	0.004
IS0091R	BDE_47	precip	0.009	0.007	0.004	0.005	0.010	0.006	0.008	0.006	0.009	0.004	0.009	0.010	0.007
IS0091R	BDE_99	precip	0.007	0.005	0.004	0.005	0.008	0.006	0.005	0.006	0.006	0.004	0.010	0.007	0.006
IS0091R	HCB	precip	0.062	0.008	0.013	0.012	0.007	0.007	0.008	0.007	0.007	0.011	0.015	0.010	0.015
IS0091R	PCB_101	precip	0.003	0.002	0.004	0.004	0.004	0.006	0.005	0.006	0.003	0.004	0.005	0.011	0.004
IS0091R	PCB_105	precip	0.003	0.002	0.004	0.002	0.004	0.006	0.005	0.006	0.003	0.004	0.004	0.006	0.004
IS0091R	PCB_118	precip	0.003	0.002	0.004	0.002	0.004	0.006	0.005	0.006	0.003	0.004	0.004	0.009	0.004
IS0091R	PCB_138	precip	0.006	0.002	0.004	0.002	0.004	0.006	0.005	0.006	0.003	0.004	0.004	0.009	0.004
IS0091R	PCB_153	precip	0.010	0.002	0.004	0.002	0.004	0.006	0.005	0.006	0.003	0.004	0.005	0.013	0.005
IS0091R	PCB_156	precip	0.003	0.002	0.004	0.002	0.004	0.006	0.005	0.006	0.003	0.004	0.004	0.003	0.003
IS0091R	PCB_180	precip	0.008	0.003	0.004	0.002	0.004	0.006	0.005	0.006	0.003	0.004	0.004	0.004	0.004
IS0091R	PCB_28	precip	0.007	0.006	0.010	0.006	0.010	0.016	0.014	0.014	0.007	0.009	0.009	0.008	0.009
IS0091R	PCB_31	precip	0.007	0.006	0.010	0.006	0.010	0.016	0.014	0.014	0.007	0.009	0.009	0.008	0.009
IS0091R	PCB_52	precip	0.003	0.005	0.004	0.003	0.004	0.006	0.005	0.006	0.003	0.004	0.004	0.003	0.004
IS0091R	alpha_HCH	precip	0.030	0.016	0.036	0.022	0.018	0.030	0.030	0.036	0.031	0.034	0.059	0.025	0.029
IS0091R	beta_HCH	precip	0.003	0.002	0.004	0.002	0.004	0.006	0.005	0.006	0.003	0.004	0.010	0.003	0.004
IS0091R	cis_CD	precip	0.003	0.003	0.004	0.002	0.004	0.006	0.005	0.006	0.003	0.004	0.007	0.008	0.004
IS0091R	dieldrin	precip	0.016	0.016	0.022	0.015	0.007	0.011	0.012	0.010	0.011	0.014	0.027	0.020	0.015
IS0091R	gamma_HCH	precip	0.094	0.012	0.127	0.039	0.075	0.090	0.048	0.140	0.030	0.058	0.071	0.063	0.063
IS0091R	op_DDT	precip	0.003	0.002	0.004	0.002	0.004	0.006	0.005	0.006	0.003	0.004	0.004	0.008	0.004
IS0091R	pp_DDD	precip	0.003	0.002	0.004	0.002	0.004	0.006	0.005	0.006	0.003	0.004	0.004	0.003	0.003
IS0091R	pp_DDE	precip	0.014	0.002	0.004	0.002	0.004	0.006	0.005	0.006	0.003	0.004	0.004	0.008	0.005
IS0091R	pp_DDT	precip	0.006	0.005	0.008	0.005	0.008	0.013	0.011	0.011	0.005	0.007	0.007	0.006	0.007
IS0091R	trans_CD	precip	0.003	0.002	0.004	0.002	0.004	0.006	0.005	0.006	0.003	0.004	0.004	0.003	0.003
IS0091R	trans_NO	precip	0.003	0.004	0.004	0.002	0.004	0.011	0.005	0.006	0.003	0.004	0.008	0.009	0.005
IS0091R	precipitation_amount	precip	72	91	50	88	51	32	36	35	81	51	57	59	702
LV0010R	benz_a_anthracene	precip	-	3.20	5.20	2.70	1.92	2.08	1.86	1.70	0.58	0.97	7.17	9.46	3.74
LV0010R	benzo_a_pyrene	precip	-	9.40	11.00	5.30	3.56	3.81	3.44	3.95	1.43	2.07	14.54	20.07	7.95
LV0010R	benzo_b_fluoranthene	precip	-	2.90	4.60	2.20	1.15	1.56	1.31	2.43	1.14	1.00	6.50	8.94	3.63
LV0010R	benzo_k_fluoranthene	precip	-	4.60	5.00	0.85	0.85	1.39	2.05	2.06	1.12	0.85	6.09	9.86	3.70
LV0010R	dibenzo_ah_anthracene	precip	-	1.40	1.40	1.40	1.40	1.40	1.40	-	1.40	1.40	1.95	1.98	1.62
LV0010R	inden_123cd_pyrene	precip	-	5.20	9.20	5.10	2.01	2.71	2.73	-	1.50	1.50	12.76	15.24	6.79
LV0010R	precipitation_amount_off	precip	43	44	50	37	12	51	68	65	157	207	153	132	1019
NL0091R	gamma_HCH	precip	0.258	0.413	0.227	0.957	1.115	0.650	0.507	0.544	0.224	0.200	0.200	0.200	0.372
NL0091R	acenaphthene	precip	0.716	1.695	1.825	1.714	1.411	0.858	0.952	1.103	0.570	0.882	1.208	1.480	1.082
NL0091R	acenaphthylene	precip	6.567	9.535	6.547	3.912	3.969	1.879	0.846	0.960	0.640	1.112	1.494	3.030	2.501
NL0091R	anthracene	precip	1.251	1.277	1.113	1.947	1.906	1.116	0.887	1.102	0.461	1.145	1.328	1.590	1.109
NL0091R	benz_a_anthracene	precip	3.011	2.047	1.904	5.211	4.938	3.544	2.328	2.064	1.100	1.945	3.092	4.310	2.582
NL0091R	benzo_a_pyrene	precip	3.705	1.788	1.492	7.641	6.982	5.979	4.051	3.815	1.619	2.784	3.374	4.470	3.448
NL0091R	benzo_bjk_fluoranthenes	precip	17.274	11.895	6.846	18.614	17.685	14.898	10.472	7.337	4.132	7.096	13.487	17.490	10.624

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
NL0091R	benzo_ghi_perylene	precip	6.855	4.085	2.645	7.390	6.299	5.334	3.850	2.754	1.478	2.734	5.334	6.450	3.981
NL0091R	chrysene	precip	13.163	8.708	4.980	11.483	10.635	8.034	5.586	4.370	2.716	4.717	9.251	11.090	6.818
NL0091R	dibenzo_ah_anthracene	precip	1.330	0.813	0.607	1.713	1.431	1.171	0.832	0.601	0.317	0.525	0.998	1.260	0.823
NL0091R	fluoranthene	precip	20.983	18.724	9.599	19.139	18.797	12.531	8.461	7.501	4.843	6.674	10.872	16.680	10.775
NL0091R	fluorene	precip	4.293	4.264	1.641	2.901	2.972	1.938	1.670	1.009	1.189	1.752	2.302	3.810	2.160
NL0091R	inden_123cd_pyrene	precip	5.368	3.550	1.943	5.718	5.187	4.451	3.169	2.275	1.141	1.985	3.828	4.990	3.109
NL0091R	naphthalene	precip	11.706	12.547	6.035	7.532	7.361	5.550	3.708	5.057	2.463	3.624	4.644	8.390	5.479
NL0091R	phenanthrene	precip	22.144	22.734	11.477	15.606	16.120	10.085	7.311	8.429	5.220	6.209	9.261	17.400	10.636
NL0091R	pyrene	precip	10.700	8.698	5.887	13.476	12.681	8.958	6.074	4.726	2.945	4.802	7.322	12.660	7.039
NL0091R	precipitation_amount	precip	44	36	62	27	41	56	76	75	180	82	100	85	864
NO0001R	HCB	precip	0.059	0.043	0.071	0.093	0.085	0.068	0.074	0.052	0.052	0.046	0.078	0.068	0.060
NO0001R	PCB_101	precip	0.009	0.007	0.012	0.016	0.015	0.012	0.013	0.009	0.008	0.007	0.009	0.012	0.009
NO0001R	PCB_118	precip	0.006	0.003	0.006	0.007	0.008	0.006	0.007	0.007	0.007	0.004	0.005	0.005	0.006
NO0001R	PCB_138	precip	0.011	0.006	0.010	0.013	0.013	0.010	0.010	0.008	0.008	0.006	0.008	0.009	0.008
NO0001R	PCB_153	precip	0.013	0.008	0.013	0.017	0.016	0.013	0.014	0.010	0.009	0.008	0.010	0.012	0.010
NO0001R	PCB_180	precip	0.007	0.003	0.005	0.007	0.007	0.005	0.006	0.004	0.004	0.003	0.004	0.005	0.004
NO0001R	PCB_28	precip	0.005	0.004	0.006	0.007	0.006	0.005	0.006	0.004	0.004	0.003	0.005	0.005	0.004
NO0001R	PCB_52	precip	0.006	0.004	0.007	0.008	0.008	0.006	0.007	0.005	0.004	0.004	0.005	0.006	0.005
NO0001R	PCB_99	precip	0.002	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.002	0.001	0.002	0.002	0.002
NO0001R	alpha_HCH	precip	0.090	0.058	0.056	0.056	0.078	0.077	0.067	0.073	0.125	0.098	0.060	0.051	0.087
NO0001R	gamma_HCH	precip	0.195	0.100	0.118	0.057	0.307	0.261	0.169	0.208	0.191	0.202	0.138	0.123	0.183
NO0001R	precipitation_amount	precip	77	52	105	61	81	139	101	129	457	425	188	120	1936
PL0005R	benz_a_anthracene	precip	71.15	36.88	14.60	23.86	5.12	1.00	0.81	0.80	0.71	3.05	8.50	7.49	8.13
PL0005R	benzo_a_pyrene	precip	59.82	33.54	14.00	29.11	6.20	1.40	1.23	1.80	1.62	1.98	6.30	5.12	8.07
PL0005R	benzo_b_fluoranthene	precip	84.04	55.11	26.80	56.93	10.89	2.20	1.56	2.20	1.93	3.60	10.30	9.12	13.90
PL0005R	benzo_k_fluoranthene	precip	34.35	22.32	11.00	24.13	4.86	1.00	0.72	1.00	0.82	1.54	4.50	3.91	5.84
PL0005R	dibenzo_ah_anthracene	precip	8.48	5.40	2.30	5.79	0.92	0.30	0.11	0.20	0.20	0.40	0.70	1.12	1.36
PL0005R	inden_123cd_pyrene	precip	52.55	39.76	20.40	47.23	6.86	2.00	1.26	1.70	1.79	2.23	13.20	16.33	11.34
PL0005R	precipitation_amount	precip	17	37	56	74	25	80	100	93	108	155	56	39	839
SE0012R	BDE_100	precip+dry_dep	0.005	0.005	0.009	0.011	0.012	0.067	0.016	0.038	0.041	0.031	0.010	0.010	0.021
SE0012R	BDE_47	precip+dry_dep	0.005	0.005	0.009	0.031	0.032	0.022	0.011	0.055	0.010	0.010	0.010	0.010	0.018
SE0012R	BDE_99	precip+dry_dep	0.005	0.005	0.009	0.011	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009
SE0012R	HCB	precip+dry_dep	0.037	0.037	0.054	0.061	0.079	0.079	0.053	0.080	0.112	0.094	0.043	0.074	0.067
SE0012R	PCB_101	precip+dry_dep	0.010	0.010	0.019	0.040	0.021	0.040	0.067	0.052	0.070	0.024	0.041	0.050	0.037
SE0012R	PCB_118	precip+dry_dep	0.005	0.005	0.012	0.016	0.015	0.015	0.029	0.015	0.015	0.015	0.015	0.015	0.014
SE0012R	PCB_138	precip+dry_dep	0.005	0.005	0.012	0.057	0.031	0.040	0.017	0.034	0.070	0.033	0.031	0.040	0.031
SE0012R	PCB_153	precip+dry_dep	0.005	0.005	0.012	0.057	0.041	0.050	0.018	0.043	0.070	0.019	0.032	0.050	0.033
SE0012R	PCB_180	precip+dry_dep	0.005	0.005	0.012	0.016	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.013
SE0012R	PCB_28	precip+dry_dep	0.010	0.010	0.019	0.040	0.022	0.070	0.061	0.020	0.020	0.020	0.020	0.020	0.028
SE0012R	PCB_52	precip+dry_dep	0.010	0.010	0.021	0.027	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.022
SE0012R	alpha_HCH	precip+dry_dep	0.013	0.013	0.014	0.081	0.022	0.043	0.024	0.022	0.045	0.020	0.010	0.010	0.027
SE0012R	anthracene	precip+dry_dep	0.400	0.400	0.382	0.413	0.183	0.320	0.185	0.330	0.700	1.769	2.472	9.870	1.325
SE0012R	benz_a_anthracene	precip+dry_dep	0.200	0.200	0.495	1.426	0.832	1.130	0.471	1.076	3.840	3.979	10.421	43.460	5.056
SE0012R	benzo_a_pyrene	precip+dry_dep	2.000	2.000	1.801	1.764	1.424	1.730	0.655	1.294	4.880	4.020	10.718	41.210	5.588
SE0012R	benzo_b_fluoranthene	precip+dry_dep	4.000	4.000	3.677	3.756	2.346	3.050	1.099	2.599	9.780	10.041	20.310	82.500	11.192
SE0012R	benzo_ghi_perylene	precip+dry_dep	2.000	2.000	2.050	2.491	1.481	1.900	0.807	1.656	5.820	5.189	12.554	52.550	6.856

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
SE0012R	benzo_k_fluoranthene	precip+dry_dep	1.000	1.000	1.036	1.343	0.932	1.140	0.436	1.027	4.080	3.607	7.702	28.780	3.968
SE0012R	chrysene	precip+dry_dep	4.000	4.000	3.514	3.278	1.704	2.770	0.946	2.278	8.700	9.170	19.064	76.970	10.364
SE0012R	dibenzo_ah_anthracene	precip+dry_dep	0.400	0.400	0.311	0.339	0.226	0.270	0.071	0.251	1.010	0.945	2.278	9.280	1.194
SE0012R	fluoranthene	precip+dry_dep	14.000	14.000	11.857	8.473	4.455	6.020	2.588	5.334	18.720	20.287	42.178	171.310	24.375
SE0012R	gamma_HCH	precip+dry_dep	0.018	0.018	0.022	0.031	0.080	0.022	0.024	0.092	0.010	0.010	0.010	0.010	0.030
SE0012R	inden_123cd_pyrene	precip+dry_dep	2.000	2.000	1.986	2.203	1.631	1.940	0.639	1.565	6.650	6.018	13.323	50.610	6.891
SE0012R	phenanthrene	precip+dry_dep	12.000	12.000	11.681	9.876	6.099	7.060	5.931	7.636	14.500	23.451	28.618	110.410	19.411
SE0012R	pp_DDD	precip+dry_dep	0.005	0.005	0.009	0.011	0.010	0.010	0.010	-	-	0.010	0.010	0.010	0.009
SE0012R	pp_DDE	precip+dry_dep	0.013	0.013	0.051	0.066	0.070	0.085	0.028	0.044	0.109	0.047	0.044	0.084	0.054
SE0012R	pp_DDT	precip+dry_dep	0.005	0.005	0.009	0.029	0.011	0.020	0.084	0.079	0.090	0.141	0.043	0.068	0.049
SE0012R	pyrene	precip+dry_dep	7.000	7.000	6.198	5.271	3.006	4.040	1.827	3.610	14.250	14.590	29.856	115.860	16.207
SE0014R	BDE_100	precip+dry_dep	0.095	0.068	0.104	0.030	0.184	0.197	0.046	0.037	0.015	0.032	0.038	0.011	0.070
SE0014R	BDE_47	precip+dry_dep	0.037	0.008	0.051	0.071	0.099	0.110	0.067	0.020	0.052	0.028	0.013	0.005	0.046
SE0014R	BDE_99	precip+dry_dep	0.048	0.025	0.005	0.030	0.025	0.114	0.029	0.033	0.015	0.015	0.019	0.016	0.030
SE0014R	HCB	precip+dry_dep	0.055	0.012	0.106	0.143	0.092	0.139	0.113	0.080	0.093	0.120	0.073	0.099	0.094
SE0014R	PCB_101	precip+dry_dep	0.050	0.051	0.060	0.069	-	-	0.089	0.077	0.120	0.107	0.054	0.015	0.069
SE0014R	PCB_118	precip+dry_dep	0.050	0.051	0.060	0.069	-	-	0.050	0.067	0.110	0.060	0.039	0.030	0.059
SE0014R	PCB_138	precip+dry_dep	0.235	0.161	0.170	0.226	-	-	0.201	0.267	0.520	0.176	0.079	0.070	0.210
SE0014R	PCB_153	precip+dry_dep	0.159	0.139	0.130	0.167	-	-	0.132	0.203	0.360	0.151	0.060	0.060	0.156
SE0014R	PCB_180	precip+dry_dep	0.269	0.110	0.110	0.147	-	-	0.131	0.206	0.450	0.126	0.050	0.050	0.165
SE0014R	PCB_28	precip+dry_dep	0.015	0.015	0.015	0.015	-	-	0.015	0.026	0.030	0.025	0.015	0.015	0.019
SE0014R	PCB_52	precip+dry_dep	0.039	0.026	0.100	0.072	-	-	0.107	0.031	0.035	0.030	0.020	0.020	0.048
SE0014R	alpha_HCH	precip+dry_dep	0.005	0.005	0.005	0.048	0.137	0.183	0.082	0.052	0.108	0.149	0.061	0.041	0.072
SE0014R	anthracene	precip+dry_dep	0.43	0.22	0.42	0.31	5.15	0.35	0.30	0.45	0.34	0.36	0.31	0.71	0.80
SE0014R	benz_a_anthracene	precip+dry_dep	2.71	1.01	2.08	1.48	43.12	1.51	1.17	2.88	1.65	1.59	1.66	4.37	5.59
SE0014R	benzo_a_pyrene	precip+dry_dep	2.97	1.32	2.72	1.96	29.83	2.29	1.62	4.59	2.59	2.16	2.15	5.26	5.07
SE0014R	benzo_b_fluoranthene	precip+dry_dep	6.87	2.97	5.70	3.34	42.51	3.51	2.54	6.16	4.30	4.74	4.11	9.95	8.24
SE0014R	benzo_ghi_perylene	precip+dry_dep	3.42	1.94	2.99	2.08	19.30	2.07	1.42	4.20	2.22	2.44	2.74	5.83	4.31
SE0014R	benzo_k_fluoranthene	precip+dry_dep	2.48	0.97	2.02	1.17	19.11	1.41	0.98	2.76	1.71	1.63	1.45	3.64	3.36
SE0014R	chrysene	precip+dry_dep	7.75	3.40	5.42	3.43	58.31	3.29	2.38	5.19	3.87	4.82	4.53	11.03	9.69
SE0014R	dibenzo_ah_anthracene	precip+dry_dep	0.57	0.30	0.52	0.31	5.54	0.43	0.26	0.72	0.42	0.38	0.44	1.06	0.93
SE0014R	fluoranthene	precip+dry_dep	16.60	10.32	14.48	8.57	141.62	7.55	5.13	10.60	9.01	10.18	10.30	27.54	23.23
SE0014R	gamma_HCH	precip+dry_dep	0.04	0.06	0.04	0.12	0.69	1.01	0.31	0.02	0.07	0.23	0.05	0.08	0.22
SE0014R	inden_123cd_pyrene	precip+dry_dep	4.42	1.83	3.49	2.13	19.73	2.33	1.64	4.36	2.91	2.86	2.84	6.78	4.70
SE0014R	phenanthrene	precip+dry_dep	13.17	12.00	14.30	9.36	137.66	8.18	4.99	7.63	7.68	10.42	9.97	21.45	21.90
SE0014R	pp_DDD	precip+dry_dep	0.01	0.01	0.14	0.01	0.04	0.08	0.01	0.02	0.02	0.01	0.01	0.01	0.03
SE0014R	pp_DDE	precip+dry_dep	0.06	0.05	0.06	0.04	0.20	0.62	0.06	0.18	0.08	0.10	0.05	0.06	0.12
SE0014R	pp_DDT	precip+dry_dep	0.02	0.01	0.03	0.06	-	-	0.11	0.14	0.05	0.09	0.04	0.11	0.07
SE0014R	pyrene	precip+dry_dep	11.00	5.42	8.89	5.60	86.02	4.95	3.58	7.71	6.07	6.33	6.62	17.83	14.52
SE0020R	anthracene	precip+dry_dep	1.35	1.18	0.53	0.62	0.58	0.47	0.35	0.96	0.44	0.75	1.12	1.81	0.85
SE0020R	benz_a_anthracene	precip+dry_dep	8.05	8.15	3.02	2.59	1.96	2.58	1.74	2.24	2.17	3.56	6.31	9.20	4.26
SE0020R	benzo_a_pyrene	precip+dry_dep	8.89	7.31	3.10	4.19	5.54	4.17	2.66	2.72	3.18	4.02	6.50	8.81	5.07
SE0020R	benzo_b_fluoranthene	precip+dry_dep	21.19	15.28	5.97	5.40	4.95	5.97	3.83	3.77	4.86	7.19	12.30	17.08	8.92
SE0020R	benzo_ghi_perylene	precip+dry_dep	12.20	10.39	4.45	4.38	3.76	3.80	2.32	3.18	2.98	4.16	6.69	10.36	5.68
SE0020R	benzo_k_fluoranthene	precip+dry_dep	8.54	6.43	2.36	2.27	2.22	2.89	1.66	1.65	2.03	2.89	5.02	7.32	3.75
SE0020R	chrysene	precip+dry_dep	23.26	16.90	6.73	5.19	4.58	6.05	3.59	3.57	4.60	7.75	14.46	22.16	9.83
SE0020R	fluoranthene	precip+dry_dep	54.87	44.25	17.19	13.13	11.30	13.59	8.63	9.04	11.55	20.18	34.57	68.60	25.42

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
SE0020R	inden_123cd_pyrene	precip+dry_dep	15.39	12.47	4.23	3.95	3.44	4.26	2.80	2.69	3.55	5.35	9.12	12.30	6.57
SE0020R	phenanthrene	precip+dry_dep	43.79	42.17	14.99	11.51	11.06	10.62	7.41	10.39	8.57	19.44	30.47	54.25	21.90
SE0020R	pyrene	precip+dry_dep	35.31	27.26	10.94	8.81	7.51	9.15	5.96	6.32	7.87	13.63	23.74	44.19	16.63
SI0008R	benz_a_anthracene	precip+dry_dep	67.69	56.96	5.87	15.03	11.25	5.07	5.05	4.02	6.36	8.19	57.95	17.11	21.26
SI0008R	benzo_a_pyrene	precip+dry_dep	54.74	47.16	5.85	15.06	12.45	7.06	4.89	3.54	7.44	4.13	54.84	22.81	19.63
SI0008R	benzo_bjk_fluoranthenes	precip+dry_dep	256.34	229.63	37.04	76.79	71.67	42.11	15.69	15.16	40.58	35.72	282.36	122.36	100.41
SI0008R	dibenzo_ah_anthracene	precip+dry_dep	22.99	18.34	2.67	11.07	12.09	7.93	9.05	6.50	5.27	7.86	20.86	15.11	11.55
SI0008R	inden_123cd_pyrene	precip+dry_dep	89.26	81.85	7.78	17.23	16.42	2.96	4.05	4.50	8.29	7.54	100.30	42.37	31.25
ES0001R	acenaphthene	precip+dry_dep	-	0	-	0	-	1.65	-	-	-	0	-	-	-
ES0001R	acenaphthylene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-
ES0001R	anthracene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-
ES0001R	benz_a_anthracene	precip+dry_dep	-	0	-	0.17	-	0	-	-	-	0	-	-	-
ES0001R	benzo_a_pyrene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-
ES0001R	benzo_ghi_perylene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-
ES0001R	benzo_k_fluoranthene	precip+dry_dep	-	0.69	-	0	-	0	-	-	-	0	-	-	-
ES0001R	chrysene	precip+dry_dep	-	0.57	-	0	-	0	-	-	-	0	-	-	-
ES0001R	dibenzo_ah_anthracene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-
ES0001R	fluoranthene	precip+dry_dep	-	0	-	0	-	0.21	-	-	-	0	-	-	-
ES0001R	fluorene	precip+dry_dep	-	0.97	-	0	-	0	-	-	-	0	-	-	-
ES0001R	inden_123cd_pyrene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-
ES0001R	naphthalene	precip+dry_dep	-	1.72	-	0.28	-	1.55	-	-	-	0.92	-	-	-
ES0001R	phenanthrene	precip+dry_dep	-	1.54	-	0.49	-	1.16	-	-	-	0.31	-	-	-
ES0001R	pyrene	precip+dry_dep	-	0	-	0	-	0.31	-	-	-	0	-	-	-
ES0007R	acenaphthene	precip+dry_dep	-	0	-	0.32	-	0.27	-	-	-	0	-	-	-
ES0007R	acenaphthylene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-
ES0007R	anthracene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-
ES0007R	benz_a_anthracene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-
ES0007R	benzo_a_pyrene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-
ES0007R	benzo_ghi_perylene	precip+dry_dep	-	0	-	0.56	-	0	-	-	-	0	-	-	-
ES0007R	benzo_k_fluoranthene	precip+dry_dep	-	0.48	-	0	-	0	-	-	-	0	-	-	-
ES0007R	chrysene	precip+dry_dep	-	0.64	-	0.34	-	0.24	-	-	-	0	-	-	-
ES0007R	dibenzo_ah_anthracene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-
ES0007R	fluoranthene	precip+dry_dep	-	0.56	-	0	-	0.08	-	-	-	0.29	-	-	-
ES0007R	fluorene	precip+dry_dep	-	0.43	-	0.59	-	0.43	-	-	-	2.72	-	-	-
ES0007R	inden_123cd_pyrene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-
ES0007R	naphthalene	precip+dry_dep	-	0.88	-	0.25	-	0.6	-	-	-	1.42	-	-	-
ES0007R	phenanthrene	precip+dry_dep	-	1.21	-	0.49	-	0.43	-	-	-	1.37	-	-	-
ES0007R	pyrene	precip+dry_dep	-	0	-	0	-	0.13	-	-	-	0.77	-	-	-
ES0008R	acenaphthene	precip+dry_dep	-	0	-	0	-	3.04	-	-	-	0	-	-	-
ES0008R	acenaphthylene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-
ES0008R	anthracene	precip+dry_dep	-	0	-	0	-	1.6	-	-	-	6.29	-	-	-
ES0008R	benz_a_anthracene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-
ES0008R	benzo_a_pyrene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-
ES0008R	benzo_ghi_perylene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-
ES0008R	benzo_k_fluoranthene	precip+dry_dep	-	0.69	-	0	-	0	-	-	-	0	-	-	-
ES0008R	chrysene	precip+dry_dep	-	2.24	-	0.45	-	1.2	-	-	-	0.7	-	-	-
ES0008R	dibenzo_ah_anthracene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
ES0008R	fluoranthene	precip+dry_dep	-	2.36	-	0	-	0.89	-	-	-	0.23	-	-	-
ES0008R	fluorene	precip+dry_dep	-	8.36	-	0	-	4.92	-	-	-	81.27	-	-	-
ES0008R	inden_123cd_pyrene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-
ES0008R	naphthalene	precip+dry_dep	-	1.24	-	0.45	-	7.66	-	-	-	0.58	-	-	-
ES0008R	phenanthrene	precip+dry_dep	-	2.79	-	0.87	-	6.37	-	-	-	1.03	-	-	-
ES0008R	pyrene	precip+dry_dep	-	1.28	-	0	-	0.85	-	-	-	0.33	-	-	-
ES0012R	acenaphthene	precip+dry_dep	-	0	-	0.3	-	2.47	-	-	-	0	-	-	-
ES0012R	acenaphthylene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-
ES0012R	anthracene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-
ES0012R	benz_a_anthracene	precip+dry_dep	-	0	-	0.17	-	0	-	-	-	0	-	-	-
ES0012R	benzo_a_pyrene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-
ES0012R	benzo_ghi_perylene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-
ES0012R	benzo_k_fluoranthene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-
ES0012R	chrysene	precip+dry_dep	-	0	-	0.25	-	0	-	-	-	0	-	-	-
ES0012R	dibenzo_ah_anthracene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-
ES0012R	fluoranthene	precip+dry_dep	-	0.11	-	0	-	0.26	-	-	-	0	-	-	-
ES0012R	fluorene	precip+dry_dep	-	0.4	-	0.43	-	1.43	-	-	-	0.28	-	-	-
ES0012R	inden_123cd_pyrene	precip+dry_dep	-	0	-	0	-	0	-	-	-	0	-	-	-
ES0012R	naphthalene	precip+dry_dep	-	0.43	-	0.2	-	7.49	-	-	-	0.17	-	-	-
ES0012R	phenanthrene	precip+dry_dep	-	0.5	-	0.51	-	3.19	-	-	-	0.17	-	-	-
ES0012R	pyrene	precip+dry_dep	-	0.19	-	0.24	-	0.4	-	-	-	0.07	-	-	-
ES0014R	acenaphthene	precip+dry_dep	-	2.88	-	0.71	-	3.64	-	-	-	-	-	3.28	-
ES0014R	acenaphthylene	precip+dry_dep	-	0	-	0.16	-	0	-	-	-	-	-	0	-
ES0014R	anthracene	precip+dry_dep	-	0	-	0	-	2.52	-	-	-	-	-	0	-
ES0014R	benz_a_anthracene	precip+dry_dep	-	0	-	0	-	0	-	-	-	-	-	0	-
ES0014R	benzo_a_pyrene	precip+dry_dep	-	0	-	0	-	0	-	-	-	-	-	0	-
ES0014R	benzo_ghi_perylene	precip+dry_dep	-	0	-	0	-	0	-	-	-	-	-	0.68	-
ES0014R	benzo_k_fluoranthene	precip+dry_dep	-	0.17	-	0	-	0	-	-	-	-	-	0	-
ES0014R	chrysene	precip+dry_dep	-	0.14	-	0.74	-	0.49	-	-	-	-	-	0.27	-
ES0014R	dibenzo_ah_anthracene	precip+dry_dep	-	0	-	0	-	0	-	-	-	-	-	1.3	-
ES0014R	fluoranthene	precip+dry_dep	-	0	-	0	-	0.36	-	-	-	-	-	0.17	-
ES0014R	fluorene	precip+dry_dep	-	5.6	-	0	-	2.12	-	-	-	-	-	6.02	-
ES0014R	inden_123cd_pyrene	precip+dry_dep	-	0	-	0	-	0	-	-	-	-	-	0.69	-
ES0014R	naphthalene	precip+dry_dep	-	0.17	-	0.16	-	1.48	-	-	-	-	-	0.25	-
ES0014R	phenanthrene	precip+dry_dep	-	0	-	0.58	-	3.24	-	-	-	-	-	0.87	-
ES0014R	pyrene	precip+dry_dep	-	0	-	0	-	0.35	-	-	-	-	-	0	-

Annex 8

Monthly mean values on data for POPs in air

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
BE0013R	benz_a_anthracene	pm10	0.355	0.243	0.033	0.020	0.051	0.003	0.007	0.011	0.027	0.016	0.077	0.041	0.072
BE0013R	benzo_a_pyrene	pm10	0.479	0.241	0.047	0.022	0.058	0.007	0.008	0.013	0.036	0.027	0.122	0.049	0.092
BE0013R	benzo_ghi_perylene	pm10	0.613	0.340	0.104	0.045	0.066	0.006	0.015	0.029	0.064	0.053	0.198	0.100	0.134
BE0013R	chrysene	pm10	0.869	0.541	0.116	0.068	0.131	0.018	0.024	0.037	0.065	0.042	0.195	0.093	0.181
BE0013R	fluoranthene	pm10	0.443	0.606	0.070	0.052	0.038	0.015	0.020	0.028	0.049	0.029	0.142	0.069	0.127
BE0013R	inden_123cd_pyrene	pm10	0.590	0.379	0.101	0.049	0.080	0.007	0.016	0.030	0.069	0.049	0.192	0.101	0.136
BE0013R	pyrene	pm10	0.434	0.490	0.057	0.040	0.040	0.014	0.014	0.021	0.036	0.027	0.118	0.064	0.110
CZ0003R	HCB	air+pm10	40.4	37.7	61.9	49.8	76.6	58.2	51.4	67.6	59.5	61.7	54.7	44.2	56.0
CZ0003R	PCB_101	air+pm10	0.499	0.601	0.802	0.663	1.145	2.079	1.790	1.950	1.393	1.085	0.767	0.559	1.120
CZ0003R	PCB_118	air+pm10	0.177	0.187	0.178	0.120	0.218	0.781	0.547	0.606	0.402	0.356	0.235	0.119	0.328
CZ0003R	PCB_138	air+pm10	0.424	0.437	0.517	0.504	0.858	0.995	0.789	0.969	0.558	0.501	0.504	0.213	0.614
CZ0003R	PCB_153	air+pm10	0.649	0.657	0.755	0.732	1.220	1.615	1.369	1.728	1.039	0.960	0.961	0.495	1.028
CZ0003R	PCB_180	air+pm10	0.408	0.328	0.234	0.240	0.324	0.498	0.430	0.530	0.306	0.246	0.747	0.179	0.380
CZ0003R	PCB_28	air+pm10	0.621	1.070	1.185	1.238	2.182	5.215	6.333	6.782	4.518	3.383	2.382	1.548	3.060
CZ0003R	PCB_52	air+pm10	0.576	0.772	0.837	0.669	1.089	2.958	3.338	3.678	2.395	2.095	1.249	0.977	1.728
CZ0003R	acenaphthene	air+pm10	0.571	0.552	0.141	0.115	0.087	0.023	0.021	0.033	0.063	0.046	0.440	0.336	0.200
CZ0003R	acenaphthylene	air+pm10	0.848	0.909	0.114	0.138	0.045	0.006	0.005	0.011	0.030	0.114	1.896	0.617	0.404
CZ0003R	alpha_HCH	air+pm10	1.325	1.750	2.726	2.563	5.176	3.462	4.123	4.416	5.565	3.390	2.394	1.395	3.220
CZ0003R	anthracene	air+pm10	0.453	0.516	0.054	0.052	0.014	0.004	0.004	0.008	0.023	0.042	0.261	0.144	0.128
CZ0003R	benz_a_anthracene	air+pm10	1.862	2.280	0.194	0.183	0.071	0.005	0.006	0.011	0.081	0.108	0.805	0.422	0.484
CZ0003R	benzo_a_pyrene	air+pm10	1.321	1.702	0.161	0.141	0.065	0.006	0.007	0.018	0.122	0.150	0.939	0.482	0.416
CZ0003R	benzo_b_fluoranthene	air+pm10	1.785	2.306	0.217	0.197	0.103	0.012	0.014	0.031	0.180	0.198	1.147	0.577	0.549
CZ0003R	benzo_ghi_perylene	air+pm10	0.656	0.902	0.064	0.050	0.029	0.007	0.009	0.022	0.113	0.146	0.768	0.397	0.260
CZ0003R	benzo_k_fluoranthene	air+pm10	0.794	1.043	0.103	0.093	0.049	0.004	0.005	0.012	0.068	0.079	0.453	0.239	0.238
CZ0003R	delta_HCH	air+pm10	0.063	0.063	0.063	0.063	0.063	0.286	0.348	0.405	0.239	0.207	0.063	0.063	0.161
CZ0003R	dibenzo_ah_anthracene	air+pm10	0.064	0.092	0.008	0.007	0.004	0.000	0.001	0.001	0.011	0.013	0.079	0.037	0.026
CZ0003R	fluoranthene	air+pm10	8.097	9.903	1.173	0.886	0.684	0.147	0.132	0.190	0.489	0.705	2.539	2.018	2.160
CZ0003R	fluorene	air+pm10	4.659	5.941	1.116	1.011	0.595	0.159	0.162	0.277	0.537	0.771	2.663	1.856	1.606
CZ0003R	gamma_HCH	air+pm10	1.602	2.415	4.019	2.514	5.468	6.859	8.513	8.134	5.335	6.158	2.797	2.022	4.694
CZ0003R	inden_123cd_pyrene	air+pm10	0.880	1.222	0.085	0.070	0.038	0.007	0.010	0.024	0.132	0.170	0.926	0.482	0.332
CZ0003R	naphthalene	air+pm10	5.391	3.654	0.898	0.990	0.285	0.025	0.020	0.109	0.240	0.361	2.541	1.946	1.338
CZ0003R	pentachlorobenzene	air+pm10	16.15	19.82	11.88	10.74	9.78	3.24	3.70	3.57	5.46	6.18	9.78	10.22	9.14
CZ0003R	phenanthrene	air+pm10	10.42	12.68	2.16	1.58	0.94	0.31	0.29	0.50	1.03	1.69	5.68	4.77	3.41
CZ0003R	pp_DDD	air+pm10	0.239	0.265	0.192	0.217	0.391	0.997	0.989	1.216	0.604	0.843	0.432	0.332	0.562
CZ0003R	pp_DDE	air+pm10	2.784	6.210	13.449	11.497	17.868	18.885	16.835	25.184	22.685	18.471	11.265	6.339	14.498
CZ0003R	pp_DDT	air+pm10	0.627	0.943	1.614	1.657	3.055	4.242	3.496	4.690	2.808	2.132	1.731	0.631	2.344
CZ0003R	pyrene	air+pm10	4.839	5.907	0.617	0.493	0.340	0.065	0.060	0.106	0.318	0.482	1.922	1.320	1.323
DE0001R	PCB_101	air+pm10	1.055	1.391	1.383	0.527	1.593	1.750	1.543	1.865	1.854	2.056	1.044	1.027	1.426
DE0001R	PCB_118	air+pm10	0.244	0.348	0.318	0.228	0.386	0.372	0.394	0.425	0.454	0.521	0.317	0.316	0.361
DE0001R	PCB_138	air+pm10	1.006	1.133	1.033	0.617	1.115	1.232	1.041	1.413	1.408	1.138	0.507	0.311	0.996
DE0001R	PCB_153	air+pm10	0.954	1.046	1.151	0.607	1.375	1.476	1.058	1.522	1.502	1.693	1.078	0.880	1.197
DE0001R	PCB_180	air+pm10	0.261	0.269	0.229	0.211	0.340	0.385	0.278	0.367	0.335	0.217	0.151	0.106	0.262
DE0001R	PCB_28	air+pm10	1.086	1.603	1.311	0.396	1.271	1.016	1.365	1.345	2.540	2.455	1.905	1.410	1.474
DE0001R	PCB_52	air+pm10	1.038	1.533	1.303	0.696	1.897	1.692	2.184	2.158	2.173	2.152	1.286	1.045	1.599
DE0001R	aldrin	air+pm10	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
DE0001R	alpha_HCH	air+pm10	2.395	3.940	2.270	1.826	3.293	2.995	2.279	2.730	4.693	4.145	3.042	2.566	3.005

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
DE0001R	anthracene	air+pm10	0.104	0.134	0.030	0.016	0.026	0.017	0.031	0.035	0.023	0.019	0.028	0.018	0.039
DE0001R	benz_a_anthracene	air+pm10	0.182	0.208	0.057	0.005	0.005	0.005	0.002	0.003	0.019	0.010	0.036	0.014	0.045
DE0001R	benzo_a_pyrene	air+pm10	0.223	0.251	0.070	0.004	0.007	0.004	0.002	0.005	0.032	0.007	0.032	0.010	0.053
DE0001R	benzo_bjk_fluoranthenes	air+pm10	0.796	0.912	0.264	0.027	0.028	0.018	0.010	0.020	0.102	0.041	0.133	0.064	0.197
DE0001R	benzo_ghi_perylene	air+pm10	0.246	0.254	0.084	0.008	0.010	0.006	0.004	0.007	0.033	0.014	0.056	0.026	0.061
DE0001R	chrysene_triphenylene	air+pm10	0.452	0.524	0.159	0.023	0.023	0.022	0.013	0.018	0.059	0.033	0.095	0.040	0.119
DE0001R	dibenzo_ah_anthracene	air+pm10	0.032	0.036	0.014	0.001	0.002	0.001	0.001	0.001	0.006	0.002	0.010	0.004	0.009
DE0001R	dieldrin	air+pm10	0.898	1.347	2.109	1.052	3.086	2.146	1.755	2.421	1.996	4.176	1.788	1.139	2.001
DE0001R	endrin	air+pm10	0.002	0.002	0.002	0.075	0.098	0.076	0.002	0.002	0.002	0.116	0.073	0.059	0.043
DE0001R	fluoranthene	air+pm10	1.558	2.395	0.607	0.101	0.276	0.156	0.217	0.412	0.399	0.183	0.378	0.194	0.562
DE0001R	gamma_HCH	air+pm10	3.852	5.196	4.837	4.235	11.545	11.855	18.322	18.301	14.374	10.732	4.578	4.060	9.365
DE0001R	inden_123cd_pyrene	air+pm10	0.272	0.293	0.096	0.009	0.010	0.005	0.004	0.008	0.037	0.013	0.063	0.026	0.068
DE0001R	op_DDD	air+pm10	0.054	0.093	0.081	0.058	0.135	0.133	0.209	0.198	0.223	0.174	0.091	0.070	0.127
DE0001R	op_DDE	air+pm10	0.112	0.258	0.164	0.074	0.136	0.115	0.097	0.110	0.314	0.173	0.118	0.101	0.147
DE0001R	op_DDT	air+pm10	0.147	0.363	0.383	0.151	0.424	0.154	0.559	0.581	1.421	0.646	0.314	0.227	0.447
DE0001R	phenanthrene	air+pm10	5.689	8.076	1.893	0.450	1.409	0.798	1.352	1.704	1.212	0.600	1.533	0.659	2.078
DE0001R	pp_DDD	air+pm10	0.057	0.149	0.069	0.037	0.087	0.110	0.606	0.371	0.317	0.171	0.084	0.057	0.177
DE0001R	pp_DDE	air+pm10	1.075	2.285	2.295	0.552	1.970	1.587	1.550	1.930	11.052	4.948	2.468	1.088	2.724
DE0001R	pp_DDT	air+pm10	0.293	0.642	0.550	0.242	0.517	0.716	2.590	1.728	1.981	0.795	0.413	0.221	0.893
DE0001R	pyrene	air+pm10	0.890	1.170	0.306	0.052	0.099	0.066	0.431	0.284	0.325	0.091	0.203	0.102	0.330
DE0002R	PCB_101	air+pm10	0.982	1.405	1.694	0.755	1.583	1.573	2.142	2.519	1.685	2.052	1.580	1.069	1.590
DE0002R	PCB_118	air+pm10	0.246	0.345	0.361	0.260	0.356	0.377	0.465	0.479	0.364	0.359	0.279	0.154	0.337
DE0002R	PCB_138	air+pm10	1.005	1.150	0.881	0.670	1.086	1.250	1.264	1.410	0.973	1.261	0.945	0.593	1.041
DE0002R	PCB_153	air+pm10	0.916	1.014	1.102	0.806	1.168	1.226	1.419	1.567	1.054	1.214	0.958	0.586	1.087
DE0002R	PCB_180	air+pm10	0.386	0.280	0.256	0.246	0.013	0.350	0.285	0.305	0.201	0.264	0.251	0.176	0.251
DE0002R	PCB_28	air+pm10	1.514	2.020	2.184	1.221	1.438	1.177	1.504	2.051	2.034	2.711	2.523	1.946	1.860
DE0002R	PCB_52	air+pm10	1.157	1.648	2.221	0.866	1.477	1.410	2.207	2.801	2.009	2.950	2.838	1.814	1.954
DE0002R	aldrin	air+pm10	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.022	0.022	0.001	0.001	0.001	0.004
DE0002R	alpha_HCH	air+pm10	2.485	4.141	4.043	2.326	2.990	2.161	2.970	3.373	6.054	5.283	4.455	3.608	3.652
DE0002R	anthracene	air+pm10	0.098	0.266	0.053	0.028	0.011	0.012	0.004	0.005	0.009	0.016	0.084	0.052	0.052
DE0002R	benz_a_anthracene	air+pm10	0.457	0.940	0.203	0.025	0.009	0.008	0.003	0.007	0.022	0.022	0.143	0.073	0.154
DE0002R	benzo_a_pyrene	air+pm10	0.540	1.034	0.232	0.027	0.018	0.006	0.004	0.010	0.023	0.021	0.147	0.069	0.172
DE0002R	benzo_bjk_fluoranthenes	air+pm10	2.302	2.637	0.691	0.136	0.063	0.024	0.016	0.040	0.091	0.091	0.511	0.293	0.562
DE0002R	benzo_ghi_perylene	air+pm10	0.610	0.875	0.229	0.049	0.023	0.008	0.006	0.013	0.030	0.038	0.195	0.133	0.180
DE0002R	chrysene_triphenylene	air+pm10	1.131	1.603	0.394	0.095	0.043	0.022	0.013	0.025	0.051	0.065	0.307	0.186	0.320
DE0002R	dibenzo_ah_anthracene	air+pm10	0.068	0.124	0.038	0.010	0.004	0.002	0.001	0.002	0.005	0.007	0.040	0.021	0.026
DE0002R	dieldrin	air+pm10	1.075	1.777	3.214	2.745	3.287	2.773	4.776	3.916	5.244	5.988	2.996	2.005	3.328
DE0002R	endrin	air+pm10	0.002	0.002	0.002	0.074	0.077	0.078	0.134	0.119	0.119	0.002	0.002	0.002	0.051
DE0002R	fluoranthene	air+pm10	3.488	6.840	1.587	0.469	0.311	0.182	0.155	0.194	0.237	0.388	1.266	0.826	1.292
DE0002R	gamma_HCH	air+pm10	9.234	11.068	15.041	8.516	13.641	14.035	14.914	18.572	14.263	15.783	12.310	9.338	13.085
DE0002R	inden_123cd_pyrene	air+pm10	0.664	0.983	0.259	0.055	0.024	0.009	0.006	0.014	0.037	0.041	0.222	0.143	0.200
DE0002R	op_DDD	air+pm10	0.064	0.097	0.078	0.087	0.238	0.271	0.147	0.219	0.174	0.103	0.085	0.044	0.134
DE0002R	op_DDE	air+pm10	0.218	0.361	0.264	0.121	0.335	0.342	0.181	0.365	0.374	0.232	0.247	0.134	0.264
DE0002R	op_DDT	air+pm10	0.561	1.471	1.713	0.399	2.246	2.812	1.368	2.756	2.322	1.623	1.162	0.531	1.580
DE0002R	phenanthrene	air+pm10	11.563	21.043	5.916	2.354	1.855	1.166	0.735	1.095	1.365	2.468	4.116	4.014	4.702
DE0002R	pp_DDD	air+pm10	0.136	0.223	0.133	0.135	0.309	0.380	0.220	0.297	0.239	0.122	0.084	0.053	0.194
DE0002R	pp_DDE	air+pm10	3.161	5.908	7.389	3.814	13.050	13.321	5.408	14.462	16.813	10.191	8.856	3.715	8.845

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
DE0002R	pp_DDT	air+pm10	1.300	3.058	2.239	1.034	3.295	3.788	2.214	3.911	3.279	2.392	1.582	0.762	2.399
DE0002R	pyrene	air+pm10	2.167	3.670	0.793	0.242	0.118	0.072	0.059	0.080	0.137	0.185	0.709	0.511	0.709
DE0003R	anthracene	air+pm10	0.020	0.035	0.019	0.015	0.012	0.018	0.016	0.020	0.013	0.021	0.021	0.031	0.020
DE0003R	benz_a_anthracene	air+pm10	0.018	0.037	0.016	0.010	0.004	0.003	0.002	0.003	0.004	0.006	0.013	0.023	0.011
DE0003R	benzo_a_pyrene	air+pm10	0.021	0.049	0.025	0.018	0.008	0.004	0.004	0.004	0.006	0.009	0.013	0.028	0.016
DE0003R	benzo_bjk_fluoranthenes	air+pm10	0.100	0.161	0.078	0.062	0.023	0.014	0.012	0.014	0.023	0.030	0.062	0.095	0.056
DE0003R	benzo_ghi_perylene	air+pm10	0.040	0.059	0.034	0.023	0.010	0.006	0.005	0.006	0.009	0.016	0.027	0.044	0.023
DE0003R	chrysene_triphenylene	air+pm10	0.063	0.106	0.052	0.039	0.016	0.013	0.010	0.012	0.014	0.020	0.044	0.066	0.037
DE0003R	dibenzo_ah_anthracene	air+pm10	0.005	0.010	0.004	0.005	0.001	0.001	0.001	0.001	0.001	0.002	0.004	0.006	0.003
DE0003R	fluoranthene	air+pm10	0.360	0.498	0.256	0.153	0.117	0.148	0.135	0.168	0.111	0.120	0.239	0.362	0.220
DE0003R	inden_123cd_pyrene	air+pm10	0.043	0.072	0.036	0.025	0.010	0.005	0.005	0.006	0.010	0.016	0.030	0.050	0.025
DE0003R	phenanthrene	air+pm10	1.790	2.627	1.068	0.924	0.693	0.793	0.681	0.826	0.607	0.806	1.392	1.515	1.133
DE0003R	pyrene	air+pm10	0.170	0.248	0.134	0.078	0.052	0.066	0.063	0.070	0.063	0.064	0.127	0.188	0.110
DE0008R	anthracene	air+pm10	0.204	0.655	0.302	0.158	0.050	0.053	0.021	0.325	0.028	1.101	0.052	0.495	0.286
DE0008R	benz_a_anthracene	air+pm10	0.185	0.187	0.339	0.038	0.015	0.006	0.003	0.073	0.013	0.282	0.046	0.158	0.112
DE0008R	benzo_a_pyrene	air+pm10	0.227	0.139	0.316	0.043	0.020	0.007	0.004	0.034	0.014	0.211	0.043	0.134	0.100
DE0008R	benzo_bjk_fluoranthenes	air+pm10	0.679	0.585	0.933	0.151	0.065	0.021	0.015	0.155	0.059	0.493	0.149	0.423	0.311
DE0008R	benzo_ghi_perylene	air+pm10	0.207	0.207	0.273	0.053	0.025	0.008	0.006	0.046	0.023	0.199	0.064	0.168	0.106
DE0008R	chrysene_triphenylene	air+pm10	0.498	0.439	0.615	0.107	0.046	0.023	0.015	0.108	0.039	0.429	0.115	0.350	0.232
DE0008R	dibenzo_ah_anthracene	air+pm10	0.035	0.032	0.048	0.011	0.005	0.001	0.001	0.008	0.004	0.038	0.013	0.033	0.019
DE0008R	fluoranthene	air+pm10	2.080	2.420	2.323	0.516	0.314	0.255	0.215	0.636	0.251	2.276	0.593	1.867	1.143
DE0008R	inden_123cd_pyrene	air+pm10	0.248	0.242	0.316	0.060	0.028	0.008	0.007	0.057	0.025	0.242	0.080	0.207	0.127
DE0008R	phenanthrene	air+pm10	5.449	9.992	6.301	2.948	2.324	1.957	1.479	3.228	1.579	7.175	2.954	7.597	4.392
DE0008R	pyrene	air+pm10	1.335	1.731	1.505	0.312	0.189	0.176	0.174	0.573	0.177	1.976	0.358	1.263	0.813
DE0009R	PCB_101	air+pm10	0.622	0.790	1.028	0.048	0.646	0.628	0.996	1.044	0.904	1.309	0.646	0.455	0.762
DE0009R	PCB_118	air+pm10	0.163	0.271	0.241	0.229	0.211	0.241	0.290	0.288	0.279	0.307	0.171	0.136	0.236
DE0009R	PCB_138	air+pm10	0.672	0.730	0.740	0.551	0.356	0.527	0.811	0.749	0.565	0.449	0.449	0.362	0.579
DE0009R	PCB_153	air+pm10	0.622	0.648	0.726	0.361	0.560	0.442	0.900	0.859	0.638	0.988	0.573	0.469	0.650
DE0009R	PCB_180	air+pm10	0.198	0.210	0.159	0.184	0.192	0.179	0.195	0.148	0.112	0.136	0.110	0.092	0.159
DE0009R	PCB_28	air+pm10	0.928	1.552	1.375	0.110	0.555	0.537	1.063	1.250	1.525	2.192	1.837	1.377	1.191
DE0009R	PCB_52	air+pm10	0.738	1.070	1.169	0.239	0.681	0.674	1.146	1.107	1.151	1.749	1.042	0.737	0.960
DE0009R	aldrin	air+pm10	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
DE0009R	alpha_HCH	air+pm10	1.993	3.051	2.688	1.767	2.462	2.227	2.278	2.348	4.273	4.843	3.620	2.393	2.825
DE0009R	anthracene	air+pm10	0.107	0.152	0.069	0.028	0.024	0.029	0.026	0.031	0.010	0.021	0.049	0.037	0.048
DE0009R	benz_a_anthracene	air+pm10	0.692	0.764	0.183	0.015	0.009	0.006	0.007	0.007	0.016	0.028	0.106	0.072	0.155
DE0009R	benzo_a_pyrene	air+pm10	0.725	0.823	0.219	0.020	0.010	0.007	0.008	0.010	0.025	0.025	0.116	0.079	0.168
DE0009R	benzo_bjk_fluoranthenes	air+pm10	2.499	2.311	0.568	0.078	0.044	0.029	0.033	0.040	0.076	0.103	0.356	0.258	0.523
DE0009R	benzo_ghi_perylene	air+pm10	0.635	0.727	0.218	0.028	0.015	0.011	0.012	0.012	0.028	0.044	0.150	0.110	0.162
DE0009R	chrysene_triphenylene	air+pm10	1.786	1.637	0.408	0.056	0.039	0.024	0.021	0.025	0.044	0.067	0.225	0.175	0.368
DE0009R	dibenzo_ah_anthracene	air+pm10	0.134	0.149	0.042	0.005	0.002	0.002	0.000	0.002	0.004	0.008	0.030	0.019	0.032
DE0009R	dieldrin	air+pm10	0.616	0.889	1.704	0.865	1.734	1.749	1.982	1.921	1.575	2.363	1.017	0.838	1.444
DE0009R	endrin	air+pm10	0.002	0.002	0.002	0.002	0.002	0.002	0.101	0.065	0.057	0.106	0.002	0.002	0.029
DE0009R	fluoranthene	air+pm10	3.263	4.735	1.262	0.162	0.167	0.151	0.191	0.193	0.174	0.275	0.734	0.655	0.974
DE0009R	gamma_HCH	air+pm10	5.725	7.543	9.096	7.298	13.617	12.793	13.302	12.006	10.708	15.101	7.963	7.318	10.234
DE0009R	inden_123cd_pyrene	air+pm10	0.745	0.832	0.245	0.030	0.016	0.010	0.013	0.013	0.035	0.048	0.179	0.129	0.187

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
DE0009R	op_DDD	air+pm10	0.155	0.146	0.211	0.128	0.341	0.281	1.142	0.333	0.249	0.313	0.183	0.176	0.307
DE0009R	op_DDE	air+pm10	0.351	0.380	0.329	0.226	0.422	0.345	0.459	0.339	0.317	0.561	0.400	0.269	0.367
DE0009R	op_DDT	air+pm10	1.001	1.879	1.931	1.609	4.346	4.252	3.381	3.180	2.753	2.701	1.777	0.881	2.478
DE0009R	phenanthrene	air+pm10	4.105	10.275	2.357	0.852	0.790	0.763	0.750	0.863	0.643	1.480	2.954	2.731	2.327
DE0009R	pp_DDD	air+pm10	0.380	0.328	0.419	0.249	0.943	0.452	2.175	0.228	0.299	0.619	0.173	0.156	0.540
DE0009R	pp_DDE	air+pm10	4.033	4.916	7.602	4.261	9.449	9.708	6.211	8.720	10.733	18.003	10.529	5.837	8.357
DE0009R	pp_DDT	air+pm10	2.769	4.129	3.466	3.781	16.922	8.987	6.941	6.343	4.604	6.720	3.203	2.449	5.882
DE0009R	pyrene	air+pm10	2.535	2.611	0.748	0.108	0.094	0.104	0.117	0.110	0.121	0.172	0.455	0.400	0.620
DK0010G	BDE_100	air	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
DK0010G	BDE_138	air	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
DK0010G	BDE_153	air	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
DK0010G	BDE_154	air	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
DK0010G	BDE_183	air	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
DK0010G	BDE_28	air	0.054	0.035	0.032	0.036	0.001	0.028	0.032	0.001	0.001	0.001	0.001	0.001	0.018
DK0010G	BDE_47	air	0.205	0.081	0.060	0.195	0.122	0.060	0.222	0.060	0.060	0.126	0.124	0.060	0.115
DK0010G	BDE_66	air	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
DK0010G	BDE_71	air	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
DK0010G	BDE_85	air	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
DK0010G	BDE_99	air	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
DK0010G	HCB	air	79.11	72.20	79.47	83.15	89.57	78.55	73.67	86.62	89.09	90.38	80.66	76.94	81.74
DK0010G	aldrin	air	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
DK0010G	alpha_HCH	air	3.700	3.642	3.785	4.889	5.421	3.480	3.803	6.385	6.428	8.130	6.850	5.348	5.215
DK0010G	beta_HCH	air	0.043	0.037	0.035	0.075	0.026	0.041	0.039	0.039	0.059	0.095	0.075	0.143	0.058
DK0010G	cis_CD	air	0.270	0.207	0.230	0.446	0.528	0.479	0.441	0.460	0.485	0.545	0.536	0.559	0.430
DK0010G	cis_NO	air	0.001	0.001	0.001	0.001	0.001	0.168	0.001	0.001	0.001	0.001	0.001	0.001	0.011
DK0010G	dieldrin	air	0.418	0.417	0.425	0.659	0.951	1.276	1.239	0.979	1.034	1.040	0.852	1.127	0.855
DK0010G	endosulfan	air	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
DK0010G	endrin	air	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
DK0010G	gamma_HCH	air	0.702	0.615	0.668	0.819	1.075	0.595	0.637	1.265	1.025	1.563	1.850	1.409	1.034
DK0010G	heptachlor	air	0.172	0.132	0.117	0.037	0.096	0.097	0.090	0.069	0.119	0.077	0.149	0.342	0.122
DK0010G	heptachlorepoxyde	air	0.221	0.180	0.216	0.416	0.483	0.464	0.469	0.492	0.587	0.651	0.599	0.567	0.445
DK0010G	op_DDE	air	0.655	0.441	0.429	0.279	0.275	0.345	0.421	0.281	0.177	0.248	0.489	0.954	0.410
DK0010G	op_DDT	air	0.196	0.161	0.187	0.203	0.201	0.217	0.279	0.177	0.141	0.177	0.213	0.295	0.202
DK0010G	pp_DDD	air	0.135	0.124	0.133	0.110	0.132	0.287	0.376	0.179	0.128	0.092	0.093	0.199	0.161
DK0010G	pp_DDE	air	0.655	0.441	0.429	0.279	0.275	0.345	0.421	0.281	0.177	0.248	0.489	0.954	0.410
DK0010G	pp_DDT	air	0.205	0.184	0.224	0.236	0.303	0.425	0.554	0.281	0.175	0.159	0.171	0.225	0.257
DK0010G	trans_CD	air	0.151	0.153	0.150	0.196	0.155	0.226	0.235	0.255	0.118	0.154	0.130	0.289	0.181
DK0010G	trans_NO	air	0.001	0.001	0.001	0.001	0.328	0.243	0.390	0.190	0.205	0.334	0.165	0.156	0.166
EE0009R	benzo_a_pyrene	pm10	0.183	0.183	0.090	0.053	0.023	0.014	0.011	0.010	0.044	0.070	0.082	0.109	0.073
ES0001R	acenaphthene	pm10	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.009	0.000	0.000	0.000	0.001
ES0001R	acenaphthylene	pm10	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
ES0001R	anthracene	pm10	0.008	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.005	0.000	0.000	0.002
ES0001R	benz_a_anthracene	pm10	0.004	0.002	0.002	0.002	0.002	0.000	0.002	0.002	0.002	0.002	0.004	0.004	0.002
ES0001R	benzo_a_pyrene	pm10	0.027	0.014	0.000	0.007	0.002	0.002	0.000	0.002	0.000	0.002	0.016	0.012	0.007
ES0001R	benzo_ghi_perylene	pm10	0.239	0.065	0.044	0.036	0.022	0.005	0.003	0.003	0.002	0.004	0.069	0.046	0.045

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
ES0001R	benzo_k_fluoranthene	pm10	0.269	0.051	0.067	0.054	0.004	0.002	0.005	0.002	0.002	0.002	0.094	0.062	0.051
ES0001R	chrysene	pm10	0.021	0.014	0.008	0.009	0.003	0.003	0.002	0.002	0.002	0.006	0.018	0.036	0.010
ES0001R	dibenzo_ah_anthracene	pm10	0.045	0.023	0.006	0.008	0.016	0.000	0.000	0.002	0.002	0.002	0.015	0.014	0.011
ES0001R	fluoranthene	pm10	0.015	0.011	0.009	0.013	0.000	0.000	0.000	0.000	0.003	0.008	0.016	0.035	0.009
ES0001R	fluorene	pm10	0.000	0.000	0.016	0.000	0.182	0.049	0.042	0.032	0.000	0.000	0.000	0.000	0.027
ES0001R	inden_123cd_pyrene	pm10	0.366	0.082	0.070	0.047	0.026	0.005	0.004	0.002	0.002	0.005	0.123	0.084	0.068
ES0001R	naphthalene	pm10	0.000	0.000	0.000	0.000	0.009	0.028	0.000	0.000	0.009	0.000	0.000	0.000	0.004
ES0001R	phenanthrene	pm10	0.011	0.000	0.010	0.000	0.000	0.024	0.010	0.010	0.004	0.020	0.013	0.042	0.012
ES0001R	pyrene	pm10	0.013	0.008	0.003	0.012	0.000	0.000	0.000	0.000	0.003	0.006	0.013	0.024	0.007
ES0007R	acenaphthene	pm10	0.000	0.057	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004
ES0007R	acenaphthylene	pm10	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
ES0007R	anthracene	pm10	0.004	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.005	0.000	0.001
ES0007R	benz_a_anthracene	pm10	0.005	0.002	0.005	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.013	0.006	0.004
ES0007R	benzo_a_pyrene	pm10	0.045	0.030	0.000	0.007	0.005	0.002	0.002	0.002	0.002	0.002	0.020	0.015	0.011
ES0007R	benzo_ghi_perylene	pm10	0.489	0.173	0.064	0.036	0.014	0.025	0.008	0.004	0.004	0.004	0.023	0.034	0.073
ES0007R	benzo_k_fluoranthene	pm10	0.622	0.157	0.109	0.054	0.007	0.007	0.012	0.002	0.002	0.002	0.027	0.025	0.086
ES0007R	chrysene	pm10	0.031	0.017	0.018	0.009	0.005	0.005	0.002	0.002	0.005	0.004	0.032	0.023	0.013
ES0007R	dibenzo_ah_anthracene	pm10	0.080	0.029	0.010	0.008	0.006	0.003	0.000	0.002	0.002	0.000	0.002	0.005	0.012
ES0007R	fluoranthene	pm10	0.021	0.008	0.013	0.013	0.000	0.003	0.000	0.003	0.003	0.007	0.040	0.015	0.011
ES0007R	fluorene	pm10	0.000	0.058	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004
ES0007R	inden_123cd_pyrene	pm10	0.845	0.246	0.117	0.047	0.016	0.023	0.013	0.004	0.002	0.004	0.030	0.038	0.115
ES0007R	naphthalene	pm10	0.000	0.000	0.000	0.000	0.009	0.009	0.000	0.000	0.009	0.000	0.000	0.001	0.002
ES0007R	phenanthrene	pm10	0.005	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.014	0.017	0.011	0.005
ES0007R	pyrene	pm10	0.020	0.007	0.010	0.012	0.018	0.008	0.003	0.011	0.003	0.009	0.039	0.012	0.013
ES0008R	acenaphthene	pm10	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.001
ES0008R	acenaphthylene	pm10	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
ES0008R	anthracene	pm10	0.008	0.007	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.004	0.001	0.002
ES0008R	benz_a_anthracene	pm10	0.008	0.008	0.010	0.021	0.006	0.006	0.002	0.002	0.008	0.008	0.009	0.005	0.008
ES0008R	benzo_a_pyrene	pm10	0.071	0.058	0.000	0.024	0.000	0.000	0.026	0.000	0.006	0.011	0.026	0.009	0.019
ES0008R	benzo_ghi_perylene	pm10	0.591	0.689	0.104	0.120	0.293	0.886	0.204	0.025	0.035	0.002	0.097	0.213	0.268
ES0008R	benzo_k_fluoranthene	pm10	0.820	0.683	0.213	0.275	0.290	0.446	0.400	0.027	0.027	0.028	0.156	0.183	0.293
ES0008R	chrysene	pm10	0.044	0.066	0.048	0.061	0.063	0.089	0.026	0.018	0.037	0.037	0.037	0.026	0.046
ES0008R	dibenzo_ah_anthracene	pm10	0.125	0.152	0.030	0.022	0.095	0.170	0.054	0.005	0.007	0.010	0.015	0.045	0.060
ES0008R	fluoranthene	pm10	0.035	0.057	0.033	0.036	0.049	0.060	0.020	0.019	0.025	0.036	0.028	0.017	0.034
ES0008R	fluorene	pm10	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ES0008R	inden_123cd_pyrene	pm10	0.907	0.900	0.208	0.195	0.450	1.063	0.446	0.041	0.041	0.045	0.161	0.281	0.391
ES0008R	naphthalene	pm10	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.009	0.000	0.009	0.000	0.002
ES0008R	phenanthrene	pm10	0.010	0.043	0.020	0.023	0.033	0.034	0.004	0.040	0.044	0.021	0.042	0.008	0.027
ES0008R	pyrene	pm10	0.031	0.032	0.019	0.041	0.019	0.035	0.007	0.009	0.014	0.024	0.017	0.010	0.021
ES0012R	acenaphthene	pm10	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.001
ES0012R	acenaphthylene	pm10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.001
ES0012R	anthracene	pm10	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
ES0012R	benz_a_anthracene	pm10	0.002	0.002	0.002	0.004	0.002	0.002	0.002	0.002	0.002	0.002	0.004	0.002	0.002
ES0012R	benzo_a_pyrene	pm10	0.013	0.002	0.000	0.006	0.002	0.000	0.000	0.002	0.000	0.002	0.006	0.005	0.003
ES0012R	benzo_ghi_perylene	pm10	0.072	0.022	0.045	0.021	0.002	0.062	0.013	0.002	0.002	0.002	0.006	0.010	0.022

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
ES0012R	benzo_k_fluoranthene	pm10	0.114	0.016	0.065	0.050	0.002	0.016	0.020	0.002	0.002	0.002	0.009	0.008	0.026
ES0012R	chrysene	pm10	0.008	0.007	0.010	0.009	0.002	0.002	0.002	0.002	0.002	0.002	0.012	0.008	0.006
ES0012R	dibenzo_ah_anthracene	pm10	0.014	0.003	0.006	0.008	0.002	0.011	0.000	0.002	0.002	0.002	0.000	0.002	0.004
ES0012R	fluoranthene	pm10	0.003	0.003	0.007	0.007	0.000	0.003	0.000	0.000	0.003	0.003	0.010	0.007	0.004
ES0012R	fluorene	pm10	0.000	0.000	0.000	0.000	0.000	0.000	0.044	0.000	0.000	0.000	0.000	0.000	0.004
ES0012R	inden_123cd_pyrene	pm10	0.123	0.025	0.073	0.038	0.004	0.056	0.025	0.002	0.002	0.002	0.009	0.011	0.031
ES0012R	naphthalene	pm10	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.001
ES0012R	phenanthrene	pm10	0.002	0.000	0.000	0.000	0.000	0.011	0.000	0.009	0.000	0.012	0.005	0.006	0.004
ES0012R	pyrene	pm10	0.003	0.003	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.003	0.009	0.006	0.003
ES0014R	acenaphthene	pm10	0.000	0.049	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.004
ES0014R	acenaphthylene	pm10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.001
ES0014R	anthracene	pm10	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
ES0014R	benz_a_anthracene	pm10	0.002	0.005	0.002	0.004	0.002	0.002	0.002	0.002	0.002	0.002	0.009	0.007	0.003
ES0014R	benzo_a_pyrene	pm10	0.027	0.023	0.000	0.008	0.000	0.000	0.000	0.002	0.000	0.002	0.056	0.015	0.011
ES0014R	benzo_ghi_perylene	pm10	0.122	0.083	0.055	0.045	0.004	0.033	0.040	0.002	0.002	0.002	0.441	0.024	0.070
ES0014R	benzo_k_fluoranthene	pm10	0.151	0.061	0.089	0.110	0.002	0.020	0.041	0.002	0.002	0.002	0.673	0.019	0.097
ES0014R	chrysene	pm10	0.016	0.022	0.018	0.019	0.002	0.002	0.006	0.002	0.002	0.004	0.037	0.020	0.012
ES0014R	dibenzo_ah_anthracene	pm10	0.013	0.013	0.012	0.010	0.005	0.000	0.000	0.000	0.002	0.000	0.055	0.004	0.009
ES0014R	fluoranthene	pm10	0.010	0.008	0.013	0.012	0.000	0.003	0.008	0.000	0.003	0.003	0.020	0.011	0.008
ES0014R	fluorene	pm10	0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002
ES0014R	inden_123cd_pyrene	pm10	0.154	0.096	0.117	0.084	0.006	0.024	0.031	0.002	0.002	0.002	0.681	0.028	0.101
ES0014R	naphthalene	pm10	0.000	0.009	0.000	0.000	0.038	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.005
ES0014R	phenanthrene	pm10	0.004	0.000	0.000	0.000	0.000	0.031	0.010	0.000	0.000	0.007	0.008	0.008	0.006
ES0014R	pyrene	pm10	0.011	0.000	0.011	0.016	0.000	0.000	0.011	0.000	0.003	0.003	0.017	0.010	0.007
FI0018R	anthracene	pm10	0.058	0.085	0.031	0.019	0.007	0.002	0.002	0.002	0.006	0.018	0.038	0.026	0.024
FI0018R	benz_a_anthracene	pm10	0.177	0.212	0.097	0.067	0.044	0.037	0.038	0.025	0.082	0.105	0.171	0.120	0.097
FI0018R	benzo_a_pyrene	pm10	0.198	0.237	0.159	0.096	0.030	0.029	0.029	0.031	0.107	0.137	0.205	0.165	0.117
FI0018R	benzo_bjk_fluoranthenes	pm10	0.543	0.565	0.352	0.204	0.105	0.103	0.113	0.064	0.216	0.247	0.452	0.373	0.276
FI0018R	benzo_ghi_perylene	pm10	0.219	0.262	0.167	0.096	0.063	0.070	0.074	0.020	0.128	0.140	0.243	0.188	0.138
FI0018R	chrysene	pm10	0.308	0.348	0.159	0.115	0.072	0.063	0.064	0.041	0.120	0.147	0.249	0.193	0.155
FI0018R	dibenzo_ac_ah_anthracenes	pm10	0.032	0.032	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.029	0.012	0.017
FI0018R	fluoranthene	pm10	0.811	0.983	0.408	0.288	0.173	0.128	0.103	0.081	0.197	0.320	0.603	0.465	0.376
FI0018R	inden_123cd_pyrene	pm10	0.193	0.187	0.103	0.064	0.043	0.044	0.044	0.027	0.103	0.109	0.189	0.114	0.101
FI0018R	phenanthrene	pm10	0.651	0.840	0.284	0.173	0.094	0.034	0.034	0.035	0.079	0.166	0.335	0.291	0.247
FI0018R	pyrene	pm10	0.684	1.192	0.354	0.251	0.159	0.122	0.102	0.082	0.203	0.316	0.558	0.414	0.364
FI0036R	anthracene	pm10	0.010	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.006	0.002
FI0036R	benz_a_anthracene	pm10	0.040	0.014	0.009	0.005	0.002	0.002	0.002	0.002	0.005	0.008	0.014	0.036	0.012
FI0036R	benzo_a_pyrene	pm10	0.053	0.027	0.021	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.020	0.052	0.019
FI0036R	benzo_bjk_fluoranthenes	pm10	0.150	0.073	0.048	0.017	0.010	0.014	0.013	0.009	0.024	0.030	0.042	0.108	0.045
FI0036R	chrysene	pm10	0.077	0.032	0.018	0.013	0.008	0.010	0.011	0.009	0.013	0.015	0.021	0.054	0.023
FI0036R	fluoranthene	pm10	0.170	0.095	0.054	0.039	0.013	0.013	0.013	0.013	0.028	0.040	0.052	0.120	0.054
FI0036R	inden_123cd_pyrene	pm10	0.047	0.009	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.028	0.013
FI0036R	phenanthrene	pm10	0.087	0.037	0.019	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.009	0.049	0.021
FI0036R	pyrene	pm10	0.139	0.044	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.045	0.109	0.057

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
FI0036R	BDE_100	air+aerosol	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
FI0036R	BDE_153	air+aerosol	0.022	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
FI0036R	BDE_154	air+aerosol	0.037	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035
FI0036R	BDE_47	air+aerosol	0.063	0.038	0.038	0.007	0.109	0.271	0.209	0.115	0.064	0.089	0.041	0.044	0.091
FI0036R	BDE_85	air+aerosol	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
FI0036R	BDE_99	air+aerosol	0.015	0.015	0.015	0.015	0.028	0.152	0.074	0.043	0.015	0.038	0.015	0.015	0.037
FI0036R	FTS_6-2	air+aerosol	-	-	-	-	-	-	0.050	0.050	0.050	0.050	0.050	0.050	-
FI0036R	HCB	air+aerosol	57.87	53.86	52.00	55.73	52.29	27.00	27.90	28.16	36.00	55.74	74.27	63.00	48.61
FI0036R	PCB_101	air+aerosol	0.181	0.169	0.244	0.261	0.318	1.024	0.681	0.537	0.334	0.346	0.266	0.204	0.381
FI0036R	PCB_118	air+aerosol	0.031	0.105	0.025	0.020	0.056	0.395	0.147	0.124	0.210	0.102	0.066	0.020	0.108
FI0036R	PCB_138	air+aerosol	0.025	0.025	0.025	0.020	0.064	0.469	0.049	0.020	0.020	0.020	0.020	0.020	0.064
FI0036R	PCB_153	air+aerosol	0.054	0.071	0.087	0.105	0.120	0.530	0.199	0.213	0.128	0.107	0.098	0.104	0.151
FI0036R	PCB_180	air+aerosol	0.025	0.025	0.025	0.020	0.028	0.100	0.082	0.020	0.020	0.020	0.020	0.020	0.034
FI0036R	PCB_28	air+aerosol	0.630	0.558	0.746	0.615	0.655	1.750	1.241	0.845	1.013	1.351	1.162	0.743	0.944
FI0036R	PCB_52	air+aerosol	0.516	0.537	0.671	0.634	0.743	1.943	1.661	0.910	0.906	1.086	0.743	0.551	0.910
FI0036R	PFBA	air+aerosol	-	-	-	-	-	-	0.050	0.050	0.050	0.050	0.050	0.050	-
FI0036R	PFBS	air+aerosol	-	-	-	-	-	-	0.050	0.050	0.050	0.050	0.050	0.050	-
FI0036R	PFDCa	air+aerosol	-	-	-	-	-	-	0.071	0.072	0.050	0.090	0.056	0.095	-
FI0036R	PFDCS	air+aerosol	-	-	-	-	-	-	0.050	0.050	0.050	0.050	0.050	0.050	-
FI0036R	PFHpA	air+aerosol	-	-	-	-	-	-	0.050	0.059	0.050	0.074	0.050	0.052	-
FI0036R	PFHxA	air+aerosol	-	-	-	-	-	-	0.050	0.096	0.050	0.371	0.446	0.397	-
FI0036R	PFHxS	air+aerosol	-	-	-	-	-	-	0.050	0.050	0.050	0.050	0.050	0.050	-
FI0036R	PFNA	air+aerosol	-	-	-	-	-	-	0.050	0.073	0.050	0.055	0.050	0.050	-
FI0036R	PFOA	air+aerosol	-	-	-	-	-	-	0.050	0.119	0.087	0.261	0.227	0.339	-
FI0036R	PFOS	air+aerosol	-	-	-	-	-	-	0.050	0.050	0.050	0.078	0.050	0.050	-
FI0036R	PFOSA	air+aerosol	-	-	-	-	-	-	0.050	0.050	0.050	0.050	0.050	0.050	-
FI0036R	PFUnA	air+aerosol	-	-	-	-	-	-	0.050	0.050	0.050	0.050	0.050	0.050	-
FI0036R	alpha_HCH	air+aerosol	2.774	2.534	2.840	3.475	3.675	3.810	4.857	5.519	5.920	5.302	5.064	2.620	4.039
FI0036R	anthracene	air+aerosol	0.017	0.005	0.004	0.002	0.004	-	0.004	0.005	0.005	0.006	0.006	0.012	0.006
FI0036R	benz_a_anthracene	air+aerosol	0.054	0.012	0.009	0.007	0.007	-	0.004	0.004	0.006	0.005	0.011	0.027	0.014
FI0036R	benzo_a_pyrene	air+aerosol	0.067	0.033	0.032	0.032	0.035	-	0.042	0.040	0.043	0.032	0.047	0.060	0.042
FI0036R	benzo_b_fluoranthene	air+aerosol	0.087	0.022	0.015	0.007	0.004	-	0.005	0.002	0.009	0.007	0.013	0.044	0.020
FI0036R	benzo_ghi_perylene	air+aerosol	0.042	0.012	0.007	0.003	0.002	-	0.002	0.003	0.007	0.006	0.009	0.025	0.011
FI0036R	benzo_k_fluoranthene	air+aerosol	0.034	0.009	0.006	0.002	0.001	-	0.002	0.002	0.005	0.004	0.007	0.017	0.008
FI0036R	chrysene	air+aerosol	0.082	0.025	0.019	0.009	0.007	-	0.009	0.010	0.018	0.017	0.027	0.056	0.026
FI0036R	dibenzo_ah_anthracene	air+aerosol	0.010	0.003	0.001	0.002	0.003	-	0.004	0.003	0.003	0.002	0.003	0.005	0.004
FI0036R	fluoranthene	air+aerosol	0.300	0.118	0.090	0.043	0.030	-	0.040	0.045	0.080	0.101	0.136	0.240	0.113
FI0036R	gamma_HCH	air+aerosol	0.447	0.409	0.650	0.575	0.810	3.050	1.665	1.536	1.370	1.058	0.705	0.540	1.069
FI0036R	inden_123cd_pyrene	air+aerosol	0.058	0.015	0.011	0.005	0.002	-	0.003	0.004	0.007	0.004	0.011	0.030	0.014
FI0036R	phenanthrene	air+aerosol	0.634	0.324	0.250	0.147	0.120	-	0.161	0.202	0.350	0.415	0.403	0.550	0.326
FI0036R	pp_DDD	air+aerosol	0.017	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
FI0036R	pp_DDE	air+aerosol	0.445	0.345	0.410	0.205	0.148	0.500	0.173	0.158	0.210	0.692	0.799	0.660	0.395
FI0036R	pp_DDT	air+aerosol	0.040	0.038	0.015	0.015	0.055	0.430	0.139	0.080	0.080	0.170	0.083	0.100	0.104
FI0036R	pyrene	air+aerosol	0.178	0.069	0.050	0.022	0.020	-	0.020	0.023	0.040	0.050	0.071	0.140	0.063
FI0050R	anthracene	pm10	0.060	0.030	0.012	0.010	0.004	0.002	0.005	0.004	0.008	0.010	0.020	0.017	0.015
FI0050R	benz_a_anthracene	pm10	0.210	0.120	0.063	0.054	0.030	0.028	0.023	0.033	0.045	0.049	0.114	0.091	0.071
FI0050R	benzo_a_pyrene	pm10	0.225	0.148	0.107	0.080	0.030	0.029	0.029	0.030	0.065	0.074	0.153	0.141	0.092

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
FI0050R	benzo_bjk_fluoranthenes	pm10	0.644	0.385	0.233	0.148	0.067	0.073	0.055	0.073	0.126	0.131	0.276	0.284	0.207
FI0050R	benzo_ghi_perylene	pm10	0.243	0.189	0.118	0.079	0.045	0.050	0.043	0.047	0.080	0.082	0.159	0.153	0.107
FI0050R	chrysene	pm10	0.366	0.212	0.097	0.090	0.049	0.048	0.040	0.048	0.070	0.073	0.153	0.135	0.114
FI0050R	dibenzo_ac_ah_anthracenes	pm10	0.037	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.014
FI0050R	fluoranthene	pm10	0.861	0.516	0.263	0.226	0.119	0.095	0.074	0.076	0.136	0.164	0.342	0.299	0.262
FI0050R	inden_123cd_pyrene	pm10	0.218	0.127	0.070	0.053	0.029	0.032	0.029	0.033	0.060	0.059	0.114	0.086	0.075
FI0050R	phenanthrene	pm10	0.615	0.329	0.132	0.105	0.036	0.035	0.035	0.036	0.073	0.092	0.165	0.177	0.151
FI0050R	pyrene	pm10	0.817	0.479	0.239	0.210	0.119	0.093	0.085	0.096	0.145	0.169	0.352	0.285	0.256
FR0009R	benz_a anthracene	pm10	0.175	0.073	0.027	0.028	0.009	0.009	0.009	0.009	0.012	0.021	0.029	0.036	0.036
FR0009R	benzo_a pyrene	pm10	0.254	0.120	0.046	0.047	0.018	0.018	0.018	0.018	0.018	0.032	0.044	0.058	0.058
FR0009R	benzo_b fluoranthene	pm10	0.446	0.204	0.084	0.079	0.028	0.018	0.018	0.023	0.028	0.063	0.094	0.099	0.099
FR0009R	benzo_k fluoranthene	pm10	0.184	0.085	0.030	0.029	0.018	0.018	0.018	0.018	0.018	0.024	0.032	0.042	0.043
FR0009R	dibenzo_ah anthracene	pm10	0.072	0.040	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.024
FR0009R	inden_123cd_pyrene	pm10	0.370	0.171	0.070	0.059	0.018	0.018	0.018	0.018	0.028	0.064	0.080	0.089	0.084
FR0013R	benz_a anthracene	pm10	0.063	0.014	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.012	0.018	0.011	0.014
FR0013R	benzo_a pyrene	pm10	0.129	0.032	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.025	0.045	0.023	0.029
FR0013R	benzo_b fluoranthene	pm10	0.272	0.064	0.024	0.027	0.018	0.018	0.018	0.018	0.018	0.044	0.082	0.045	0.050
FR0013R	benzo_k fluoranthene	pm10	0.109	0.021	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.021	0.036	0.023	0.026
FR0013R	dibenzo_ah anthracene	pm10	0.054	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.020
FR0013R	inden_123cd_pyrene	pm10	0.235	0.053	0.024	0.018	0.018	0.018	0.018	0.018	0.018	0.035	0.080	0.042	0.044
FR0023R	benz_a anthracene	pm10	0.161	0.040	0.013	0.011	0.021	0.009	0.009	0.009	0.011	0.015	0.065	0.209	0.047
FR0023R	benzo_a pyrene	pm10	0.215	0.065	0.027	0.018	0.050	0.018	0.018	0.018	0.018	0.031	0.122	0.278	0.072
FR0023R	benzo_b fluoranthene	pm10	0.282	0.102	0.060	0.037	0.059	0.018	0.022	0.018	0.021	0.040	0.160	0.367	0.098
FR0023R	benzo_k fluoranthene	pm10	0.129	0.044	0.022	0.018	0.034	0.018	0.018	0.018	0.018	0.022	0.074	0.173	0.048
FR0023R	dibenzo_ah anthracene	pm10	0.046	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.023	0.054	0.023
FR0023R	inden_123cd_pyrene	pm10	0.253	0.089	0.048	0.026	0.054	0.018	0.018	0.018	0.020	0.040	0.159	0.301	0.086
FR0024R	benz_a anthracene	pm10	0.213	0.039	0.015	0.013	0.009	0.009	0.009	0.009	0.009	0.034	0.042	0.093	0.037
FR0024R	benzo_a pyrene	pm10	0.306	0.094	0.039	0.027	0.018	0.018	0.018	0.018	0.018	0.091	0.077	0.233	0.073
FR0024R	benzo_b fluoranthene	pm10	0.490	0.136	0.090	0.045	0.022	0.018	0.018	0.018	0.021	0.159	0.121	0.310	0.109
FR0024R	benzo_k fluoranthene	pm10	0.205	0.069	0.033	0.023	0.018	0.018	0.018	0.018	0.018	0.065	0.054	0.145	0.052
FR0024R	dibenzo_ah anthracene	pm10	0.094	0.035	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.033	0.026	0.053	0.029
FR0024R	inden_123cd_pyrene	pm10	0.422	0.146	0.078	0.040	0.018	0.018	0.018	0.018	0.018	0.151	0.122	0.295	0.102
FR0025R	benz_a anthracene	pm10	0.215	0.182	0.016	0.053	0.009	0.009	0.009	0.009	0.009	0.029	0.115	0.038	0.057
FR0025R	benzo_a pyrene	pm10	0.311	0.253	0.033	0.103	0.022	0.018	0.018	0.018	0.022	0.054	0.182	0.075	0.091
FR0025R	benzo_b fluoranthene	pm10	0.443	0.268	0.070	0.163	0.033	0.018	0.018	0.018	0.025	0.065	0.238	0.144	0.124
FR0025R	benzo_k fluoranthene	pm10	0.196	0.140	0.028	0.068	0.022	0.018	0.018	0.018	0.018	0.035	0.111	0.063	0.061
FR0025R	dibenzo_ah anthracene	pm10	0.086	0.054	0.018	0.029	0.018	0.018	0.018	0.018	0.018	0.023	0.048	0.031	0.031
FR0025R	inden_123cd_pyrene	pm10	0.402	0.253	0.070	0.138	0.033	0.018	0.018	0.018	0.030	0.070	0.213	0.135	0.115
GB0014R	anthanthrene	aerosol	0.032	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.007
GB0014R	benz_a anthracene	aerosol	0.073	0.068	0.025	0.005	0.005	0.005	0.005	0.005	0.019	0.005	0.005	0.005	0.018
GB0014R	benzo_a pyrene	aerosol	0.100	0.075	0.024	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.160	0.055	0.037

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
GB0014R	benzo_b_fluoranthene	aerosol	0.240	0.160	0.054	0.037	0.020	0.005	0.027	0.020	0.032	0.058	0.490	0.078	0.101
GB0014R	benzo_e_pyrene	aerosol	0.190	0.100	0.040	0.025	0.005	0.005	0.005	0.005	0.005	0.005	0.270	0.120	0.064
GB0014R	benzo_ghi_perylene	aerosol	0.290	0.110	0.045	0.023	0.005	0.005	0.025	0.005	0.025	0.053	0.005	0.120	0.059
GB0014R	benzo_k_fluoranthene	aerosol	0.086	0.055	0.005	0.005	0.005	0.005	0.005	0.005	0.031	0.031	0.180	0.087	0.041
GB0014R	chrysene	aerosol	0.150	0.140	0.038	0.019	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.031
GB0014R	coronene	aerosol	0.082	0.035	0.018	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.015
GB0014R	cyclopenta_cd_pyrene	aerosol	0.034	0.040	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.010
GB0014R	dibenzo_ah_anthracene	aerosol	0.049	0.018	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.009
GB0014R	dibenzo_ai_pyrene	aerosol	0.065	0.033	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.060	0.030	0.019
GB0014R	inden_123cd_pyrene	aerosol	0.190	0.086	0.033	0.022	0.005	0.005	0.020	0.005	0.023	0.044	0.005	0.077	0.043
GB0014R	perylene	aerosol	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
GB0048R	anthanthrene	pm10	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.005
GB0048R	benz_a_anthracene	pm10	0.028	0.039	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.009
GB0048R	benzo_a_pyrene	pm10	0.032	0.034	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.009
GB0048R	benzo_b_fluoranthene	pm10	0.058	0.075	0.037	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.065	0.004	0.022
GB0048R	benzo_e_pyrene	pm10	0.053	0.050	0.030	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.014
GB0048R	benzo_ghi_perylene	pm10	0.110	0.061	0.041	0.005	0.005	0.005	0.005	0.005	0.027	0.005	0.068	0.070	0.034
GB0048R	benzo_k_fluoranthene	pm10	0.025	0.025	0.027	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.024	0.004	0.011
GB0048R	chrysene	pm10	0.053	0.061	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.013
GB0048R	coronene	pm10	0.034	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.007
GB0048R	cyclopenta_cd_pyrene	pm10	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
GB0048R	dibenzo_ae_pyrene	pm10	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.005
GB0048R	dibenzo_ah_anthracene	pm10	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.005
GB0048R	dibenzo_ah_pyrene	pm10	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.005
GB0048R	dibenzo_ai_pyrene	pm10	0.028	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.030	0.009
GB0048R	inden_123cd_pyrene	pm10	0.074	0.045	0.028	0.005	0.005	0.005	0.005	0.005	0.021	0.005	0.050	0.047	0.024
GB0048R	perylene	pm10	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.005
GB1055R	anthanthrene	pm10	0.100	0.006	0.005	0.019	0.006	0.005	0.004	0.005	0.005	0.022	0.005	0.005	0.015
GB1055R	benz_a_anthracene	pm10	0.300	0.080	0.026	0.058	0.006	0.005	0.004	0.005	0.024	0.004	0.005	0.088	0.050
GB1055R	benzo_a_pyrene	pm10	0.350	0.084	0.045	0.087	0.006	0.005	0.017	0.005	0.005	0.043	0.160	0.110	0.076
GB1055R	benzo_b_fluoranthene	pm10	0.480	0.180	0.110	0.150	0.032	0.020	0.036	0.026	0.040	0.100	0.310	0.210	0.141
GB1055R	benzo_e_pyrene	pm10	0.370	0.100	0.062	0.093	0.023	0.005	0.025	0.026	0.020	0.059	0.210	0.150	0.095
GB1055R	benzo_ghi_perylene	pm10	0.540	0.110	0.067	0.110	0.023	0.005	0.030	0.024	0.051	0.073	0.150	0.140	0.111
GB1055R	benzo_k_fluoranthene	pm10	0.170	0.046	0.024	0.041	0.006	0.005	0.019	0.005	0.005	0.004	0.064	0.024	0.034
GB1055R	chrysene	pm10	0.490	0.140	0.048	0.099	0.006	0.005	0.020	0.018	0.033	0.004	0.005	0.160	0.086
GB1055R	coronene	pm10	0.170	0.036	0.025	0.041	0.006	0.005	0.004	0.005	0.005	0.033	0.005	0.005	0.028
GB1055R	cyclopenta_cd_pyrene	pm10	0.180	0.046	0.005	0.024	0.006	0.005	0.004	0.005	0.005	0.004	0.005	0.054	0.028
GB1055R	dibenzo_ae_pyrene	pm10	0.077	0.006	0.005	0.005	0.006	0.005	0.004	0.005	0.005	0.024	0.005	0.005	0.012
GB1055R	dibenzo_ah_anthracene	pm10	0.075	0.006	0.021	0.026	0.006	0.005	0.004	0.005	0.005	0.030	0.028	0.029	0.020
GB1055R	dibenzo_ah_pyrene	pm10	0.005	0.006	0.005	0.005	0.006	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005
GB1055R	dibenzo_ai_pyrene	pm10	0.150	0.031	0.027	0.034	0.006	0.005	0.004	0.005	0.029	0.071	0.005	0.074	0.037
GB1055R	inden_123cd_pyrene	pm10	0.400	0.090	0.059	0.093	0.023	0.005	0.025	0.022	0.046	0.063	0.120	0.110	0.088
GB1055R	perylene	pm10	0.073	0.006	0.005	0.005	0.006	0.005	0.004	0.005	0.005	0.004	0.005	0.005	0.010
IS0091R	BDE_100	air+aerosol	0.182	0.190	0.180	0.174	0.189	0.194	0.177	0.186	0.216	0.186	0.184	0.153	0.184
IS0091R	BDE_47	air+aerosol	0.182	0.190	0.180	0.174	0.189	0.194	0.177	0.186	0.216	0.186	0.184	0.153	0.184

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
IS0091R	BDE_99	air+aerosol	0.182	0.190	0.180	0.174	0.189	0.194	0.177	0.186	0.216	0.186	0.184	0.153	0.184
IS0091R	HCB	air+aerosol	7.24	7.11	5.45	5.80	4.80	2.94	2.61	3.14	3.84	3.36	5.81	4.33	4.68
IS0091R	PCB_101	air+aerosol	0.373	0.328	0.506	0.398	0.680	1.048	1.156	1.335	1.071	0.725	0.385	0.455	0.708
IS0091R	PCB_105	air+aerosol	0.182	0.190	0.180	0.174	0.189	0.194	0.177	0.186	0.216	0.186	0.184	0.153	0.184
IS0091R	PCB_118	air+aerosol	0.182	0.190	0.180	0.174	0.189	0.194	0.177	0.186	0.216	0.186	0.184	0.153	0.184
IS0091R	PCB_138	air+aerosol	0.182	0.190	0.180	0.174	0.189	0.194	0.177	0.186	0.216	0.186	0.184	0.153	0.184
IS0091R	PCB_153	air+aerosol	0.182	0.190	0.180	0.174	0.189	0.194	0.177	0.186	0.216	0.186	0.184	0.153	0.184
IS0091R	PCB_156	air+aerosol	0.182	0.190	0.180	0.174	0.189	0.194	0.177	0.186	0.216	0.186	0.184	0.153	0.184
IS0091R	PCB_180	air+aerosol	0.182	0.190	0.180	0.174	0.189	0.194	0.177	0.186	0.216	0.186	0.184	0.153	0.184
IS0091R	PCB_28	air+aerosol	1.016	1.695	1.766	2.036	2.724	2.464	3.071	3.191	2.918	1.904	1.451	1.432	2.142
IS0091R	PCB_31	air+aerosol	0.520	1.041	1.344	1.899	2.524	2.133	4.677	4.810	3.173	1.887	1.530	1.336	2.250
IS0091R	PCB_52	air+aerosol	0.987	1.434	1.566	1.701	2.391	2.653	3.683	3.571	3.060	2.459	1.435	1.475	2.207
IS0091R	alpha_HCH	air+aerosol	1.403	1.337	1.571	1.622	1.485	0.990	0.653	0.849	0.892	0.826	1.372	0.938	1.160
IS0091R	beta_HCH	air+aerosol	0.182	0.190	0.180	0.216	0.282	0.291	0.263	0.280	0.218	0.186	0.184	0.153	0.219
IS0091R	cis_CD	air+aerosol	0.199	0.339	0.429	0.351	0.476	0.458	0.400	0.436	0.374	0.449	0.293	0.299	0.376
IS0091R	dieldrin	air+aerosol	0.197	0.190	0.180	0.174	0.189	0.196	0.435	0.326	0.338	0.424	0.195	0.228	0.257
IS0091R	gamma_HCH	air+aerosol	1.096	1.436	1.579	1.604	1.960	1.565	1.420	1.472	1.391	1.224	1.340	1.170	1.438
IS0091R	op_DDT	air+aerosol	0.182	0.190	0.180	0.174	0.189	0.194	0.177	0.186	0.216	0.186	0.184	0.153	0.184
IS0091R	pp_DDD	air+aerosol	0.182	0.190	0.180	0.174	0.189	0.194	0.177	0.186	0.216	0.186	0.184	0.153	0.184
IS0091R	pp_DDE	air+aerosol	0.182	0.190	0.180	0.174	0.189	0.194	0.177	0.186	0.216	0.186	0.184	0.153	0.184
IS0091R	pp_DDT	air+aerosol	0.182	0.190	0.180	0.174	0.189	0.194	0.177	0.186	0.216	0.186	0.184	0.153	0.184
IS0091R	trans_CD	air+aerosol	0.182	0.190	0.180	0.174	0.189	0.194	0.177	0.186	0.216	0.186	0.184	0.153	0.184
IS0091R	trans_NO	air+aerosol	0.197	0.294	0.380	0.313	0.425	0.322	0.281	0.285	0.220	0.186	0.197	0.240	0.278
LV0010R	benz_a_anthracene	pm10	0.238	0.406	0.246	0.139	0.053	0.028	0.007	0.014	0.074	0.115	0.467	0.497	0.183
LV0010R	benzo_a_pyrene	pm10	0.403	0.562	0.335	0.163	0.050	0.032	0.011	0.016	0.112	0.145	0.480	0.563	0.228
LV0010R	benzo_b_fluoranthene	pm10	0.486	0.936	0.472	0.222	0.064	0.046	0.009	0.025	0.165	0.204	0.608	0.623	0.309
LV0010R	benzo_k_fluoranthene	pm10	0.294	0.423	0.231	0.126	0.035	0.028	0.009	0.016	0.087	0.101	0.317	0.335	0.159
LV0010R	dibenzo_ah_anthracene	pm10	0.027	0.087	0.030	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.094	0.076	0.032
LV0010R	inden_123cd_pyrene	pm10	0.464	0.627	0.375	0.217	0.056	0.045	0.010	0.023	0.151	0.192	0.638	0.652	0.275
NL0091R	benz_a_anthracene	pm10	0.145	0.421	0.033	0.008	0.008	0.007	0.008	0.007	0.008	0.013	0.028	0.038	0.058
NL0091R	benzo_a_pyrene	pm10	0.223	0.433	0.052	0.014	0.017	0.014	0.010	0.011	0.013	0.019	0.041	0.048	0.073
NL0091R	benzo_bjk_fluoranthenes	pm10	0.195	0.337	0.053	0.013	0.014	0.009	0.011	0.012	0.013	0.021	0.037	0.052	0.063
NL0091R	benzo_ghi_perylene	pm10	0.355	0.519	0.098	0.031	0.028	0.020	0.022	0.023	0.029	0.046	0.083	0.116	0.112
NL0091R	chrysene	pm10	0.261	0.682	0.069	0.018	0.022	0.016	0.018	0.020	0.022	0.029	0.053	0.085	0.105
NL0091R	dibenzo_ah_anthracene	pm10	0.049	0.102	0.016	0.005	0.005	0.003	0.005	0.004	0.005	0.008	0.013	0.019	0.019
NL0091R	indeno_123cd_peryene	pm10	0.360	0.590	0.108	0.031	0.031	0.020	0.023	0.023	0.028	0.043	0.080	0.112	0.119
NO0002R	FTS_6-2	air+aerosol	0.027	0.027	0.027	0.027	0.027	0.027	0.031	0.027	0.027	0.027	0.027	0.027	0.027
NO0002R	PFBS	air+aerosol	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027
NO0002R	PFHpA	air+aerosol	0.027	0.027	0.055	0.059	0.035	0.035	0.122	0.147	0.107	0.045	0.054	0.033	0.059
NO0002R	PFHxA	air+aerosol	0.055	0.027	0.205	0.231	0.311	0.027	0.027	0.288	0.027	0.027	0.224	0.027	0.125
NO0002R	PFHxS	air+aerosol	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027
NO0002R	PFNA	air+aerosol	0.050	0.042	0.032	0.076	0.117	0.172	0.157	0.165	0.108	0.049	0.027	0.039	0.083
NO0002R	PFOA	air+aerosol	0.131	0.095	0.074	0.119	0.165	0.287	0.177	0.169	0.138	0.081	0.107	0.059	0.135
NO0002R	PFOS	air+aerosol	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053
NO0002R	PFOSA	air+aerosol	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027

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NO0002R	PFUnA	air+aerosol	0.022	0.027	0.027	0.027	0.045	0.027	0.027	0.043	0.029	0.027	0.027	0.027	0.029
NO0002R	a_HBCD	air+aerosol	0.036	0.064	0.036	0.036	0.036	0.038	0.036	0.036	0.037	0.036	0.179	0.036	0.051
NO0002R	b_HBCD	air+aerosol	0.034	-	0.034	0.034	0.034	0.045	0.034	0.035	0.035	0.034	0.046	0.034	0.036
NO0002R	g_HBCD	air+aerosol	0.089	0.025	0.025	0.025	0.025	0.027	0.026	0.026	0.026	0.025	0.034	0.025	0.029
NO0002R	1-methylnaphthalene	air+aerosol	0.086	0.095	0.042	0.026	0.036	0.011	0.015	0.020	0.025	0.033	0.087	0.150	0.052
NO0002R	1-methylphenanthrene	air+aerosol	0.046	0.079	0.032	0.065	0.043	0.017	0.022	0.026	0.037	0.042	0.122	0.048	0.044
NO0002R	2-methylanthracene	air+aerosol	0.004	0.022	0.007	0.002	0.007	0.004	0.002	0.006	0.004	0.002	0.006	0.002	0.005
NO0002R	2-methylnaphthalene	air+aerosol	0.124	0.122	0.059	0.039	0.056	0.018	0.022	0.026	0.031	0.046	0.098	0.169	0.067
NO0002R	2-methylphenanthrene	air+aerosol	0.059	0.099	0.033	0.056	0.073	0.040	0.048	0.041	0.053	0.058	0.072	0.056	0.057
NO0002R	3-methylphenanthrene	air+aerosol	0.051	0.057	0.038	0.049	0.061	0.035	0.039	0.037	0.047	0.051	0.056	0.044	0.047
NO0002R	9-methylphenanthrene	air+aerosol	0.018	0.034	0.014	0.020	0.019	0.013	0.015	0.015	0.020	0.020	0.023	0.017	0.019
NO0002R	BDE_100	air+aerosol	0.003	0.011	0.006	0.003	0.003	0.005	0.012	0.005	0.003	0.005	0.004	0.003	0.005
NO0002R	BDE_119	air+aerosol	0.001	0.004	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.001	-	0.001
NO0002R	BDE_138	air+aerosol	0.002	0.004	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-	-	0.002
NO0002R	BDE_153	air+aerosol	0.004	0.021	0.008	0.002	0.002	0.002	0.015	0.003	0.005	0.003	-	-	0.007
NO0002R	BDE_154	air+aerosol	0.007	0.024	0.006	0.002	0.002	0.002	0.013	0.004	0.003	0.002	-	-	0.006
NO0002R	BDE_183	air+aerosol	0.011	0.046	0.030	0.003	0.002	0.004	0.004	0.011	0.012	0.008	-	-	0.013
NO0002R	BDE_196	air+aerosol	0.004	0.006	0.023	0.004	0.004	0.005	0.004	0.010	-	-	-	-	0.008
NO0002R	BDE_206	air+aerosol	0.032	0.073	0.066	0.026	0.024	0.022	0.064	0.093	0.022	0.024	-	-	0.045
NO0002R	BDE_209	air+aerosol	0.187	0.528	0.441	0.256	0.186	0.104	0.687	0.851	0.133	0.127	-	-	0.357
NO0002R	BDE_28	air+aerosol	0.009	0.010	0.010	0.005	0.006	0.012	0.010	0.011	0.008	0.008	0.010	0.010	0.009
NO0002R	BDE_47	air+aerosol	0.040	0.058	0.040	0.037	0.037	0.068	0.069	0.050	0.040	0.058	0.051	0.038	0.049
NO0002R	BDE_49	air+aerosol	0.012	0.021	0.010	0.005	0.008	0.023	0.023	0.014	-	0.014	0.013	0.011	0.014
NO0002R	BDE_66	air+aerosol	0.005	0.014	0.006	0.004	0.006	0.015	0.016	0.009	0.008	0.010	0.009	0.006	0.009
NO0002R	BDE_71	air+aerosol	0.001	0.003	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.002	0.001	0.002	0.002
NO0002R	BDE_77	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
NO0002R	BDE_85	air+aerosol	0.001	0.004	0.002	0.001	0.001	0.001	0.007	0.001	0.001	0.001	0.001	0.001	0.002
NO0002R	BDE_99	air+aerosol	0.021	0.069	0.029	0.012	0.014	0.023	0.140	0.021	0.022	0.021	0.025	0.018	0.035
NO0002R	HCB	air+aerosol	62.18	68.49	63.75	59.17	53.84	38.08	34.15	36.27	38.19	45.41	59.07	57.62	51.04
NO0002R	PCB_101	air+aerosol	1.085	1.130	0.550	0.257	0.796	0.515	0.484	0.420	0.486	0.387	0.203	0.177	0.540
NO0002R	PCB_105	air+aerosol	0.058	0.061	0.030	0.017	0.043	0.034	0.036	0.029	0.043	0.029	0.014	0.011	0.034
NO0002R	PCB_114	air+aerosol	0.008	0.008	0.008	0.008	0.010	0.008	0.008	0.008	0.009	0.008	0.008	0.008	0.008
NO0002R	PCB_118	air+aerosol	0.291	0.299	0.139	0.062	0.161	0.124	0.129	0.104	0.149	0.104	0.053	0.040	0.139
NO0002R	PCB_122	air+aerosol	0.017	0.018	0.010	0.007	0.007	0.007	0.007	0.007	0.009	0.007	0.007	0.007	0.009
NO0002R	PCB_123	air+aerosol	0.008	0.007	0.007	0.007	0.007	0.010	0.007	0.007	0.008	0.007	0.007	0.007	0.008
NO0002R	PCB_128	air+aerosol	0.099	0.095	0.036	0.013	0.033	0.025	0.023	0.018	0.021	0.015	0.007	0.006	0.033
NO0002R	PCB_138	air+aerosol	0.853	0.842	0.301	0.086	0.243	0.170	0.193	0.157	0.187	0.136	0.064	0.052	0.275
NO0002R	PCB_141	air+aerosol	0.283	0.284	0.091	0.023	0.082	0.053	0.055	0.043	0.048	0.037	0.016	0.013	0.086
NO0002R	PCB_149	air+aerosol	1.176	1.184	0.474	0.169	0.543	0.363	0.340	0.296	0.304	0.256	0.120	0.105	0.445
NO0002R	PCB_153	air+aerosol	1.189	1.163	0.463	0.147	0.427	0.296	0.299	0.249	0.278	0.221	0.105	0.093	0.413
NO0002R	PCB_156	air+aerosol	0.055	0.055	0.019	0.006	0.011	0.008	0.008	0.006	0.010	0.006	0.005	0.005	0.016
NO0002R	PCB_157	air+aerosol	0.004	0.005	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003
NO0002R	PCB_167	air+aerosol	0.027	0.026	0.010	0.004	0.007	0.006	0.004	0.003	0.005	0.004	0.003	0.003	0.008
NO0002R	PCB_170	air+aerosol	0.101	0.097	0.032	0.010	0.024	0.018	0.016	0.013	0.015	0.010	0.006	0.007	0.029
NO0002R	PCB_18	air+aerosol	0.969	1.755	1.414	0.875	1.786	1.014	0.795	0.636	1.194	0.953	0.635	0.649	1.049
NO0002R	PCB_180	air+aerosol	0.279	0.272	0.098	0.029	0.083	0.056	0.053	0.041	0.046	0.035	0.015	0.016	0.087
NO0002R	PCB_183	air+aerosol	0.117	0.120	0.045	0.013	0.036	0.025	0.023	0.019	0.018	0.014	0.006	0.008	0.038
NO0002R	PCB_187	air+aerosol	0.238	0.240	0.105	0.036	0.102	0.075	0.066	0.061	0.047	0.043	0.020	0.022	0.088

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
NO0002R	PCB_189	air+aerosol	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
NO0002R	PCB_194	air+aerosol	0.011	0.012	0.007	0.006	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.007
NO0002R	PCB_206	air+aerosol	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
NO0002R	PCB_209	air+aerosol	0.005	0.005	0.005	0.005	0.005	0.007	0.005	0.005	0.005	0.005	0.005	0.005	0.005
NO0002R	PCB_28	air+aerosol	0.473	0.732	0.554	0.428	1.094	0.676	0.621	0.476	0.948	0.667	0.355	0.347	0.611
NO0002R	PCB_31	air+aerosol	0.475	0.759	0.613	0.409	1.040	0.622	0.567	0.449	0.780	0.569	0.305	0.341	0.574
NO0002R	PCB_33	air+aerosol	0.246	0.405	0.292	0.215	0.547	0.348	0.322	0.248	0.407	0.303	0.155	0.182	0.304
NO0002R	PCB_37	air+aerosol	0.043	0.066	0.044	0.026	0.082	0.064	0.073	0.054	0.072	0.056	0.023	0.030	0.053
NO0002R	PCB_47	air+aerosol	0.601	0.542	0.500	0.448	1.168	1.005	1.087	0.975	0.823	0.667	0.313	0.292	0.703
NO0002R	PCB_52	air+aerosol	0.629	0.813	0.639	0.478	1.290	0.791	0.687	0.619	0.797	0.659	0.380	0.366	0.675
NO0002R	PCB_66	air+aerosol	0.135	0.168	0.128	0.099	0.283	0.203	0.194	0.162	0.218	0.162	0.073	0.074	0.158
NO0002R	PCB_74	air+aerosol	0.127	0.157	0.117	0.068	0.191	0.131	0.144	0.122	0.178	0.131	0.063	0.062	0.125
NO0002R	PCB_99	air+aerosol	0.140	0.156	0.140	0.097	0.237	0.170	0.151	0.135	0.185	0.140	0.076	0.064	0.141
NO0002R	TBA	air+aerosol	4.560	9.870	2.260	0.925	1.060	3.900	1.650	1.860	4.940	1.950	10.200	7.190	4.185
NO0002R	acenaphthene	air+aerosol	0.340	0.093	0.096	0.124	0.076	0.029	0.053	0.076	0.099	0.073	0.070	0.351	0.124
NO0002R	acenaphthylene	air+aerosol	0.016	0.054	0.031	0.131	0.017	0.002	0.003	0.008	0.010	0.016	0.047	0.076	0.033
NO0002R	alpha_HCH	air+aerosol	2.120	2.040	3.500	3.520	8.650	4.710	4.530	5.010	0.108	5.320	3.480	1.890	3.740
NO0002R	anthanthrene	air+aerosol	0.003	0.004	0.002	0.005	0.002	0.001	0.001	0.013	0.002	0.001	0.002	0.003	0.003
NO0002R	anthracene	air+aerosol	0.007	0.029	0.006	0.052	0.010	0.003	0.003	0.006	0.008	0.015	0.036	0.016	0.015
NO0002R	benz_a_anthracene	air+aerosol	0.029	0.019	0.008	0.017	0.011	0.004	0.002	0.006	0.008	0.009	0.018	0.015	0.012
NO0002R	benzo_a_fluoranthene	air+aerosol	0.005	0.004	0.001	0.006	0.001	0.001	0.001	0.004	0.002	0.002	0.003	0.005	0.003
NO0002R	benzo_a_fluorene	air+aerosol	0.016	0.012	0.007	0.012	0.008	0.003	0.002	0.006	0.006	0.007	0.012	0.010	0.008
NO0002R	benzo_a_pyrene	air+aerosol	0.024	0.013	0.006	0.023	0.006	0.004	0.003	0.006	0.008	0.005	0.012	0.018	0.011
NO0002R	benzo_b_fluoranthene	air+aerosol	0.152	0.054	0.042	0.041	0.070	0.019	0.031	0.029	0.031	0.021	0.048	0.043	0.048
NO0002R	benzo_b_fluorene	air+aerosol	0.011	0.008	0.004	0.007	0.004	0.002	0.001	0.004	0.005	0.005	0.006	0.005	0.005
NO0002R	benzo_e_pyrene	air+aerosol	0.071	0.049	0.028	0.027	0.053	0.014	0.021	0.023	0.020	0.015	0.032	0.030	0.032
NO0002R	benzo_ghi_fluoranthene	air+aerosol	-	-	-	-	-	0.001	0.001	0.001	-	-	-	-	0.001
NO0002R	benzo_ghi_perylene	air+aerosol	0.050	0.035	0.023	0.030	0.025	0.006	0.013	0.021	0.020	0.017	0.039	0.033	0.026
NO0002R	benzo_k_fluoranthene	air+aerosol	0.032	0.015	0.009	0.016	0.008	0.003	0.005	0.009	0.010	0.006	0.016	0.016	0.012
NO0002R	biphenyl	air+aerosol	0.210	0.459	0.218	0.128	0.088	0.023	0.022	0.032	0.055	0.070	0.238	0.228	0.145
NO0002R	chrysene	air+aerosol	0.077	0.155	0.042	0.045	0.094	0.039	0.038	0.032	0.030	0.022	0.046	0.035	0.055
NO0002R	coronene	air+aerosol	0.020	0.020	0.008	0.011	0.007	0.004	0.004	0.027	0.009	0.005	0.013	0.009	0.012
NO0002R	cyclopenta_cd_pyrene	air+aerosol	-	0.009	-	-	0.002	0.001	0.001	0.001	-	-	0.001	-	0.002
NO0002R	dibenzo_ae_pyrene	air+aerosol	0.012	0.009	0.004	0.005	0.007	0.004	0.005	0.038	0.005	0.004	0.005	0.006	0.009
NO0002R	dibenzo_ah_anthracene	air+aerosol	0.008	0.007	0.003	0.005	0.009	0.002	0.002	0.017	0.003	0.003	0.004	0.004	0.006
NO0002R	dibenzo_ah_pyrene	air+aerosol	0.005	0.009	0.005	0.004	0.004	0.004	0.004	0.053	0.005	0.004	0.004	0.004	0.009
NO0002R	dibenzo_ai_pyrene	air+aerosol	0.005	0.009	0.004	0.004	0.004	0.004	0.004	0.050	0.005	0.004	0.004	0.004	0.009
NO0002R	dibenzofuran	air+aerosol	0.754	1.320	0.788	0.655	0.442	0.133	0.157	0.175	0.281	0.329	0.819	0.689	0.538
NO0002R	dibenzothiophene	air+aerosol	0.033	0.033	0.028	0.021	0.063	0.022	0.033	0.031	0.020	0.035	0.010	0.023	0.030
NO0002R	fluoranthene	air+aerosol	0.241	0.283	0.151	0.184	0.117	0.059	0.064	0.095	0.139	0.151	0.207	0.169	0.155
NO0002R	fluorene	air+aerosol	0.669	0.654	0.468	0.486	0.335	0.110	0.168	0.208	0.287	0.317	0.593	0.546	0.402
NO0002R	gamma_HCH	air+aerosol	1.120	0.346	0.936	0.583	11.500	3.570	4.090	2.980	0.132	1.160	0.977	0.593	2.333
NO0002R	inden_123cd_pyrene	air+aerosol	0.041	0.021	0.017	0.030	0.016	0.005	0.009	0.021	0.018	0.014	0.037	0.032	0.022
NO0002R	naphthalene	air+aerosol	0.207	0.321	0.121	0.061	0.062	0.028	0.028	0.034	0.038	0.054	0.208	0.250	0.116
NO0002R	op_DDD	air+aerosol	0.024	0.025	0.025	0.025	0.046	0.025	0.025	0.025	0.025	0.025	0.025	0.024	0.027
NO0002R	op_DDE	air+aerosol	0.069	0.039	0.067	0.042	0.156	0.039	0.057	0.041	0.039	0.048	0.038	0.037	0.056
NO0002R	op_DDT	air+aerosol	0.114	0.042	0.103	0.060	0.758	0.210	0.130	0.132	0.043	0.196	0.096	0.049	0.161
NO0002R	perylene	air+aerosol	0.004	0.003	0.002	0.004	0.001	0.001	0.001	0.004	0.002	0.002	0.003	0.004	0.003

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
NO0002R	phenanthrene	air+aerosol	0.945	1.341	0.704	0.908	0.794	0.400	0.452	0.606	0.751	0.682	0.958	0.782	0.776
NO0002R	pp_DDD	air+aerosol	0.024	0.025	0.024	0.025	0.028	0.025	0.025	0.025	0.025	0.025	0.025	0.024	0.025
NO0002R	pp_DDE	air+aerosol	0.768	0.260	0.597	0.306	2.210	0.467	0.433	0.421	0.054	0.845	0.480	0.381	0.602
NO0002R	pp_DDT	air+aerosol	0.134	0.049	0.093	0.055	0.677	0.253	0.157	0.161	0.050	0.210	-	-	0.184
NO0002R	pyrene	air+aerosol	0.129	0.149	0.072	0.112	0.079	0.036	0.029	0.047	0.076	0.094	0.126	0.095	0.086
NO0002R	retene	air+aerosol	0.061	0.063	0.029	0.051	0.044	0.012	0.019	0.040	0.060	0.077	0.115	0.079	0.054
NO0002R	sum_DDT	air+aerosol	1.133	0.439	0.908	0.514	3.875	1.019	0.826	0.806	0.236	1.348	0.769	0.567	1.037
NO0002R	sum_PCB	air+aerosol	15.127	17.892	10.703	6.190	16.181	10.661	10.250	8.646	11.732	9.022	4.633	4.453	10.479
NO0002R	sum_heptachlor_PCB	air+aerosol	1.144	1.164	0.446	0.120	0.371	0.259	0.244	0.207	0.189	0.151	0.067	0.061	0.370
NO0002R	sum_hexachlor_PCB	air+aerosol	5.524	5.517	2.129	0.697	2.228	1.486	1.440	1.182	1.295	1.064	0.476	0.359	1.954
NO0002R	sum_pentachlor_PCB	air+aerosol	2.554	2.745	1.391	0.484	1.270	1.030	1.497	1.307	1.550	1.157	0.577	0.471	1.353
NO0002R	sum_tetrachlor_PCB	air+aerosol	2.771	3.245	2.710	2.112	5.801	3.978	3.618	3.225	3.942	3.100	1.506	1.492	3.121
NO0002R	sum_trichlor_PCB	air+aerosol	3.114	5.200	4.009	2.763	6.495	3.890	3.437	2.710	4.741	3.535	1.993	2.155	3.644
NO0042G	BDE_100	air+aerosol	0.006	0.005	0.007	0.006	0.014	0.015	0.014	0.009	0.008	0.006	0.006	0.005	0.008
NO0042G	BDE_119	air+aerosol	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.003	0.001	0.001	0.001
NO0042G	BDE_138	air+aerosol	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
NO0042G	BDE_153	air+aerosol	0.004	0.006	0.003	0.003	0.005	0.005	0.003	0.003	0.003	0.004	0.003	0.003	0.004
NO0042G	BDE_154	air+aerosol	0.002	0.003	0.002	0.002	0.003	0.004	0.003	0.003	0.002	0.002	0.002	0.002	0.002
NO0042G	BDE_183	air+aerosol	0.003	0.003	0.003	0.003	0.004	0.003	0.004	0.003	0.004	0.004	0.005	0.003	0.004
NO0042G	BDE_196	air+aerosol	0.008	0.009	0.007	0.007	0.011	0.006	0.009	0.006	0.006	0.006	0.006	0.007	0.007
NO0042G	BDE_206	air+aerosol	0.241	0.320	0.213	0.217	0.110	0.043	0.388	0.032	0.195	0.094	0.150	0.299	0.188
NO0042G	BDE_209	air+aerosol	10.368	14.301	6.259	8.173	3.113	0.999	11.602	0.667	7.276	2.741	3.376	2.903	5.752
NO0042G	BDE_28	air+aerosol	0.007	0.006	0.006	0.008	0.012	0.008	0.010	0.006	0.007	0.007	0.010	0.005	0.008
NO0042G	BDE_47	air+aerosol	0.094	0.081	0.107	0.113	0.226	0.195	0.185	0.127	0.144	0.106	0.121	0.083	0.134
NO0042G	BDE_49	air+aerosol	0.005	0.005	0.005	0.005	0.009	0.008	0.007	0.006	0.007	0.005	0.006	0.004	0.006
NO0042G	BDE_66	air+aerosol	0.005	0.005	0.005	0.005	0.006	0.005	0.005	0.005	0.033	0.045	0.005	0.005	0.011
NO0042G	BDE_71	air+aerosol	0.003	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.002	0.003	0.001	0.001	0.002
NO0042G	BDE_77	air+aerosol	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
NO0042G	BDE_85	air+aerosol	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001
NO0042G	BDE_99	air+aerosol	0.017	0.014	0.020	0.017	0.035	0.053	0.049	0.035	0.027	0.018	0.019	0.013	0.027
NO0042G	FTS_6-2	air+aerosol	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
NO0042G	PFBS	air+aerosol	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
NO0042G	PFHpA	air+aerosol	0.126	0.038	0.041	0.057	0.095	0.113	0.078	0.061	0.037	0.032	0.030	0.027	0.062
NO0042G	PFHxA	air+aerosol	0.229	0.045	0.095	0.074	0.102	0.188	0.134	0.129	0.058	0.123	0.020	0.238	0.129
NO0042G	PFHxS	air+aerosol	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
NO0042G	PFNA	air+aerosol	0.145	0.023	0.038	0.045	0.089	0.091	0.064	0.035	0.028	0.019	0.019	0.020	0.049
NO0042G	PFOA	air+aerosol	0.424	0.060	0.064	0.087	0.109	0.146	0.151	0.110	0.074	0.047	0.041	0.052	0.099
NO0042G	PFOS	air+aerosol	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039
NO0042G	PFOSA	air+aerosol	0.084	0.014	0.010	0.020	0.045	0.104	0.111	0.036	0.035	0.020	0.049	0.020	0.042
NO0042G	PFUnA	air+aerosol	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
NO0042G	TBA	air+aerosol	3.066	3.481	1.845	0.964	2.569	6.255	15.019	43.210	10.615	8.613	5.919	5.897	9.405
NO0042G	a_HBCD	air+aerosol	0.107	0.048	0.050	0.049	0.051	0.049	0.052	0.051	0.050	0.052	0.051	0.315	0.078
NO0042G	b_HBCD	air+aerosol	0.046	0.045	0.047	0.047	0.048	0.046	0.049	0.048	0.048	0.048	0.050	0.047	0.049
NO0042G	g_HBCD	air+aerosol	0.034	0.034	0.035	0.035	0.036	0.034	0.037	0.036	0.035	0.037	0.035	0.057	0.037
NO0042G	1-methylnaphthalene	air+aerosol	0.364	0.134	0.032	0.016	0.019	0.010	0.007	0.014	0.020	0.025	0.076	0.158	0.069
NO0042G	1-methylphenanthrene	air+aerosol	0.003	0.005	0.001	0.007	0.001	0.001	0.002	0.002	0.001	0.001	0.003	0.003	0.002
NO0042G	2-methylanthracene	air+aerosol	-	-	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.008	0.008	0.001

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
NO0042G	2-methylnaphthalene	air+aerosol	0.386	0.141	0.041	0.022	0.036	0.018	0.011	0.022	0.034	0.039	0.105	0.187	0.083
NO0042G	2-methylphenanthrene	air+aerosol	0.004	0.007	0.002	0.007	0.001	0.002	0.003	0.002	0.003	0.002	0.003	0.005	0.003
NO0042G	3-methylphenanthrene	air+aerosol	0.004	0.005	0.002	0.008	0.001	0.002	0.003	0.002	0.002	0.002	0.004	0.006	0.003
NO0042G	9-methylphenanthrene	air+aerosol	0.003	0.003	0.001	0.006	0.001	0.001	0.002	0.002	0.002	0.001	0.002	0.002	0.002
NO0042G	acenaphthene	air+aerosol	0.010	0.005	0.006	0.022	0.002	0.004	0.004	0.002	0.002	0.003	0.005	0.006	0.006
NO0042G	acenaphthylene	air+aerosol	0.004	0.005	0.004	0.008	0.001	0.002	0.001	0.001	0.001	0.001	0.002	0.002	0.003
NO0042G	anthanthrene	air+aerosol	0.001	0.002	0.001	0.006	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.001	0.002
NO0042G	anthracene	air+aerosol	0.002	0.001	0.001	0.006	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.002
NO0042G	benz_a anthracene	air+aerosol	0.005	0.007	0.001	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002
NO0042G	benzo_a fluoranthene	air+aerosol	0.001	0.002	0.001	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
NO0042G	benzo_a fluorene	air+aerosol	0.003	0.003	0.001	0.004	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002
NO0042G	benzo_a pyrene	air+aerosol	0.004	0.009	0.001	0.004	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002
NO0042G	benzo_b fluoranthene	air+aerosol	0.019	0.030	0.002	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.002	0.003	0.004
NO0042G	benzo_b fluorene	air+aerosol	0.002	0.002	0.001	0.004	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
NO0042G	benzo_e pyrene	air+aerosol	0.009	0.012	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.003
NO0042G	benzo_ghi fluoranthene	air+aerosol	0.001	0.001	0.001	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
NO0042G	benzo_ghi perylene	air+aerosol	0.008	0.012	0.002	0.005	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.003
NO0042G	benzo_k fluoranthene	air+aerosol	0.006	0.009	0.001	0.004	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.002
NO0042G	biphenyl	air+aerosol	1.168	0.974	0.446	0.057	0.017	0.009	0.007	0.023	0.064	0.133	0.469	0.559	0.308
NO0042G	chrysene	air+aerosol	0.016	0.022	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.003	0.004
NO0042G	coronene	air+aerosol	0.004	0.006	0.002	0.012	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.002	0.003
NO0042G	cyclopenta_cd pyrene	air+aerosol	0.002	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
NO0042G	dibenzo_ae pyrene	air+aerosol	0.002	0.003	0.003	0.022	0.002	0.002	0.002	0.002	0.002	0.002	0.007	0.003	0.004
NO0042G	dibenzo_ah anthracene	air+aerosol	0.001	0.002	0.001	0.009	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.001	0.002
NO0042G	dibenzo_ah pyrene	air+aerosol	0.002	0.002	0.004	0.030	0.002	0.002	0.002	0.002	0.002	0.002	0.009	0.003	0.005
NO0042G	dibenzo_ai pyrene	air+aerosol	0.002	0.002	0.003	0.027	0.002	0.002	0.002	0.002	0.002	0.002	0.008	0.003	0.005
NO0042G	dibenzofuran	air+aerosol	1.284	1.213	0.620	0.129	0.029	0.027	0.023	0.048	0.154	0.206	0.577	0.604	0.376
NO0042G	dibenzothiophene	air+aerosol	0.011	0.008	0.002	0.004	0.001	0.001	0.001	0.001	0.003	0.002	0.005	0.005	0.003
NO0042G	fluoranthene	air+aerosol	0.052	0.076	0.007	0.005	0.005	0.004	0.004	0.005	0.005	0.005	0.013	0.017	0.015
NO0042G	fluorene	air+aerosol	0.589	0.398	0.086	0.014	0.007	0.010	0.010	0.014	0.036	0.066	0.263	0.344	0.140
NO0042G	inden_123cd pyrene	air+aerosol	0.008	0.011	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.003
NO0042G	naphthalene	air+aerosol	1.784	0.802	0.271	0.093	0.302	0.113	0.032	0.064	0.090	0.104	0.382	0.672	0.348
NO0042G	perylene	air+aerosol	0.001	0.002	0.001	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
NO0042G	phenanthrene	air+aerosol	0.101	0.122	0.017	0.011	0.007	0.010	0.013	0.012	0.015	0.017	0.038	0.046	0.031
NO0042G	pyrene	air+aerosol	0.003	0.055	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.006	0.006
NO0042G	retene	air+aerosol	0.003	0.002	0.002	0.007	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
NO0042G	HCB	air+aerosol	72.75	71.28	70.09	72.79	73.48	77.34	80.02	85.42	81.34	80.81	79.04	65.62	76.22
NO0042G	PCB_101	air+aerosol	0.228	0.229	0.334	0.237	0.180	0.177	0.185	0.143	0.203	0.287	0.357	0.270	0.239
NO0042G	PCB_105	air+aerosol	0.019	0.017	0.031	0.022	0.015	0.015	0.014	0.009	0.014	0.027	0.037	0.027	0.022
NO0042G	PCB_114	air+aerosol	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
NO0042G	PCB_118	air+aerosol	0.068	0.062	0.100	0.074	0.050	0.049	0.048	0.032	0.051	0.092	0.124	0.092	0.073
NO0042G	PCB_122	air+aerosol	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
NO0042G	PCB_123	air+aerosol	0.004	0.005	0.006	0.004	0.004	0.004	0.004	0.004	0.003	0.004	0.004	0.004	0.004
NO0042G	PCB_128	air+aerosol	0.008	0.009	0.014	0.009	0.008	0.007	0.006	0.004	0.006	0.011	0.012	0.010	0.009
NO0042G	PCB_138	air+aerosol	0.052	0.057	0.084	0.059	0.043	0.040	0.042	0.041	0.048	0.078	0.095	0.074	0.060
NO0042G	PCB_141	air+aerosol	0.011	0.014	0.020	0.013	0.011	0.010	0.010	0.008	0.013	0.019	0.022	0.015	0.015
NO0042G	PCB_149	air+aerosol	0.097	0.113	0.158	0.103	0.084	0.079	0.072	0.069	0.105	0.141	0.164	0.121	0.114
NO0042G	PCB_153	air+aerosol	0.079	0.093	0.127	0.089	0.061	0.056	0.055	0.045	0.074	0.113	0.137	0.105	0.090

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NO0042G	PCB_156	air+aerosol	0.003	0.004	0.005	0.003	0.003	0.003	0.002	0.003	0.002	0.004	0.005	0.004	0.004
NO0042G	PCB_157	air+aerosol	0.002	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
NO0042G	PCB_167	air+aerosol	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
NO0042G	PCB_170	air+aerosol	0.003	0.005	0.005	0.004	0.004	0.004	0.003	0.003	0.003	0.005	0.005	0.004	0.004
NO0042G	PCB_18	air+aerosol	1.305	1.206	1.415	1.053	0.754	0.633	0.656	0.537	0.565	1.145	1.842	1.590	1.094
NO0042G	PCB_180	air+aerosol	0.010	0.014	0.020	0.012	0.010	0.009	0.008	0.006	0.011	0.017	0.018	0.014	0.013
NO0042G	PCB_183	air+aerosol	0.005	0.007	0.008	0.006	0.005	0.004	0.004	0.004	0.005	0.008	0.009	0.006	0.006
NO0042G	PCB_187	air+aerosol	0.014	0.022	0.028	0.016	0.012	0.010	0.011	0.010	0.016	0.021	0.024	0.019	0.017
NO0042G	PCB_189	air+aerosol	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
NO0042G	PCB_194	air+aerosol	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
NO0042G	PCB_206	air+aerosol	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
NO0042G	PCB_209	air+aerosol	0.003	0.003	0.004	0.003	0.002	0.003	0.002	0.002	0.002	0.003	0.003	0.004	0.003
NO0042G	PCB_28	air+aerosol	0.765	1.008	1.520	0.801	0.951	0.901	1.391	0.805	0.751	0.971	1.143	0.841	0.993
NO0042G	PCB_31	air+aerosol	0.756	0.956	1.316	0.700	0.829	0.773	1.283	0.744	0.714	0.880	1.023	0.795	0.898
NO0042G	PCB_33	air+aerosol	0.457	0.685	1.130	0.489	0.618	0.610	0.932	0.546	0.485	0.587	0.659	0.494	0.641
NO0042G	PCB_37	air+aerosol	0.089	0.135	0.274	0.093	0.161	0.165	0.210	0.120	0.107	0.120	0.114	0.087	0.140
NO0042G	PCB_47	air+aerosol	0.259	0.299	0.437	0.233	0.251	0.241	0.277	0.188	0.206	0.268	0.373	0.266	0.277
NO0042G	PCB_52	air+aerosol	0.521	0.526	0.712	0.495	0.386	0.355	0.415	0.305	0.379	0.561	0.751	0.577	0.500
NO0042G	PCB_66	air+aerosol	0.122	0.147	0.292	0.146	0.139	0.140	0.126	0.089	0.111	0.160	0.192	0.133	0.153
NO0042G	PCB_74	air+aerosol	0.105	0.107	0.168	0.100	0.089	0.092	0.090	0.066	0.085	0.120	0.147	0.105	0.107
NO0042G	PCB_99	air+aerosol	0.095	0.093	0.136	0.107	0.065	0.057	0.058	0.045	0.067	0.115	0.158	0.123	0.094
NO0042G	alpha_HCH	air+aerosol	2.939	2.808	2.657	3.841	3.850	3.320	3.592	4.215	3.911	4.261	3.535	2.521	3.512
NO0042G	cis_CD	air+aerosol	0.246	0.372	0.356	0.275	0.304	0.233	0.279	0.271	0.303	0.320	0.347	0.248	0.296
NO0042G	cis_NO	air+aerosol	0.010	0.013	0.021	0.014	0.030	0.030	0.041	0.041	0.034	0.028	0.029	0.016	0.027
NO0042G	gamma_HCH	air+aerosol	0.339	0.338	0.447	0.531	0.457	0.323	0.347	0.357	0.639	0.614	0.640	0.400	0.451
NO0042G	op_DDD	air+aerosol	0.013	0.012	0.013	0.012	0.013	0.012	0.012	0.012	0.012	0.012	0.015	0.012	0.013
NO0042G	op_DDE	air+aerosol	0.052	0.062	0.061	0.030	0.020	0.019	0.019	0.019	0.018	0.037	0.095	0.086	0.040
NO0042G	op_DDT	air+aerosol	0.050	0.062	0.090	0.061	0.026	0.021	0.022	0.024	0.035	0.109	0.231	0.067	0.062
NO0042G	pp_DDD	air+aerosol	0.013	0.012	0.012	0.012	0.013	0.012	0.012	0.012	0.012	0.012	0.011	0.012	0.012
NO0042G	pp_DDE	air+aerosol	0.278	0.308	0.327	0.112	0.039	0.036	0.047	0.036	0.133	0.330	1.544	0.530	0.233
NO0042G	pp_DDT	air+aerosol	0.029	0.032	0.041	0.025	0.025	0.024	0.024	0.024	0.027	0.059	0.105	-	0.035
NO0042G	sum_DDT	air+aerosol	0.434	0.489	0.545	0.253	0.135	0.124	0.137	0.128	0.183	0.595	1.533	0.688	0.380
NO0042G	sum_PCB	air+aerosol	7.854	8.913	12.965	7.558	7.327	6.619	-	5.078	5.977	8.726	11.902	8.606	8.511
NO0042G	sum_heptachlor_PCB	air+aerosol	0.043	0.067	0.074	0.050	0.042	0.037	0.032	0.027	0.045	0.068	0.078	0.057	0.054
NO0042G	sum_hexachlor_PCB	air+aerosol	0.385	0.446	0.638	0.425	0.339	0.311	0.278	0.251	0.396	0.581	0.688	0.504	0.459
NO0042G	sum_pentachlor_PCB	air+aerosol	0.713	0.548	0.630	0.450	0.318	0.411	0.502	0.395	0.606	0.949	1.207	0.878	0.652
NO0042G	sum_tetrachlor_PCB	air+aerosol	2.157	2.405	3.718	2.230	1.991	1.731	1.752	1.297	1.533	2.289	3.056	2.061	2.195
NO0042G	sum_trichlor_PCB	air+aerosol	4.549	5.439	7.896	4.396	4.629	4.174	5.674	3.560	3.389	4.833	6.368	5.098	5.067
NO0042G	trans_CD	air+aerosol	0.139	0.222	0.192	0.104	0.065	0.039	0.056	0.048	0.065	0.085	0.156	0.133	0.102
NO0042G	trans_NO	air+aerosol	0.202	0.327	0.333	0.257	0.272	0.188	0.231	0.217	0.228	0.260	0.300	0.211	0.251
NO0090R	FTS_6-2	air+aerosol	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016
NO0090R	PFBS	air+aerosol	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016
NO0090R	PFHpA	air+aerosol	0.065	0.034	0.077	0.127	0.153	0.183	0.136	0.073	0.057	0.057	0.056	0.053	0.095
NO0090R	PFHxA	air+aerosol	0.016	0.070	0.016	0.016	0.130	0.137	0.163	0.085	0.016	0.016	0.113	0.016	0.073
NO0090R	PFHxS	air+aerosol	0.016	-	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016
NO0090R	PFNA	air+aerosol	0.073	0.018	0.060	0.087	0.112	0.159	0.124	0.018	0.052	0.038	0.034	0.037	0.071
NO0090R	PFOA	air+aerosol	0.138	0.048	0.089	0.158	0.200	0.241	0.198	0.127	0.094	0.086	0.117	0.092	0.139

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NO0090R	PFOS	air+aerosol	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033
NO0090R	PFOSA	air+aerosol	0.016	-	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.017	0.016
NO0090R	PFUnA	air+aerosol	0.016	0.016	0.016	0.016	0.016	0.020	0.026	0.016	0.016	0.016	0.016	0.018	0.017
NO0090R	HCB	air+aerosol	37.80	46.40	44.70	47.20	26.30	21.70	26.40	22.50	19.70	35.50	41.90	44.60	34.55
NO0090R	PCB_101	air+aerosol	0.388	0.340	0.682	0.504	0.487	0.103	0.281	0.128	0.298	0.278	0.301	0.461	0.354
NO0090R	PCB_105	air+aerosol	-	0.016	0.054	0.030	0.026	0.006	0.017	0.008	0.023	0.026	0.018	0.032	0.023
NO0090R	PCB_114	air+aerosol	-	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
NO0090R	PCB_118	air+aerosol	-	0.064	0.193	0.123	0.107	0.024	0.072	0.031	0.081	0.091	0.070	0.125	0.089
NO0090R	PCB_122	air+aerosol	-	0.003	0.005	0.004	0.004	0.004	0.003	0.004	0.003	0.004	0.004	0.004	0.004
NO0090R	PCB_123	air+aerosol	-	0.003	0.004	0.003	0.003	0.004	0.003	0.003	0.004	0.004	0.004	0.004	0.004
NO0090R	PCB_128	air+aerosol	-	0.007	0.020	0.012	0.011	0.004	0.010	0.006	-	0.010	0.007	0.012	0.010
NO0090R	PCB_138	air+aerosol	-	0.059	0.163	0.098	0.093	0.031	0.094	0.044	0.089	0.081	0.062	0.123	0.085
NO0090R	PCB_141	air+aerosol	-	0.019	0.039	0.025	0.026	0.007	0.022	0.011	0.019	0.017	0.014	0.026	0.020
NO0090R	PCB_149	air+aerosol	-	0.139	0.289	0.183	0.201	0.061	0.165	0.086	0.159	0.137	0.142	0.245	0.164
NO0090R	PCB_153	air+aerosol	-	0.108	0.249	0.164	0.154	0.050	0.147	0.070	0.128	0.121	0.106	0.207	0.137
NO0090R	PCB_156	air+aerosol	-	0.003	0.007	0.004	0.004	0.002	0.003	0.002	0.005	0.004	0.003	0.005	0.004
NO0090R	PCB_157	air+aerosol	-	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002
NO0090R	PCB_167	air+aerosol	-	0.002	0.003	0.002	0.002	0.002	0.001	0.002	0.002	0.002	0.002	0.003	0.002
NO0090R	PCB_170	air+aerosol	-	0.005	0.011	0.006	0.008	0.004	0.009	0.004	0.007	0.006	0.004	0.007	0.006
NO0090R	PCB_18	air+aerosol	1.820	1.550	3.280	2.540	2.170	0.250	0.401	0.266	0.799	1.060	0.825	1.660	1.385
NO0090R	PCB_180	air+aerosol	-	0.016	0.031	0.018	0.020	0.009	0.024	0.012	0.016	0.016	0.011	0.025	0.018
NO0090R	PCB_183	air+aerosol	-	0.008	0.015	0.009	0.011	0.004	0.011	0.005	0.009	0.008	0.006	0.012	0.009
NO0090R	PCB_187	air+aerosol	-	0.022	0.047	0.028	0.034	0.011	0.029	0.016	0.025	0.022	0.020	0.038	0.026
NO0090R	PCB_189	air+aerosol	-	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
NO0090R	PCB_194	air+aerosol	-	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
NO0090R	PCB_206	air+aerosol	-	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
NO0090R	PCB_209	air+aerosol	-	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.017	0.002	0.002	0.004
NO0090R	PCB_28	air+aerosol	0.851	0.678	1.570	1.140	0.848	0.162	0.376	0.177	0.538	0.702	0.619	1.040	0.725
NO0090R	PCB_31	air+aerosol	0.842	0.784	1.740	1.250	0.975	0.179	0.389	0.172	0.515	0.578	0.572	0.944	0.745
NO0090R	PCB_33	air+aerosol	0.509	0.398	0.911	0.619	0.493	0.104	0.189	0.096	0.288	0.302	0.329	0.541	0.398
NO0090R	PCB_37	air+aerosol	0.081	0.045	0.119	0.067	0.059	0.021	0.035	0.021	0.051	0.047	0.057	0.094	0.058
NO0090R	PCB_47	air+aerosol	6.120	8.060	11.600	9.850	15.800	1.370	1.840	0.780	1.270	0.540	5.590	5.550	5.700
NO0090R	PCB_52	air+aerosol	0.799	0.679	1.300	1.010	0.876	0.209	0.452	0.217	0.551	0.571	0.612	0.885	0.680
NO0090R	PCB_66	air+aerosol	0.126	0.083	0.227	0.135	0.120	0.045	0.072	0.050	0.137	0.141	0.131	0.205	0.123
NO0090R	PCB_74	air+aerosol	0.106	0.071	0.179	0.113	0.094	0.035	0.057	0.039	0.112	0.121	0.109	0.165	0.100
NO0090R	PCB_99	air+aerosol	0.154	0.112	0.276	0.206	0.168	0.037	0.107	0.046	0.123	0.132	0.108	0.185	0.138
NO0090R	sum_PCB	air+aerosol	-	17.012	30.250	23.389	28.276	3.913	6.663	3.502	8.158	7.849	13.492	17.796	14.577
NO0090R	sum_heptachlor_PCB	air+aerosol	-	0.073	0.153	0.089	0.109	0.037	0.109	0.052	0.089	0.073	0.059	0.119	0.088
NO0090R	sum_hexachlor_PCB	air+aerosol	-	0.543	1.200	0.723	0.790	0.245	0.642	0.346	0.586	0.593	0.551	1.020	0.658
NO0090R	sum_pentachlor_PCB	air+aerosol	-	0.879	1.990	1.410	1.310	0.313	0.805	0.377	0.956	0.941	0.894	1.430	1.028
NO0090R	sum_tetrachlor_PCB	air+aerosol	9.180	10.700	16.500	13.500	19.700	2.210	3.210	1.630	3.370	2.430	8.410	9.140	8.334
NO0090R	sum_trichlor_PCB	air+aerosol	6.070	4.810	10.400	7.660	6.360	1.100	1.890	1.090	3.150	3.790	3.570	6.080	4.662
PL0005R	benz_a anthracene	pm10	2.119	1.119	0.637	0.220	0.056	0.013	0.008	0.015	0.086	0.219	1.143	1.383	0.579
PL0005R	benzo_a pyrene	pm10	1.772	1.230	0.735	0.268	0.102	0.026	0.020	0.039	0.134	0.341	1.244	1.231	0.589
PL0005R	benzo_b fluoranthene	pm10	2.330	1.665	1.008	0.337	0.135	0.046	0.030	0.047	0.179	0.340	1.650	1.768	0.787
PL0005R	benzo_k fluoranthene	pm10	1.051	0.688	0.401	0.139	0.054	0.018	0.013	0.023	0.079	0.165	0.670	0.706	0.331
PL0005R	dibenzo_ah anthracene	pm10	0.212	0.131	0.095	0.038	0.014	0.005	0.004	0.006	0.020	0.031	0.160	0.171	0.073

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
PL0005R	inden_123cd_pyrene	pm10	1.680	1.260	0.779	0.252	0.104	0.038	0.030	0.051	0.200	0.356	1.475	1.507	0.638
PL0009R	benz_a_anthracene	pm10	3.852	1.992	0.671	0.227	0.131	0.015	0.013	0.024	0.145	0.137	0.676	1.196	0.803
PL0009R	benzo_a_pyrene	pm10	3.753	2.053	0.793	0.291	0.194	0.030	0.030	0.041	0.244	0.207	0.911	1.214	0.861
PL0009R	benzo_b_fluoranthene	pm10	3.808	2.393	0.822	0.302	0.204	0.037	0.032	0.050	0.249	0.227	0.819	1.089	0.883
PL0009R	benzo_k_fluoranthene	pm10	2.056	1.240	0.425	0.158	0.097	0.017	0.015	0.025	0.138	0.127	0.480	0.670	0.480
PL0009R	dibenzo_ah_anthracene	pm10	0.315	0.145	0.040	0.022	0.016	0.004	0.003	0.003	0.020	0.016	0.061	0.092	0.065
PL0009R	inden_123cd_pyrene	pm10	3.079	2.173	0.710	0.303	0.207	0.047	0.039	0.053	0.269	0.249	0.885	1.059	0.797
RU0002R	1-methylnaphthalene	aerosol	-	-	-	-	-	0.003	0.007	0.003	0.002	0.004	-	-	-
RU0002R	2-methylnaphthalene	aerosol	-	-	-	-	-	0.003	0.008	0.004	0.003	0.005	-	-	-
RU0002R	BDE_100	aerosol	0.005	-	0.055	0.092	0.092	0.005	0.008	0.006	0.007	0.058	-	-	0.029
RU0002R	BDE_119	aerosol	0.005	0.005	0.014	0.005	0.005	0.005	0.005	0.005	0.005	0.005	-	-	0.007
RU0002R	BDE_138	aerosol	-	-	0.025	0.020	0.020	-	-	-	-	-	-	-	-
RU0002R	BDE_153	aerosol	0.005	0.005	0.014	0.005	0.005	0.005	0.005	0.005	0.005	0.005	-	-	0.006
RU0002R	BDE_183	aerosol	-	-	0.056	0.035	0.035	-	-	-	-	0.047	-	-	0.046
RU0002R	BDE_206	aerosol	-	-	-	-	-	-	0.006	-	0.026	0.147	-	-	-
RU0002R	BDE_209	aerosol	0.040	0.035	0.770	0.198	0.143	-	0.047	0.011	0.422	3.132	-	-	0.450
RU0002R	BDE_47	aerosol	-	-	0.129	0.124	0.042	0.008	0.010	0.012	0.009	0.097	-	-	0.045
RU0002R	HCB	aerosol	0.011	0.033	0.026	0.021	0.014	0.026	0.035	0.022	0.023	0.037	-	-	0.025
RU0002R	PCB_101	aerosol	0.005	0.005	0.005	0.005	0.005	0.005	0.111	0.005	0.005	0.005	-	-	0.012
RU0002R	PCB_105	aerosol	0.107	-	0.127	0.104	0.119	0.208	0.255	0.204	0.311	-	-	-	0.196
RU0002R	PCB_110	aerosol	0.111	0.159	0.140	0.138	0.152	0.267	0.188	0.193	0.237	-	-	-	0.176
RU0002R	PCB_118	aerosol	0.127	0.137	0.154	0.163	0.161	0.343	0.302	0.295	0.215	-	-	-	0.207
RU0002R	PCB_128	aerosol	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.184	-	-	0.014
RU0002R	PCB_138	aerosol	0.111	-	0.108	0.138	0.139	0.422	0.321	0.175	0.237	0.212	-	-	0.195
RU0002R	PCB_149	aerosol	-	-	-	-	0.118	-	-	-	0.133	-	-	-	-
RU0002R	PCB_153	aerosol	-	-	-	-	0.109	0.412	0.547	0.128	0.364	-	-	-	-
RU0002R	PCB_156	aerosol	0.005	0.005	0.005	0.005	0.005	0.005	0.112	0.005	0.005	0.005	-	-	0.012
RU0002R	PCB_170	aerosol	0.005	0.005	0.005	0.005	0.005	0.103	0.135	0.005	0.005	0.108	-	-	0.025
RU0002R	PCB_180	aerosol	-	-	-	-	-	0.171	0.234	0.208	-	0.178	-	-	-
RU0002R	PCB_183	aerosol	0.005	0.005	0.005	0.005	0.005	0.005	0.100	0.005	0.005	0.005	-	-	0.011
RU0002R	PCB_187	aerosol	-	-	-	-	-	-	0.112	0.116	-	-	-	-	-
RU0002R	PCB_28+31	aerosol	-	-	0.101	0.131	0.145	-	-	-	-	-	-	-	0.128
RU0002R	PCB_87	aerosol	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.154	0.005	-	-	0.025
RU0002R	PCB_95	aerosol	0.005	0.005	0.005	0.005	0.005	0.005	0.154	0.005	0.005	0.005	-	-	0.015
RU0002R	acenaphthene	aerosol	-	-	0.002	-	-	-	-	0.001	-	-	-	-	-
RU0002R	acenaphthylene	aerosol	-	0.002	-	0.001	0.001	-	-	-	-	-	-	-	-
RU0002R	alpha_HCH	aerosol	-	-	0.007	0.007	-	0.005	0.045	0.009	0.009	0.035	-	-	0.015
RU0002R	benz_a_anthracene	aerosol	0.002	0.008	0.002	0.002	0.002	-	0.002	0.002	0.009	0.003	-	-	0.004
RU0002R	benzo_a_pyrene	aerosol	0.004	-	0.002	-	-	-	-	-	0.002	0.014	-	-	-
RU0002R	benzo_e_pyrene	aerosol	0.026	0.084	0.013	-	-	-	-	-	0.008	0.024	-	-	-
RU0002R	benzo_ghi_perylene	aerosol	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.011	-	-	0.001
RU0002R	beta_HCH	aerosol	-	-	-	-	-	0.090	0.013	0.116	0.016	0.007	-	-	0.057
RU0002R	chrysene	aerosol	0.015	0.039	0.009	0.004	0.004	-	0.002	0.003	0.017	0.016	-	-	0.011
RU0002R	cis_CD	aerosol	-	0.041	-	0.007	0.007	-	0.008	0.010	0.009	-	-	-	0.013
RU0002R	dibenzo_ah_anthracene	aerosol	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	-	-	0.001
RU0002R	dibenzothiophene	aerosol	-	0.002	0.001	-	-	0.003	0.002	-	0.002	0.001	-	-	0.002

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RU0002R	fluoranthene	aerosol	0.025	0.100	0.017	0.009	0.009	0.003	0.004	0.003	0.001	0.023	-	-	0.016
RU0002R	fluorene	aerosol	-	-	0.024	0.011	0.004	0.000	0.002	0.001	-	0.001	-	-	0.006
RU0002R	gamma_HCH	aerosol	-	-	-	-	-	0.008	0.073	0.135	0.011	-	-	-	0.064
RU0002R	indeno_123cd_peryene	aerosol	-	0.004	-	-	-	-	-	-	-	0.003	-	-	-
RU0002R	naphthalene	aerosol	0.003	0.005	0.003	0.004	0.003	-	-	-	0.003	0.035	-	-	-
RU0002R	op_DDD	aerosol	-	-	-	-	-	0.032	-	0.012	0.014	0.007	-	-	0.016
RU0002R	op_DDE	aerosol	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.009	0.005	0.005	-	-	0.006
RU0002R	op_DDT	aerosol	-	-	0.024	0.013	0.020	0.020	0.026	0.037	0.013	0.026	-	-	0.022
RU0002R	oxychlorane	aerosol	0.005	-	0.005	-	-	-	0.006	0.009	-	-	-	-	-
RU0002R	peryene	aerosol	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.009	-	-	0.001
RU0002R	phenanthrene	aerosol	0.018	0.074	0.010	0.006	0.004	0.002	0.005	0.003	0.002	0.010	-	-	0.011
RU0002R	pp_DDD	aerosol	-	-	0.029	0.050	0.115	0.140	0.050	0.010	0.019	0.012	-	-	0.045
RU0002R	pp_DDE	aerosol	0.032	-	0.058	0.040	0.033	0.034	0.040	0.039	0.020	0.031	-	-	0.038
RU0002R	pp_DDT	aerosol	0.024	0.067	0.099	0.045	0.046	0.052	0.111	0.124	0.049	0.107	-	-	0.074
RU0002R	pyrene	aerosol	0.007	0.032	0.004	0.004	0.005	0.002	0.004	0.002	0.001	0.017	-	-	0.006
RU0002R	retene	aerosol	0.001	0.004	0.002	0.002	0.003	0.002	0.013	0.003	0.007	0.006	-	-	0.004
RU0002R	trans_CD	aerosol	0.005	0.018	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	-	-	0.006
RU0002R	trans_NO	aerosol	0.006	0.007	0.015	0.017	0.007	-	0.011	0.005	0.011	-	-	-	0.010
RU0002R	1-methylnaphthalene	air	0.379	0.547	0.152	0.036	0.028	0.131	0.066	0.065	0.068	0.493	-	-	0.151
RU0002R	2-methylnaphthalene	air	0.353	0.544	0.167	0.062	0.063	0.160	0.054	0.079	0.099	0.698	-	-	0.175
RU0002R	BDE_100	air	-	-	-	-	0.005	0.036	0.119	0.019	-	-	-	-	-
RU0002R	BDE_119	air	-	-	-	-	-	0.015	0.043	0.008	-	-	-	-	-
RU0002R	BDE_153	air	-	-	0.010	-	-	-	-	0.006	-	0.007	-	-	-
RU0002R	BDE_183	air	-	-	0.083	-	-	-	-	0.013	0.010	-	-	-	-
RU0002R	BDE_206	air	-	-	-	0.087	0.071	0.078	0.049	0.022	0.009	0.159	-	-	0.060
RU0002R	BDE_209	air	0.119	-	0.820	0.227	0.227	-	-	0.286	0.177	3.758	-	-	-
RU0002R	BDE_28	air	-	-	0.006	0.013	0.015	0.032	0.136	0.017	-	-	-	-	0.031
RU0002R	BDE_47	air	-	-	0.041	0.050	0.078	0.175	0.505	0.070	-	0.005	-	-	0.106
RU0002R	BDE_49	air	-	-	-	-	-	-	-	0.010	-	-	-	-	-
RU0002R	HCB	air	21.31	14.60	20.76	20.75	25.38	21.25	12.03	18.71	9.15	21.67	-	-	18.41
RU0002R	PCB_101	air	0.466	0.623	1.316	0.784	1.621	3.699	9.554	2.368	2.435	2.025	-	-	2.208
RU0002R	PCB_105	air	0.176	0.182	0.751	0.327	1.186	2.095	4.632	1.390	0.693	1.872	-	-	1.164
RU0002R	PCB_110	air	0.268	0.268	0.842	0.471	1.388	2.950	7.467	2.012	1.732	1.857	-	-	1.680
RU0002R	PCB_118	air	0.285	0.335	0.888	0.482	1.428	2.842	6.556	1.855	1.338	1.993	-	-	1.561
RU0002R	PCB_119	air	0.005	0.005	0.005	0.005	0.005	0.005	0.149	0.005	0.005	0.005	-	-	0.015
RU0002R	PCB_128	air	-	-	0.104	-	0.104	0.151	0.348	0.175	-	0.141	-	-	0.172
RU0002R	PCB_138	air	0.291	0.202	0.497	0.401	0.898	1.797	3.424	1.057	0.781	1.334	-	-	0.927
RU0002R	PCB_149	air	0.139	0.151	0.298	0.175	0.406	0.911	2.007	0.618	0.482	0.620	-	-	0.511
RU0002R	PCB_151	air	-	-	-	-	-	0.133	0.280	0.180	0.102	0.109	-	-	-
RU0002R	PCB_153	air	0.166	0.211	0.336	0.224	0.550	1.156	2.651	0.758	0.533	0.778	-	-	0.637
RU0002R	PCB_156	air	-	-	-	-	0.127	-	0.182	0.111	-	0.141	-	-	-
RU0002R	PCB_158	air	0.005	0.005	0.005	0.005	0.005	0.005	0.222	0.005	0.005	0.005	-	-	0.020
RU0002R	PCB_167	air	0.005	0.005	0.005	0.005	0.005	0.005	0.103	0.005	0.005	0.005	-	-	0.012
RU0002R	PCB_170	air	0.005	0.005	0.005	0.005	0.005	0.005	0.100	0.005	0.005	0.005	-	-	0.011
RU0002R	PCB_180	air	0.005	0.005	0.005	0.005	0.005	0.005	0.116	0.005	0.005	0.005	-	-	0.013
RU0002R	PCB_22	air	0.403	0.184	0.190	-	-	-	0.215	-	0.138	0.107	-	-	-
RU0002R	PCB_28+31	air	1.588	1.956	2.921	7.009	7.946	6.940	7.399	1.772	2.462	1.660	-	-	4.031
RU0002R	PCB_33	air	0.121	0.109	0.319	0.272	0.425	0.628	0.278	0.300	-	-	-	-	0.312

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
RU0002R	PCB_44	air	0.217	0.268	0.350	0.144	0.290	0.603	1.478	0.388	0.254	0.205	-	-	0.397
RU0002R	PCB_49	air	0.340	0.240	0.922	0.712	1.077	1.578	3.438	0.871	1.042	0.820	-	-	1.035
RU0002R	PCB_52	air	0.942	1.170	2.270	1.073	1.963	2.777	7.276	1.563	1.942	1.103	-	-	2.065
RU0002R	PCB_74	air	0.155	0.202	0.373	0.336	0.558	1.113	2.482	0.479	0.627	0.607	-	-	0.610
RU0002R	PCB_87	air	0.200	0.265	0.325	4.456	0.364	0.856	2.483	0.778	0.510	0.748	-	-	1.243
RU0002R	PCB_95	air	0.340	0.398	0.988	0.436	1.006	1.878	5.412	1.202	1.407	1.129	-	-	1.273
RU0002R	PCB_99	air	0.235	0.272	0.735	0.323	0.754	1.979	6.160	1.064	1.385	1.048	-	-	1.207
RU0002R	acenaphthene	air	0.345	0.030	0.024	0.024	0.004	-	-	-	0.052	1.371	-	-	-
RU0002R	acenaphthylene	air	0.216	0.007	0.006	0.003	0.003	-	-	-	0.002	-	-	-	-
RU0002R	alpha_HCH	air	6.796	8.467	7.593	6.812	4.891	12.033	17.072	17.198	6.864	8.818	-	-	9.527
RU0002R	anthracene	air	0.020	0.029	0.021	0.010	0.005	0.009	0.026	0.012	0.019	0.074	-	-	0.019
RU0002R	benz_a_anthracene	air	0.005	-	-	-	-	0.003	-	0.029	0.002	-	-	-	-
RU0002R	beta_HCH	air	0.187	0.089	0.421	0.963	0.407	1.986	2.568	1.647	0.816	0.354	-	-	0.942
RU0002R	chrysene	air	0.010	-	0.005	-	-	0.003	0.004	0.007	0.004	-	-	-	-
RU0002R	cis_CD	air	0.224	0.190	0.349	0.347	0.326	0.276	0.618	0.389	0.663	0.268	-	-	0.385
RU0002R	cis_NO	air	0.018	-	0.019	0.013	0.028	0.045	0.076	0.056	0.090	0.021	-	-	0.043
RU0002R	dibenzothiophene	air	0.152	0.015	0.029	0.010	0.007	0.039	0.058	0.023	0.020	0.019	-	-	0.033
RU0002R	fluoranthene	air	0.337	0.047	0.146	0.026	0.029	0.053	0.145	0.088	0.057	0.003	-	-	0.090
RU0002R	fluorene	air	1.501	0.761	0.708	0.111	0.117	0.530	0.175	0.139	1.006	1.301	-	-	0.561
RU0002R	gamma_HCH	air	0.828	0.675	0.879	1.518	2.564	2.754	2.121	3.448	1.253	0.976	-	-	1.804
RU0002R	heptachlor	air	-	-	-	0.023	0.019	0.032	0.032	0.043	-	-	-	-	-
RU0002R	heptachlorepoxyde	air	0.005	0.005	0.005	0.005	0.028	0.005	0.005	0.005	0.005	0.005	-	-	0.007
RU0002R	mirex	air	0.056	-	0.029	0.018	0.092	0.035	-	-	0.011	-	-	-	-
RU0002R	naphthalene	air	0.720	2.056	0.142	0.028	0.014	0.044	0.031	0.028	0.090	0.522	-	-	0.262
RU0002R	octachlorostyrene	air	0.402	0.288	0.472	0.341	0.375	0.402	0.375	0.544	0.511	0.611	-	-	0.437
RU0002R	op_DDD	air	0.144	-	0.072	0.020	0.016	0.249	0.344	0.308	0.436	0.342	-	-	0.199
RU0002R	op_DDE	air	0.159	0.062	0.190	0.087	0.084	0.616	0.550	0.782	0.780	0.441	-	-	0.384
RU0002R	op-DDT	air	0.299	0.091	0.545	0.280	0.294	2.294	2.984	3.260	4.270	2.265	-	-	1.693
RU0002R	oxychlorodane	air	0.305	0.117	0.161	0.148	0.172	0.172	0.351	0.296	0.143	0.154	-	-	0.197
RU0002R	pentachloroanisole	air	1.221	1.185	2.092	1.204	0.996	1.387	0.897	1.373	0.838	2.116	-	-	1.342
RU0002R	phenanthrene	air	1.231	0.295	0.679	0.129	0.173	0.553	1.031	0.465	0.446	0.087	-	-	0.486
RU0002R	pp_DDD	air	0.156	0.011	0.386	0.158	0.108	0.403	0.477	0.424	0.726	0.523	-	-	0.351
RU0002R	pp_DDE	air	0.731	0.257	1.432	0.528	0.492	3.947	3.585	4.553	4.587	2.936	-	-	2.347
RU0002R	pp-DDT	air	0.461	0.093	0.833	0.348	0.439	3.663	4.806	5.107	6.164	3.220	-	-	2.556
RU0002R	pyrene	air	0.164	0.030	0.075	0.011	0.017	0.035	0.080	0.070	0.042	0.010	-	-	0.052
RU0002R	retene	air	0.014	0.008	0.037	0.011	0.010	0.175	0.038	0.016	0.036	0.024	-	-	0.033
RU0002R	tetrachloroveratrole	air	0.067	0.059	0.070	0.053	-	1.160	0.453	0.153	-	-	-	-	0.260
RU0002R	trans_CD	air	0.082	0.075	0.216	0.111	0.052	0.065	0.165	0.074	0.190	0.050	-	-	0.122
RU0002R	trans_NO	air	0.264	0.198	0.284	0.338	0.342	0.326	0.515	0.367	0.537	0.234	-	-	0.352
RU0002R	1-methylnaphthalene	air+aerosol	0.379	0.547	0.152	0.036	0.028	0.134	0.072	0.067	0.070	0.497	-	-	0.152
RU0002R	2-methylnaphthalene	air+aerosol	0.353	0.544	0.167	0.062	0.063	0.163	0.062	0.083	0.102	0.702	-	-	0.177
RU0002R	BDE_100	air+aerosol	0.005	0.003	0.046	0.030	0.027	0.041	0.127	0.022	0.008	0.058	-	-	0.033
RU0002R	BDE_119	air+aerosol	0.001	-	0.013	0.004	0.004	0.017	0.046	0.008	0.004	-	-	-	0.010
RU0002R	BDE_138	air+aerosol	0.002	0.002	0.011	0.007	0.020	0.001	0.004	-	-	0.003	-	-	0.006
RU0002R	BDE_153	air+aerosol	-	-	0.016	0.001	-	0.003	0.001	0.006	0.004	0.007	-	-	0.007
RU0002R	BDE_183	air+aerosol	0.003	0.004	0.059	0.013	0.037	0.001	-	0.013	0.011	0.050	-	-	0.022
RU0002R	BDE_206	air+aerosol	-	-	-	0.087	0.071	0.078	0.055	0.022	0.035	0.306	-	-	0.079
RU0002R	BDE_209	air+aerosol	0.159	0.035	1.108	0.269	0.194	-	0.047	0.297	0.599	6.890	-	-	0.803

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RU0002R	BDE_28	air+aerosol	-	-	0.006	0.013	0.016	0.033	0.137	0.018	-	0.003	-	-	0.029
RU0002R	BDE_47	air+aerosol	0.006	0.002	0.096	0.089	0.120	0.183	0.515	0.078	0.010	0.102	-	-	0.105
RU0002R	BDE_49	air+aerosol	-	-	-	-	-	-	-	0.006	-	-	-	-	-
RU0002R	HCB	air+aerosol	21.32	14.63	20.77	20.78	25.39	21.27	12.06	18.73	9.17	21.71	-	-	18.43
RU0002R	PCB_101	air+aerosol	0.466	0.623	1.316	0.784	1.621	3.699	9.665	2.368	2.435	2.025	-	-	2.215
RU0002R	PCB_105	air+aerosol	0.283	0.182	0.494	0.359	1.305	2.303	4.887	1.595	1.004	1.872	-	-	1.219
RU0002R	PCB_110	air+aerosol	0.379	0.427	0.981	0.609	1.422	3.217	7.655	2.204	1.969	1.857	-	-	1.835
RU0002R	PCB_118	air+aerosol	0.412	0.472	1.041	0.645	1.589	3.185	6.858	2.150	1.553	1.993	-	-	1.758
RU0002R	PCB_119	air+aerosol	0.005	0.005	0.005	0.005	0.005	0.005	0.149	0.005	0.005	0.005	-	-	0.015
RU0002R	PCB_128	air+aerosol	-	-	0.104	-	0.104	0.151	0.348	0.175	-	0.325	-	-	0.195
RU0002R	PCB_138	air+aerosol	0.402	0.202	0.560	0.540	1.037	2.219	3.745	1.232	1.018	1.546	-	-	1.095
RU0002R	PCB_149	air+aerosol	0.139	0.151	0.298	0.175	0.498	0.911	2.007	0.618	0.615	0.620	-	-	0.536
RU0002R	PCB_151	air+aerosol	-	-	-	-	-	0.133	0.280	0.180	0.102	0.109	-	-	-
RU0002R	PCB_153	air+aerosol	0.166	0.211	0.336	0.224	0.635	1.568	3.198	0.887	0.897	0.778	-	-	0.776
RU0002R	PCB_156	air+aerosol	-	-	0.104	-	0.127	-	0.294	0.111	-	0.141	-	-	0.155
RU0002R	PCB_158	air+aerosol	0.005	0.005	0.005	0.005	0.005	0.005	0.222	0.005	0.005	0.005	-	-	0.020
RU0002R	PCB_167	air+aerosol	0.005	0.005	0.005	0.005	0.005	0.005	0.103	0.005	0.005	0.005	-	-	0.012
RU0002R	PCB_170	air+aerosol	-	-	-	-	-	0.103	0.235	-	-	0.108	-	-	-
RU0002R	PCB_180	air+aerosol	-	-	-	-	-	0.171	0.350	0.208	-	0.178	-	-	-
RU0002R	PCB_183	air+aerosol	0.005	0.005	0.005	0.005	0.005	0.005	0.100	0.005	0.005	0.005	-	-	0.011
RU0002R	PCB_187	air+aerosol	-	-	-	-	-	-	0.112	0.116	-	-	-	-	-
RU0002R	PCB_22	air+aerosol	0.403	0.184	0.190	-	-	-	0.215	-	0.138	0.107	-	-	-
RU0002R	PCB_28+31	air+aerosol	1.588	1.956	2.423	5.387	7.978	6.940	7.399	1.772	2.462	1.660	-	-	3.786
RU0002R	PCB_33	air+aerosol	0.121	0.109	0.319	0.272	0.425	0.628	0.278	0.300	-	-	-	-	0.312
RU0002R	PCB_44	air+aerosol	0.217	0.268	0.350	0.144	0.290	0.603	1.478	0.388	0.254	0.205	-	-	0.397
RU0002R	PCB_49	air+aerosol	0.340	0.240	0.922	0.712	1.077	1.578	3.438	0.871	1.042	0.820	-	-	1.035
RU0002R	PCB_52	air+aerosol	0.942	1.170	2.270	1.073	1.963	2.777	7.276	1.563	1.942	1.103	-	-	2.065
RU0002R	PCB_74	air+aerosol	0.155	0.202	0.373	0.336	0.558	1.113	2.482	0.479	0.627	0.607	-	-	0.610
RU0002R	PCB_87	air+aerosol	0.200	0.265	0.325	0.152	0.364	0.856	2.483	0.778	0.664	0.748	-	-	0.634
RU0002R	PCB_95	air+aerosol	0.340	0.398	0.988	0.436	1.006	1.878	5.566	1.202	1.407	1.129	-	-	1.284
RU0002R	PCB_99	air+aerosol	0.235	0.272	0.735	0.323	0.754	1.979	6.160	1.064	1.385	1.048	-	-	1.207
RU0002R	acenaphthene	air+aerosol	0.345	0.030	0.025	0.014	0.001	0.001	0.001	0.001	0.001	0.052	1.371	-	0.105
RU0002R	acenaphthylene	air+aerosol	0.216	0.009	0.005	0.002	0.001	0.001	0.001	0.001	0.002	0.001	-	-	0.017
RU0002R	alpha_HCH	air+aerosol	6.796	8.467	7.594	6.814	4.891	12.038	17.117	17.208	6.873	8.853	-	-	9.535
RU0002R	anthracene	air+aerosol	0.020	0.029	0.021	0.010	0.005	0.009	0.026	0.012	0.019	0.074	-	-	0.019
RU0002R	benz_a_anthracene	air+aerosol	0.008	0.008	0.002	0.002	0.002	0.003	0.002	0.017	0.011	0.003	-	-	0.006
RU0002R	benzo_a_pyrene	air+aerosol	0.004	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.014	-	-	0.002
RU0002R	benzo_e_pyrene	air+aerosol	0.026	0.084	0.010	0.001	0.001	0.001	0.001	0.001	0.001	0.008	0.024	-	0.012
RU0002R	benzo_ghi_perylene	air+aerosol	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.011	-	-	0.001
RU0002R	beta_HCH	air+aerosol	0.187	0.089	0.421	0.963	0.407	2.076	2.581	1.763	0.832	0.361	-	-	0.968
RU0002R	chrysene	air+aerosol	0.025	0.039	0.012	0.004	0.004	0.003	0.006	0.008	0.021	0.016	-	-	0.013
RU0002R	cis_CD	air+aerosol	0.224	0.231	0.349	0.350	0.327	0.276	0.626	0.399	0.672	0.268	-	-	0.391
RU0002R	cis_NO	air+aerosol	0.018	-	0.019	0.013	0.028	0.045	0.076	0.056	0.090	0.021	-	-	0.043
RU0002R	dibenzo_ah_anthracene	air+aerosol	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	-	-	0.001
RU0002R	dibenzothiophene	air+aerosol	0.152	0.017	0.030	0.006	0.007	0.042	0.060	0.023	0.022	0.020	-	-	0.032
RU0002R	fluoranthene	air+aerosol	0.362	0.147	0.163	0.035	0.038	0.056	0.149	0.090	0.058	0.025	-	-	0.105
RU0002R	fluorene	air+aerosol	1.501	0.761	0.718	0.115	0.120	0.530	0.177	0.139	1.006	1.302	-	-	0.563
RU0002R	gamma_HCH	air+aerosol	0.828	0.675	0.879	1.518	2.564	2.762	2.194	3.583	1.264	0.976	-	-	1.832

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RU0002R	heptachlor	air+aerosol	-	-	-	0.023	0.019	0.032	0.032	0.043	-	-	-	-	-
RU0002R	heptachlorepoxyde	air+aerosol	0.005	0.005	0.005	0.005	0.028	0.005	0.005	0.005	0.005	0.005	-	-	0.007
RU0002R	indeno_123cd_perylene	air+aerosol	0.001	0.004	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	-	-	0.001
RU0002R	mirex	air+aerosol	0.056	-	0.029	0.018	0.092	0.035	-	-	0.011	-	-	-	-
RU0002R	naphthalene	air+aerosol	0.724	2.061	0.144	0.031	0.015	0.044	0.031	0.028	0.093	0.557	-	-	0.265
RU0002R	octachlorostyrene	air+aerosol	0.402	0.288	0.472	0.341	0.375	0.402	0.375	0.544	0.511	0.611	-	-	0.437
RU0002R	op_DDD	air+aerosol	0.144	-	0.072	0.020	0.016	0.281	0.344	0.321	0.450	0.349	-	-	0.206
RU0002R	op_DDE	air+aerosol	0.159	0.062	0.190	0.087	0.084	0.616	0.550	0.789	0.780	0.441	-	-	0.385
RU0002R	op_DDT	air+aerosol	0.299	0.091	0.569	0.293	0.313	2.314	3.010	3.297	4.283	2.291	-	-	1.712
RU0002R	oxychlorodane	air+aerosol	0.310	0.117	0.163	0.148	0.172	0.172	0.357	0.301	0.143	0.154	-	-	0.199
RU0002R	pentachloroanisole	air+aerosol	1.221	1.185	2.092	1.204	0.996	1.387	0.897	1.373	0.838	2.116	-	-	1.342
RU0002R	perylene	air+aerosol	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.009	-	-	0.001
RU0002R	phenanthrene	air+aerosol	1.249	0.368	0.684	0.135	0.177	0.555	1.036	0.467	0.449	0.097	-	-	0.496
RU0002R	pp_DDD	air+aerosol	0.156	0.011	0.403	0.170	0.198	0.543	0.527	0.434	0.745	0.535	-	-	0.381
RU0002R	pp_DDE	air+aerosol	0.763	0.257	1.490	0.568	0.500	3.981	3.625	4.592	4.607	2.967	-	-	2.380
RU0002R	pp_DDT	air+aerosol	0.485	0.160	0.932	0.393	0.485	3.715	4.917	5.230	6.213	3.327	-	-	2.630
RU0002R	pyrene	air+aerosol	0.171	0.062	0.079	0.015	0.022	0.036	0.085	0.072	0.043	0.027	-	-	0.058
RU0002R	retene	air+aerosol	0.015	0.013	0.038	0.011	0.012	0.176	0.052	0.019	0.043	0.030	-	-	0.036
RU0002R	tetrachloroveratrole	air+aerosol	0.067	0.059	0.070	0.053	-	1.160	0.453	0.153	-	-	-	-	0.260
RU0002R	trans_CD	air+aerosol	0.082	0.093	0.216	0.111	0.052	0.065	0.165	0.074	0.190	0.050	-	-	0.123
RU0002R	trans_NO	air+aerosol	0.270	0.205	0.292	0.348	0.344	0.326	0.526	0.372	0.548	0.234	-	-	0.359
SE0012R	1234678_HpCDD	air+aerosol	0.470	0.096	0.096	0.096	0.020	0.020	0.020	0.036	0.036	0.036	0.036	0.036	0.051
SE0012R	1234678_HpCDF	air+aerosol	0.260	0.061	0.061	0.061	0.017	0.017	0.017	0.043	0.043	0.043	0.023	0.023	0.039
SE0012R	1234789_HpCDF	air+aerosol	0.025	0.009	0.009	0.009	0.001	0.001	0.001	0.005	0.005	0.005	0.003	0.003	0.005
SE0012R	123478_HxCDD	air+aerosol	0.390	0.070	0.070	0.070	0.029	0.029	0.029	0.025	0.025	0.025	0.026	0.026	0.041
SE0012R	123478_HxCDF	air+aerosol	0.970	0.190	0.190	0.190	0.047	0.047	0.047	0.120	0.120	0.120	0.061	0.061	0.114
SE0012R	123678_HxCDD	air+aerosol	0.590	0.130	0.130	0.130	0.034	0.034	0.034	0.040	0.040	0.040	0.049	0.049	0.068
SE0012R	123678_HxCDF	air+aerosol	0.650	0.150	0.150	0.150	0.047	0.047	0.047	0.094	0.094	0.094	0.050	0.050	0.092
SE0012R	123789_HxCDD	air+aerosol	0.470	0.074	0.074	0.074	0.029	0.029	0.029	0.024	0.024	0.024	0.033	0.033	0.044
SE0012R	123789_HxCDF	air+aerosol	0.330	0.053	0.053	0.053	0.041	0.041	0.041	0.036	0.036	0.036	0.042	0.042	0.045
SE0012R	12378_PeCDD	air+aerosol	4.300	0.790	0.790	0.790	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.315
SE0012R	12378_PeCDF	air+aerosol	0.045	0.054	0.054	0.054	0.015	0.015	0.015	0.021	0.021	0.021	0.014	0.014	0.027
SE0012R	234678_HxCDF	air+aerosol	1.100	0.210	0.210	0.210	0.066	0.066	0.066	0.110	0.110	0.110	0.080	0.080	0.127
SE0012R	23478_PeCDF	air+aerosol	1.740	1.020	1.020	1.020	0.150	0.150	0.150	0.294	0.294	0.294	0.231	0.231	0.449
SE0012R	2378_TCDD	air+aerosol	0.100	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
SE0012R	2378_TCDF	air+aerosol	0.180	0.200	0.200	0.200	0.065	0.065	0.065	0.160	0.160	0.160	0.072	0.072	0.129
SE0012R	BDE_100	air+aerosol	0.017	0.017	0.041	0.017	0.015	0.015	0.015	0.037	0.015	0.015	0.015	0.015	0.020
SE0012R	BDE_153	air+aerosol	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
SE0012R	BDE_154	air+aerosol	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035
SE0012R	BDE_47	air+aerosol	0.141	0.075	0.088	0.020	0.139	0.159	0.217	0.083	0.130	0.146	0.089	0.045	0.112
SE0012R	BDE_85	air+aerosol	0.026	0.028	0.126	0.027	0.020	0.020	0.020	0.227	0.183	0.031	0.020	0.020	0.063
SE0012R	BDE_99	air+aerosol	0.100	0.037	0.015	0.015	0.016	0.042	0.042	0.015	0.015	0.041	0.047	0.015	0.034
SE0012R	HCB	air+aerosol	39.10	46.00	33.00	33.93	25.06	18.00	17.10	10.42	20.00	27.32	23.20	25.00	26.37
SE0012R	OCDD	air+aerosol	0.016	0.005	0.005	0.005	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003
SE0012R	OCDF	air+aerosol	0.003	0.004	0.004	0.004	0.000	0.000	0.000	0.001	0.001	0.001	0.002	0.002	0.002
SE0012R	PCB_101	air+aerosol	0.269	0.341	0.324	0.308	0.547	0.651	0.800	0.663	0.656	0.558	0.287	0.255	0.477
SE0012R	PCB_118	air+aerosol	0.055	0.091	0.116	0.031	0.127	0.139	0.142	0.122	0.184	0.210	0.029	0.061	0.110

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
SE0012R	PCB_138	air+aerosol	0.030	0.079	0.180	0.035	0.072	0.325	0.209	0.306	0.295	0.284	0.033	0.106	0.165
SE0012R	PCB_153	air+aerosol	0.136	0.218	0.224	0.135	0.251	0.368	0.591	0.479	0.400	0.377	0.144	0.129	0.292
SE0012R	PCB_180	air+aerosol	0.058	0.076	0.050	0.027	0.105	0.104	0.123	0.124	0.095	0.093	0.064	0.025	0.080
SE0012R	PCB_28	air+aerosol	0.611	0.816	0.771	0.579	0.705	0.863	0.814	0.796	1.308	1.105	0.616	0.488	0.794
SE0012R	PCB_52	air+aerosol	0.556	0.722	0.790	0.756	0.091	0.901	1.152	1.152	1.186	1.044	0.553	0.484	0.788
SE0012R	alpha_HCH	air+aerosol	2.104	1.765	2.090	3.415	2.948	3.190	3.371	3.011	5.040	6.359	2.458	1.720	3.156
SE0012R	anthracene	air+aerosol	0.038	0.021	0.014	0.008	0.007	0.008	0.011	0.009	0.005	0.014	0.026	0.024	0.015
SE0012R	benz_a_anthracene	air+aerosol	0.114	0.090	0.032	0.024	0.017	0.019	0.020	0.022	0.017	0.029	0.063	0.038	0.040
SE0012R	benzo_a_pyrene	air+aerosol	0.139	0.131	0.046	0.054	0.032	0.031	0.033	0.038	0.030	0.041	0.060	0.031	0.056
SE0012R	benzo_b_fluoranthene	air+aerosol	0.221	0.171	0.059	0.034	0.014	0.019	0.020	0.032	0.036	0.032	0.098	0.059	0.065
SE0012R	benzo_ghi_perylene	air+aerosol	0.116	0.101	0.029	0.015	0.006	0.007	0.010	0.017	0.020	0.014	0.062	0.031	0.035
SE0012R	benzo_k_fluoranthene	air+aerosol	0.087	0.069	0.021	0.012	0.005	0.007	0.008	0.012	0.013	0.012	0.026	0.020	0.024
SE0012R	chrysene	air+aerosol	0.227	0.171	0.062	0.038	0.017	0.021	0.026	0.037	0.035	0.065	0.095	0.033	0.068
SE0012R	dibenzo_ah_anthracene	air+aerosol	0.021	0.017	0.004	0.002	0.006	0.007	0.006	0.005	0.003	0.017	0.011	0.005	0.009
SE0012R	fluoranthene	air+aerosol	0.779	0.632	0.270	0.167	0.093	0.120	0.138	0.182	0.130	0.186	0.447	0.330	0.286
SE0012R	gamma_HCH	air+aerosol	0.827	0.194	1.420	2.391	2.343	2.320	2.645	2.877	2.860	3.301	1.080	0.540	1.937
SE0012R	inden_123cd_pyrene	air+aerosol	0.135	0.118	0.037	0.019	0.007	0.009	0.010	0.016	0.022	0.018	0.057	0.029	0.039
SE0012R	phenanthrene	air+aerosol	1.697	1.476	0.770	0.499	0.387	0.480	0.498	0.519	0.380	0.892	1.103	0.950	0.796
SE0012R	pp_DDD	air+aerosol	0.351	0.205	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.083	0.015	0.015	0.064
SE0012R	pp_DDE	air+aerosol	0.706	1.236	1.180	0.639	0.820	0.750	0.777	1.222	2.180	1.821	1.357	0.790	1.128
SE0012R	pp_DDT	air+aerosol	0.100	0.035	0.300	0.034	0.015	0.015	0.164	0.015	0.015	0.015	0.015	0.015	0.063
SE0012R	pyrene	air+aerosol	0.476	0.355	0.160	0.104	0.043	0.060	0.078	0.115	0.080	0.132	0.281	0.200	0.171
SE0014R	1234678_HpCDD	air+aerosol	0.250	0.150	0.150	0.150	0.050	0.050	0.050	0.059	0.059	0.059	0.140	0.140	0.101
SE0014R	1234678_HpCDF	air+aerosol	0.130	0.086	0.086	0.086	0.036	0.036	0.036	0.045	0.045	0.045	0.051	0.051	0.055
SE0014R	1234789_HpCDF	air+aerosol	0.014	0.007	0.007	0.007	0.004	0.004	0.004	0.006	0.006	0.006	0.006	0.006	0.006
SE0014R	123478_HxCDD	air+aerosol	0.140	0.099	0.099	0.099	0.041	0.041	0.041	0.047	0.047	0.047	0.110	0.110	0.075
SE0014R	123478_HxCDF	air+aerosol	0.460	0.180	0.180	0.180	0.120	0.120	0.120	0.150	0.150	0.150	0.170	0.170	0.157
SE0014R	123678_HxCDD	air+aerosol	0.240	0.150	0.150	0.150	0.060	0.060	0.060	0.054	0.054	0.054	0.140	0.140	0.102
SE0014R	123678_HxCDF	air+aerosol	0.260	0.180	0.180	0.180	0.110	0.110	0.110	0.110	0.110	0.110	0.170	0.170	0.143
SE0014R	123789_HxCDD	air+aerosol	0.200	0.120	0.120	0.120	0.047	0.047	0.047	0.051	0.051	0.051	0.120	0.120	0.085
SE0014R	123789_HxCDF	air+aerosol	0.150	0.096	0.096	0.096	0.057	0.057	0.057	0.053	0.053	0.053	0.067	0.067	0.069
SE0014R	12378_PeCDD	air+aerosol	1.200	0.440	0.440	0.440	0.340	0.340	0.340	0.250	0.250	0.250	0.540	0.540	0.398
SE0014R	12378_PeCDF	air+aerosol	0.045	0.048	0.048	0.048	0.029	0.029	0.029	0.029	0.029	0.029	0.036	0.036	0.036
SE0014R	234678_HxCDF	air+aerosol	0.450	0.220	0.220	0.220	0.110	0.110	0.110	0.150	0.150	0.150	0.210	0.210	0.175
SE0014R	23478_PeCDF	air+aerosol	1.530	0.630	0.630	0.630	0.450	0.450	0.450	0.420	0.420	0.420	0.690	0.690	0.555
SE0014R	2378_TcDD	air+aerosol	0.150	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
SE0014R	2378_TCDF	air+aerosol	0.270	0.210	0.210	0.210	0.150	0.150	0.150	0.150	0.150	0.150	0.220	0.220	0.183
SE0014R	BDE_100	air+aerosol	0.021	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
SE0014R	BDE_153	air+aerosol	0.027	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025
SE0014R	BDE_154	air+aerosol	0.041	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040
SE0014R	BDE_47	air+aerosol	0.147	0.133	0.138	0.126	0.051	0.341	0.086	0.077	0.071	0.050	0.050	0.057	0.110
SE0014R	BDE_85	air+aerosol	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025
SE0014R	BDE_99	air+aerosol	0.098	0.095	0.061	0.046	0.029	0.111	0.026	0.020	0.020	0.020	0.020	0.020	0.047
SE0014R	FTS_6-2	air+aerosol	0.130	0.054	0.102	0.070	0.050	0.050	0.051	0.092	0.080	0.085	0.088	0.071	0.077
SE0014R	HCB	air+aerosol	35.61	44.29	35.00	22.87	20.32	14.00	30.97	8.52	12.00	14.32	21.20	29.00	23.91
SE0014R	OCDD	air+aerosol	0.068	0.011	0.011	0.011	0.003	0.003	0.003	0.003	0.005	0.005	0.009	0.009	0.007
SE0014R	OCDF	air+aerosol	0.003	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
SE0014R	PCB_101	air+aerosol	0.435	0.442	0.690	0.714	0.398	3.019	1.708	1.744	2.117	1.193	0.602	0.405	1.122
SE0014R	PCB_118	air+aerosol	0.154	0.181	0.213	0.240	0.126	1.019	0.417	0.537	0.751	0.426	0.269	0.111	0.370
SE0014R	PCB_138	air+aerosol	0.270	0.278	0.294	0.368	0.233	2.127	0.926	0.889	1.488	0.616	0.193	0.222	0.658
SE0014R	PCB_153	air+aerosol	0.403	0.415	0.453	0.527	0.278	2.591	1.351	1.421	1.920	0.935	0.422	0.320	0.919
SE0014R	PCB_180	air+aerosol	0.112	0.098	0.057	0.108	0.098	0.737	0.273	0.323	0.561	0.205	0.109	0.054	0.227
SE0014R	PCB_28	air+aerosol	0.625	0.831	0.876	1.044	0.488	1.813	0.861	0.793	1.425	1.038	0.741	0.576	0.923
SE0014R	PCB_52	air+aerosol	0.652	0.850	0.977	1.147	0.680	3.041	1.734	2.401	2.107	1.391	0.804	0.635	1.368
SE0014R	PFBA	air+aerosol	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
SE0014R	PFBS	air+aerosol	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
SE0014R	PFDCa	air+aerosol	0.084	0.096	0.086	0.099	0.150	0.192	0.161	0.185	0.107	0.099	0.089	0.111	0.122
SE0014R	PFDCS	air+aerosol	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
SE0014R	PFHpA	air+aerosol	0.174	0.111	0.159	0.178	0.151	0.300	0.231	0.229	0.151	0.159	0.166	0.168	0.182
SE0014R	PFHxA	air+aerosol	0.368	0.361	0.260	0.238	0.245	0.370	0.351	0.479	0.376	0.290	0.294	0.752	0.366
SE0014R	PFHxS	air+aerosol	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.116	0.145	0.170	0.074
SE0014R	PFNA	air+aerosol	0.193	0.161	0.230	0.236	0.188	0.387	0.300	0.315	0.209	0.314	0.280	0.234	0.255
SE0014R	PFOA	air+aerosol	0.606	0.471	0.593	0.620	0.631	0.929	0.807	0.766	0.510	0.751	0.672	0.850	0.686
SE0014R	PFOS	air+aerosol	0.642	0.481	0.675	0.633	0.388	0.797	0.599	0.804	0.505	1.127	0.908	0.987	0.714
SE0014R	PFOSA	air+aerosol	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
SE0014R	PFUnA	air+aerosol	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
SE0014R	aldrin	air+aerosol	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150
SE0014R	alpha_HCH	air+aerosol	2.105	2.287	2.120	4.201	1.485	4.140	2.818	4.043	5.950	5.013	2.935	2.190	3.271
SE0014R	anthracene	air+aerosol	0.028	0.046	0.007	0.008	0.001	0.004	0.002	0.002	0.010	0.008	0.018	0.010	0.012
SE0014R	benz_a_anthracene	air+aerosol	0.112	0.171	0.019	0.015	0.004	0.011	0.004	0.005	0.015	0.011	0.036	0.031	0.035
SE0014R	benzo_a_pyrene	air+aerosol	0.103	0.173	0.030	0.023	0.011	0.037	0.016	0.005	0.016	0.012	0.037	0.040	0.041
SE0014R	benzo_b_fluoranthene	air+aerosol	0.252	0.400	0.047	0.036	0.015	0.018	0.007	0.012	0.035	0.026	0.061	0.057	0.078
SE0014R	benzo_ghi_perylene	air+aerosol	0.119	0.208	0.023	0.017	0.010	0.005	0.003	0.007	0.022	0.012	0.037	0.032	0.040
SE0014R	benzo_k_fluoranthene	air+aerosol	0.092	0.130	0.017	0.011	0.005	0.005	0.002	0.004	0.013	0.009	0.025	0.022	0.027
SE0014R	chrysene	air+aerosol	0.243	0.335	0.052	0.039	0.010	0.026	0.009	0.012	0.032	0.027	0.074	0.068	0.076
SE0014R	dibenzo_ah_anthracene	air+aerosol	0.018	0.027	0.003	0.002	0.001	0.001	0.001	0.001	0.003	0.002	0.006	0.005	0.006
SE0014R	fluoranthene	air+aerosol	0.754	1.169	0.250	0.157	0.031	0.130	0.046	0.062	0.140	0.150	0.303	0.320	0.287
SE0014R	gamma_HCH	air+aerosol	1.107	1.391	1.920	2.480	1.367	5.440	2.646	3.972	4.190	2.626	1.386	1.490	2.501
SE0014R	inden_123cd_pyrene	air+aerosol	0.149	0.246	0.030	0.019	0.011	0.006	0.003	0.008	0.024	0.015	0.041	0.037	0.048
SE0014R	phenanthrene	air+aerosol	1.436	2.140	0.710	0.589	0.224	0.450	0.207	0.215	0.450	0.488	0.888	0.810	0.707
SE0014R	pp_DDD	air+aerosol	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.049	0.051	0.060	0.029
SE0014R	pp_DDE	air+aerosol	0.822	1.094	1.400	0.597	0.306	2.230	0.626	1.367	2.430	1.773	1.075	1.110	1.233
SE0014R	pp_DDT	air+aerosol	0.204	0.279	0.390	0.203	0.130	0.880	0.280	0.498	0.690	0.371	0.375	0.410	0.392
SE0014R	pyrene	air+aerosol	0.470	0.659	0.130	0.093	0.016	0.070	0.024	0.038	0.090	0.088	0.197	0.180	0.168
SE0020R	anthracene	air+aerosol	0.010	0.021	0.001	0.000	0.001	0.000	0.000	0.000	0.001	0.001	0.002	0.002	0.003
SE0020R	benz_a_anthracene	air+aerosol	0.134	0.259	0.025	0.005	0.005	0.002	0.001	0.004	0.016	0.007	0.020	0.019	0.040
SE0020R	benzo_a_pyrene	air+aerosol	0.137	0.268	0.025	0.006	0.007	0.002	0.002	0.005	0.021	0.008	0.028	0.029	0.043
SE0020R	benzo_b_fluoranthene	air+aerosol	0.338	0.544	0.066	0.020	0.019	0.008	0.004	0.013	0.050	0.022	0.061	0.063	0.098
SE0020R	benzo_ghi_perylene	air+aerosol	0.198	0.352	0.041	0.017	0.016	0.006	0.005	0.010	0.037	0.018	0.046	0.046	0.064
SE0020R	benzo_k_fluoranthene	air+aerosol	0.114	0.211	0.022	0.006	0.007	0.002	0.002	0.004	0.018	0.007	0.022	0.022	0.035
SE0020R	chrysene	air+aerosol	0.251	0.418	0.044	0.010	0.012	0.004	0.003	0.008	0.029	0.012	0.033	0.033	0.069
SE0020R	dibenzo_ah_anthracene	air+aerosol	0.029	0.049	0.005	0.001	0.002	0.001	0.001	0.001	0.002	0.002	0.005	0.005	0.008
SE0020R	fluoranthene	air+aerosol	0.439	0.709	0.050	0.003	0.028	0.010	0.001	0.015	0.050	0.022	0.040	0.040	0.114
SE0020R	inden_123cd_pyrene	air+aerosol	0.210	0.373	0.043	0.015	0.014	0.005	0.003	0.009	0.035	0.017	0.043	0.044	0.066

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SE0020R	phenanthrene	air+aerosol	0.214	0.303	0.017	0.003	0.009	0.003	0.002	0.006	0.018	0.008	0.018	0.018	0.050
SE0020R	pyrene	air+aerosol	0.299	0.384	0.040	0.003	0.019	0.010	0.001	0.014	0.040	0.013	0.040	0.040	0.073
SI0008R	benz_a_anthracene	pm10	0.484	0.141	0.086	0.092	0.023	0.009	0.009	0.009	0.022	0.070	0.126	0.215	0.107
SI0008R	benzo_a_pyrene	pm10	0.615	0.220	0.143	0.098	0.074	0.009	0.009	0.011	0.035	0.143	0.176	0.378	0.158
SI0008R	benzo_bjk_fluoranthenes	pm10	2.011	0.832	0.500	0.356	0.207	0.053	0.088	0.152	0.194	0.387	0.585	1.103	0.535
SI0008R	dibenzo_ah_anthracene	pm10	0.156	0.072	0.040	0.020	0.014	0.009	0.009	0.009	0.022	0.044	0.075	0.084	0.046
SI0008R	inden_123cd_pyrene	pm10	0.838	0.303	0.167	0.116	0.049	0.009	0.015	0.017	0.048	0.180	0.281	0.465	0.205